### Adult Inpatient

**Overall Goals:**
- To comprehend the evaluation, diagnosis, and treatment of adult diseases requiring inpatient treatment.
- To appreciate the appropriate utilization of inpatient versus outpatient services in patient care.
- To define the various diagnostic testing available for inpatient evaluation of common admission diagnoses and when to appropriately utilize these studies.
- To define common disease states that require hospitalization for evaluation and acute treatment.

### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to adult inpatient medicine as it pertains to family medicine. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the inpatient setting
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

**Objectives:**
- Perform a structural examination on all patients admitted to the inpatient service.
- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for inpatient care.

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy*, the incorporation of preventative medicine and the promotion of health. Residents are expected to:

**Competencies**
- Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Use information technology to support patient care decisions and patient education
- Provide health care services aimed at preventing health problems or maintaining health
- Work with health care professionals, including those from other disciplines, to provide patient-
focused care

Objectives
- Demonstrate the ability to gather appropriate historical information when admitting a patient to the hospital. This must include information regarding a relevant HPI (timing, context, location, severity, and quality of symptoms, associated, aggravating, or alleviating factors), PMH, PSH, Medications, Allergies, FH, and ROS.
- Demonstrate the ability to competently perform all aspects of the physical examination.
- Manage a minimum of 5 patients daily.
- Demonstrate the ability to communicate effectively during patient interaction and, when appropriate, include family in the patient care discussion.
- Formulate an action plan for each patient upon admission and will be able to appropriately adjust this plan as needed during the course of the hospitalization.
- Communicate with the patient’s primary physician as to the hospital course, pertinent findings, and goals upon discharge to facilitate continuity of care.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competencies
- Demonstrate an investigatory and analytic thinking approach to adult inpatient medicine
- Know and apply the basic and clinically supportive sciences which are appropriate to adult inpatient medicine
- Develop as a medical educator by participating with the instruction of the entire inpatient team.

Objectives
- Demonstrate an understanding of normal physiology and how it can be altered by common disease states.
- Demonstrate knowledge of various pharmacological agents used in the management of acute illness requiring hospitalization including indications, effect, dosing, side effects, contraindications, and common interactions.
- Utilize appropriate diagnostic modalities including laboratory and radiology.
- Synthesize a management plan for their patients and be prepared to discuss with the attending during rounds.

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
Rotational Goals & Objectives

- Use information technology to optimize learning
- Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or learners
- Use information technology to manage information, access on-line medical information; and support their own education
- Facilitate the learning of students and other health care professionals

Objectives
- Demonstrate knowledge of when consultation is appropriate.
- Know and apply the appropriate evidence-based articles on diagnoses being addressed on the inpatient service. These articles will be documented in the reading log for the rotation.
- Define the pertinent information from these articles for the inpatient team.
- Demonstrate knowledge of Physician Access for retrieving diagnostic results and be adept in using the Electronic Document Management (EDM) system of the facility in order to complete medical record responsibilities and access patient charts.

Systems-Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Coordinate patient care within the health care system relevant to family medicine.
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care.
- Know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources.
- Practice cost-effective health care and resource allocation that does not compromise quality of care.
- Advocate for quality patient care and assist patients in dealing with system complexities.
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.

Objectives
- Coordinate care for the inpatient service in conjunction with the senior resident. This will include but is not limited to discharge planning, consideration for disposition (i.e. short-term rehabilitation, skilled nursing facilities, or home), and need for home health resources.
- Consider utilizing the long-term acute care facility when appropriate.
- Recognize the Core Measures currently being used in the hospital and how to incorporate them into patient care.

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to:

Competencies
- Demonstrate compassion, integrity, and respect for others.
- Demonstrate respect for patient privacy and autonomy.
- Demonstrate sensitivity and responsiveness to patients’ culture, age, gender, sexual orientation, and disabilities.
**Rotational Goals & Objectives**

### Objectives
- Exhibit compassion, integrity, and respect for both patients and hospital staff during rounds.
- Demonstrate knowledge of appropriate areas to discuss patient care by avoiding discussion of protected health information in public areas such as elevators, hallways, and with family members unless approved by the patient.
- Demonstrate responsibility for time management skills by appropriately navigating the work hour regulations.
- Demonstrate ownership for patient care responsibilities and ability to equitably divide patient care tasks with the senior resident.

### Interpersonal and Communication Skills

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates.

Residents are expected to:

**Competencies**
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds.
- Communicate effectively with physicians, other health professionals, and health related agencies.
- Work effectively as a member or leader of a health care team or other professional group.
- Maintain comprehensive, timely, and legible medical records.
- Create and sustain a therapeutic and ethically sound relationship with patients.
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.

**Objectives**
- Utilize the Language Line or appropriate translator when a language barrier is present.
- Communicate with appropriate consultants to maximize coordination of inpatient care.
- Write daily progress notes for the inpatient service and complete all appropriate medical records in a timely fashion. This includes but is not limited to: H&Ps, discharge summaries, and medication reconciliation sheets.
- Coordinate with the senior resident the workload associated with the service to create an equitable division of labor.

### Teaching Methods
Interactive teaching rounds on the inpatient service, direct observation of attending/patient interaction, small group discussions focused on relevant medical topics, presentation and participation at Morning Report, attendance at Educational Conferences, Grand Rounds, Tumor Board.

### Assessment Method (residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In-Service* examination results, review of Resident Patient Logs, Checklist for Osteopathic Structural Examination*.

### Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form, Resident Attending Evaluation Form, Direct Observation of Skills.

### Level of Supervision
Direct supervision by family medicine faculty.
Educational Resources
Topics to be covered will vary depending on the cases involved and assignments by senior residents as well as family medicine faculty will be made. Utilization of Dynamed, American Family Physician, Rakel’s Textbook on Family Medicine, Foundations for Osteopathic Medicine*, Harrison’s Textbook of Medicine, Somatic Dysfunction in Osteopathic Family Medicine*, and appropriate electronic databases is expected.

Adult Inpatient Medicine – PGY-2, PGY-3
Overall Goals:
- To understand the evaluation, diagnosis, and treatment of adult diseases requiring inpatient treatment.
- To understand the appropriate utilization of inpatient versus outpatient services in patient care.
- To understand the various diagnostic testing available for inpatient evaluation of common admission diagnoses and when to appropriately utilize these studies.
- To understand the common disease states requiring hospitalization for evaluation and acute treatment.
- To develop as a medical educator by participating in the educational process of the intern and medical students on service.

Osteopathic Principles and Practice
Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to adult inpatient medicine as it pertains to family medicine. Residents are expected to:

Competencies:
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the inpatient setting
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

Objectives:
- The resident will perform a structural examination on all patients admitted to the inpatient service.
- The resident will utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- The resident will document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- The resident will formulate a plan for the appropriate implementation of osteopathic manipulative treatment for inpatient care.
- The resident will initiate discharge planning efforts on admission and consider complicating matters that might affect patient’s ability to return to previous home environment.

Patient Care
Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic
philosophy*, the incorporation of preventative medicine and the promotion of health. Residents are expected to:

**Competencies**
- Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Use information technology to support patient care decisions and patient education
- Provide health care services aimed at preventing health problems or maintaining health
- Work with health care professionals, including those from other disciplines, to provide patient-focused care

**Objectives**
- The resident will demonstrate the ability to gather appropriate historical information when admitting a patient to the hospital. This must include information regarding a relevant HPI (timing, context, location, severity, and quality of symptoms, associated, aggravating, or alleviating factors), PMH, PSH, Medications, Allergies, FH, and ROS.
- The resident will demonstrate the ability to competently perform all aspects of the physical examination.
- The resident is expected to be able to manage a minimum of 5 patients daily.
- The resident will demonstrate the ability to communicate effectively during patient interaction and, when appropriate, include family in the patient care discussion.
- The resident will formulate an action plan for each patient upon admission and will be able to appropriately adjust this plan as needed during the course of the hospitalization.
- The resident will communicate with the patient’s primary physician as to the hospital course, pertinent findings, and goals upon discharge to facilitate continuity of care.

**Medical Knowledge**

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Demonstrate an investigatory and analytic thinking approach to adult inpatient medicine
- Know and apply the basic and clinically supportive sciences which are appropriate to adult inpatient medicine
- Develop as a medical educator by participating with the instruction of the entire inpatient team.

**Objectives**
- The resident will demonstrate an understanding of normal physiology and how it can be altered by common disease states.
- The resident will demonstrate knowledge of various pharmacological agents used in the management of acute illness requiring hospitalization including indications, effect, dosing, side effects, contraindications, and common interactions.
Rotational Goals & Objectives

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning. Residents are expected to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning
- Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or learners
- Use information technology to manage information, access online medical information; and support their own education
- Facilitate the learning of students and other health care professionals

Objectives
- The resident will demonstrate knowledge of when consultation is appropriate.
- The resident will read appropriate evidence-based articles on diagnoses being addressed on the inpatient service. These articles will be documented in the reading log for the rotation.
- The resident will share pertinent information from these articles with the inpatient team.
- The resident will demonstrate knowledge of Physician Access for retrieving diagnostic results and familiarity with the Electronic Document Management (EDM) system of the hospital in order to access patient charts from previous hospitalizations.

Systems-Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Coordinate patient care within the health care system relevant to family medicine.
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care
- Know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
### Rotational Goals & Objectives

**Objectives**

- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.

**Objectives**

- The resident, in conjunction with the junior resident, will coordinate care for the inpatient service. This will include but is not limited to discharge planning, consideration for disposition (i.e. short-term rehabilitation, skilled nursing facilities, or home), and need for home health resources, in addition to management of the acute disease processes.
- The resident will consider utilizing the long-term acute care facility when appropriate.
- The resident will be familiar with the Core Measures currently being used in the hospital and will incorporate them into patient care.

### Professionalism

**Goal**

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**

- Compassion, integrity, and respect for others
- Respect for patient privacy and autonomy
- Sensitivity and responsiveness to patients’ culture, age, gender, and disabilities

**Objectives**

- The resident will exhibit compassion, integrity, and respect for both patients and hospital staff during rounds.
- The resident will acknowledge appropriate areas to discuss patient care and avoid discussing protected health information in public areas such as elevators, hallways, and with family members unless approved by the patient.
- Responsibility for time management skills by appropriately navigating the work hour regulations
- Ownership of patient care responsibilities and ability to equitably divide patient care tasks with the junior resident

### Interpersonal and Communication Skills

**Goal**

Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**

- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as member or leader of a health care team or other professional group
- Maintain comprehensive, timely, and legible medical records
- Create and sustain a therapeutic and ethically sound relationship with patients
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

**Objectives**

- The resident will incorporate the Language Line or appropriate translator when a language barrier is present.
Rotational Goals & Objectives

- The resident will communicate with appropriate consultants to maximize coordination of inpatient care.
- The resident in conjunction with the intern will write daily progress notes for the inpatient service and complete all appropriate medical records in a timely fashion. This includes but is not limited to: H&Ps, discharge summaries, and medication reconciliation sheets.
- The resident will utilize the hospital’s EDM for timely completion of all medical record tasks.
- The resident, with the assistance of the senior resident, will coordinate the workload associated with the service to create an equitable division of labor.

Teaching Methods
Interactive teaching rounds on the inpatient service, direct observation of attending/patient interaction, small group discussions focused on relevant medical topics, presentation and participation at Morning Report, participation in Residency Lecture Series, Grand Rounds, Tumor Board

Assessment Method (Residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results, Checklist for Osteopathic Structural Examination *

Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form, Resident Evaluation of Attending

Level of Supervision
Resident is directly supervised by the family medicine faculty.

Educational Resources
Topics to be covered will vary depending on the cases involved and assignments by senior residents as well as family medicine faculty will be made. Utilization of Dynamed, American Family Physician, Rakel’s Textbook of Family Medicine, Foundations for Osteopathic Medicine*, Harrison’s Textbook of Medicine, Somatic Dysfunction in Osteopathic Family Medicine*, and appropriate electronic databases is expected.
### Critical Care

**Overall Goals:**
- Define and demonstrate the evaluation, diagnosis and treatment of common critical medical conditions

### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) as it pertains to family medicine. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the inpatient setting
- Formulate osteopathic treatment plan specific to the admitting diagnosis

**Objectives:**
- Perform a structural examination on admissions.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporate the promotion of health. The resident are expected to:

**Competencies**
- Gather essential and accurate information about their patient
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Perform competently all medical procedures considered essential for the area of practice
- Participate in codes throughout the hospital and become comfortable and competent in code situations

**Objectives**
- Demonstrate an ability to obtain an appropriate history, current patient status and pertinent changes
- Demonstrate the ability to perform an appropriate physical exam
- Demonstrate knowledge of critical care guidelines

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Identify and manage common conditions

**Objectives**
- Employ information gathered from readings in the above subject matter assigned by the attending physician
- Identify and manage conditions including sepsis, post-op care, end-of-life care, GI bleeds, drug
overdose, etc.
- Know about critical care pharmacology, nutrition options, ventilator and fluid management.

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Use information technology to optimize learning

**Objectives**
- Demonstrate knowledge of when consultation is appropriate
- Employ feedback from intensivist to improve his/her own practice habits

### Systems-Based Practice

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to use the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care and know how these activities can affect system performance

**Objectives**
- Recognize when consultation is appropriate and cost-effective approach to management of critical conditions
- Employ the team approach in the care of the patient

### Interpersonal and Communication Skills

**Goal**
Residents must demonstrate interpersonal and communication skills that result in effective exchange of information and teaming with patients, their families and professional associates. Residents are expected to:

**Competencies**
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory questioning and writing skills

**Objectives**
- Demonstrate the ability to convey and explain critical information to patients and families
- Assist the attending physician with appropriate medical documentation to facilitate patient care
Rotational Goals & Objectives

- Identify patient and family understanding of the circumstances

**Professionalism**

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity and respect for others
- Responsiveness to patient needs that supercedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society and the profession

**Objectives**
- Compassion, integrity and respect for patients, ancillary staff and other physicians
- Appreciation for patient privacy and knowledge of appropriate areas to discuss patient care
- Knowledge of HIPAA Laws

**Teaching Methods**
Direct patient care, Interactive teaching and patient care rounds, didactic lectures.

**Assessment Method (Residents)**
Resident Monthly Service Evaluation, In-Training and Osteopathic In-Service* examination results, review of resident patient log, nursing evaluation

**Assessment Method (Program Evaluation)**
Resident Rotation Evaluation Form

**Level of Supervision**
Direct supervision by a critical care intensivist

**Educational Resources**
Residents are expected to utilize the excellent ICU resource of “Resident ICU Course (RICU)” during their ICU rotations. Its web address is [http://sccmwww.sccm.org/ricu/RICUWelcome.aspx](http://sccmwww.sccm.org/ricu/RICUWelcome.aspx) and password to access the website will be provided to them.
Medical Subspecialties – Allergy/Immunology

Overall Goals:
- To recognize the physiology of the allergic response
- To demonstrate knowledge of immunosuppression
- To describe the mechanism of desensitization
- To implement appropriate care for the allergic patient

Osteopathic Principles and Practice

Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine. Residents are expected to:

Competencies
- Recognize the role of somatic dysfunction and the relationship of osteopathic principles and treatment on the immune system.

Objectives
- Be able to demonstrate osteopathic techniques used to augment the immune system and the role these play in maximizing health.

Patient Care

Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

Competencies
- Gather essential and accurate information about their patients
- Develop and carry out patient management plans
- Perform competently all medical and invasive procedures considered essential for the area of practice

Objectives
- Demonstrate the ability to obtain an appropriate history as it pertains to allergy and immunology.
- Demonstrate the ability to perform an appropriate physical exam as it pertains to allergy and immunology.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competencies
- To describe the physiology of the allergic response
- To demonstrate knowledge of immunosuppression
- To describe the mechanism of desensitization
- Demonstrate an investigatory and analytic thinking approach to clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to their discipline

Objectives
**Rotational Goals & Objectives**

- Employ information gathered from readings in the above subject matters as assigned by the supervising attending
- Demonstrate knowledge of which resources provide the most information for the field of allergy/immunology

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise;
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

**Objectives**
- Demonstrate knowledge of when consultation in allergy/immunology is appropriate.
- Utilize feedback from the allergist/immunologist to improve his/her own practice habits.

### Systems-Based Practice

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

**Objectives**
- Appreciate when consultation is the appropriate and cost-effective approach to management of allergy/immunologic disease processes.

### Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
### Rotational Goals & Objectives

- Accountability to patients, society, and the profession

#### Objectives
- Compassion, integrity, and respect for patients, ancillary staff, and other physicians.
- Awareness of appropriate areas to discuss patient care.
- Knowledge of how and when is it appropriate to share protected health information with fellow physicians.

### Interpersonal and Communication Skills

#### Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

#### Competencies
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

#### Objectives
- Demonstrate the ability to provide focused communication with the allergist/immunologist on pertinent medical information.
- Assist the rotation attending with appropriate medical documentation to facilitate patient care.

### Teaching Methods
- Interactive teaching rounds, office precepting with the rotation attending.

### Assessment Method (residents)
- Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results

### Assessment Method (Program Evaluation)
- Resident Rotation Evaluation Form

### Level of Supervision
- Directly supervised by the rotation attending

### Educational Resources
- Resources may include various electronic database and readings as assigned by the rotation attending
**Medical Subspecialties - Cardiology**

**Overall Goals:**
- Screen patients for cardiovascular disease risk
- Define the diagnosis and management of Acute Coronary Syndrome
- Recognize and diagnose valvular heart disease

**Osteopathic Principles and Practice**

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to cardiology as it pertains to family medicine. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the inpatient setting
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

**Objectives:**
- Perform a structural examination on admissions.
- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis of cardiovascular illness.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for the cardiac patient which may include addressing lymphatic fluid flow, thoracic cage somatic dysfunction, and increasing patient activity.

**Patient Care**

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporate the promotion of health. The resident are expected to:

**Competencies**
- Gather essential and accurate information about their patient
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Perform competently all medical and invasive procedures considered
- essential for the area of practice

**Objectives**
- Demonstrate an ability to obtain an appropriate history as it pertains to cardiology particularly when assessing cardiac risk factors
- Demonstrate the ability to perform an appropriate physical exam as it pertains to cardiology with specific attention evaluation of the heart and vascular system
- Demonstrate knowledge of cardiac class stratification as per AHA guidelines

**Medical Knowledge**

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:
### Competencies
- Manage common cardiac disorders
- Define cardiac risk and factors that affect atherosclerosis
- Explain the diagnosis and management of Acute Coronary Syndrome, STEMI, NSTEMI, Angina
- Recognize common heart murmurs, vascular heart disease, it’s diagnosis and management
- Interpret abnormal EKG findings
- Demonstrate knowledge of ACLS principles in the unstable cardiac patient

### Objectives
- Employ information gathered from readings in the above subject matter assigned by the attending physician
- Remain current with BLS and ACLS certifications
- Define the current ACLS and AHA Guidelines
- Employ knowledge gained from EKG Interpretation lectures given by the attending cardiologist and during the Educational Conferences

### Practice-Based Learning and Improvement

#### Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

#### Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Use information technology to optimize learning

#### Objectives
- Demonstrate knowledge of when consultation is appropriate for the cardiac patient
- Employ feedback from the cardiologist to improve his/her own practice habits

### Systems-Based Practice

#### Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to use the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

#### Competencies
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care and know how these activities can affect system performance

#### Objectives
- Recognize when consultation is appropriate and cost-effective approach to management of cardiovascular disease
- Employ the team approach in the care of the cardiac patient in relation to prevention, nutrition, exercise and physician follow-up
# Rotational Goals & Objectives

## Interpersonal and Communication Skills

**Goal**
Residents must demonstrate interpersonal and communication skills that result in effective exchange of information and teaming with patients, their families and professional associates. Residents are expected to:

**Competencies**
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory questioning and writing skills

**Objectives**
- Demonstrate the ability to explain cardiovascular procedures to patients and families
- Assist the attending physician with appropriate medical documentation to facilitate patient care
- Identify patient understanding of their disease state

## Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity and respect for others
- Responsiveness to patient needs that supersede self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society and the profession

**Objectives**
- Compassion, integrity and respect for patients, ancillary staff and other physicians
- Appreciation for patient privacy and knowledge of appropriate areas to discuss patient care
- Knowledge of HIPAA Laws

## Teaching Methods
Interactive teaching rounds, office precepting with rotation attending, didactic EKG lectures.

## Assessment Method (Residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In-Service* examination results, review of resident patient log

## Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form

## Level of Supervision
Direct supervision by the cardiology attending physician

## Educational Resources
Various electronic databases, readings as assigned by the cardiology attendings
### Medical Subspecialties - Dermatology

**Overall Goals:**
- Develop a relationship based on trust with a patient to instill confidence in the patient as related to the physician’s skills and to be able to refer appropriately for procedures and/or diagnoses as necessary.
- Be able to adequately identify and describe dermatological conditions for referral.
- Be able to identify the common dermatological conditions that will be seen in the family practice setting.
- Learn how to do a thorough history and physical to identify the local and systemic dermatological manifestations of illnesses.
- Learn how to bill appropriately for all procedures and visits.
- Know the basic knowledge of dermatology as it relates to the practice of family medicine.
- Have a broad understanding of the risk factors associated with dermatologic diseases.
- Understand the nature and purpose of skin, and its role as an organ.
- Family physicians should know the fundamental guidelines of dermatologic diagnosis.
- Knowledge of specific dermatologic conditions.
- Have the knowledge and skills necessary to manage common dermatologic problems.
- Know preventative aspects of dermatologic care.

### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to dermatology as it pertains to family medicine. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Develop patient management plan that is focused on treating the patient as a whole

**Objectives:**
- The resident will consider the body as a unit when review diagnoses of the skin.
- The resident will formulate a plan for the appropriate implementation of osteopathic manipulative treatment.

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information.
- Perform competently all relevant dermatological procedures
- Make informed decisions and interventions regarding the evaluation
- Develop and carry out management plans
- Counsel patients and families regarding above
- Work with the health care professionals to provide patient-focused care.

**Objectives**
• Demonstrate the ability to gather appropriate historical information from their patients as it relates to the sub-specialty of Dermatology. At a minimum, this focused history will include: Dermatology-relevant HPI, including information on the timing, context, location, severity, and quality of symptoms, as well as an assessment of associated symptoms and aggravating or alleviating factors. A relevant Past Medical Hx, use of medications, a history of surgery; or any history of other dermatological diseases. A relevant Family Hx of related dermatological disease. A Social Hx including information regarding tobacco and alcohol use, STD’s, and history of high risk sexual behavior. A relevant Review of System including information regarding: General: systemic symptoms; Endocrine: symptoms of thyroid disease, and adrenal disease.

• Demonstrate the ability to perform a dermatology-focused examination.

• Demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will be familiar with the commonly used treatments and medications relevant to dermatology such as rashes, melanomas, skin cancers, acne etc, as evidenced by a review of their findings, differential diagnosis, and plans.

• Counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competency

• Demonstrate an analytical thinking approach to the dermatologic patient.

Objectives

• Present the choices available to the patient for treatment including all the risks and benefits, ensure that the patient is an active participant in their own health care and able to make an informed consent.

• Remove common dermatological lesions such as melanoma, nevi, skin tags and treat dermatological conditions such as acne, and dermatitis.

• Ensure adequate and timely follow-up and provide patient education in all discharge instructions given to the patient.

• Ensure that a thorough evaluation of the skin is part of all patients’ exams.

• Use good time management skills when seeing patients and ensure enough time is allotted for procedures.

• Document all physical findings including: size, contour, site, marking and color of lesion.

• Ensure that all of patient medications, allergies, and problem lists are up to date.

• Attend continuing education that will ensure the physician stays current in dermatological procedures, diagnoses and treatment.

Systems-Based Practice

Goal
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies

• Work effectively in various health care delivery settings and systems relevant to how the dermatologist interacts with the family physician
Rotational Goals & Objectives

Medical Subspecialties – Endocrinology

Overall Goals:
- Diagnose and manage uncomplicated endocrine disorders
- Define the indications for surgery in the management of endocrine disorders.

Osteopathic Principles and Practice

Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine.

Residents are expected to

Competencies
- Recognize the role of somatic dysfunction and the relationship of osteopathic principles and treatment in the endocrine system.

Objectives
- Demonstrate osteopathic techniques used to augment the endocrine system and the role these play in maximizing health.

Patient Care

Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and...
appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health.
Residents are expected to:

### Competencies
- Gather essential and accurate information about their patients
- Develop and carry out patient management plans
- Perform competently all medical and invasive procedures considered essential for the area of practice

### Objectives
- Demonstrate the ability to obtain an appropriate history as it pertains to endocrinology.
- Demonstrate the ability to perform an appropriate physical exam as it pertains to endocrinology.

#### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

### Competencies
- Diagnose and manage uncomplicated endocrine disorders
- Understand the indications for surgery in the management of endocrine disorders.
- Demonstrate an investigatory and analytic thinking approach to clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to their discipline

### Objectives
- Employ information gathered from readings in the above subject matters as assigned by the supervising attending
- Demonstrate knowledge of which resources provide the most information for the field of endocrinology

#### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

### Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise;
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

### Objectives
- Demonstrate knowledge of when consultation in endocrinology is appropriate.
Rotational Goals & Objectives

- Utilize feedback from the endocrinologist to improve his/her own practice habits.

### Systems-Based Practice

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

**Objectives**
- Demonstrate when consultation is the appropriate and cost-effective approach to management of endocrine disorders.

### Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession

**Objectives**
- Compassion, integrity, and respect for patients, ancillary staff, and other physicians.
- Awareness of appropriate areas to discuss patient care.
- Knowledge of how and when to appropriately share protected health information with fellow physicians.

### Interpersonal and Communication Skills

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

**Objectives**
- Demonstrate the ability to provide focused communication with the endocrinologist on pertinent medical information.
### Rotational Goals & Objectives

- Assist the rotation attending with appropriate medical documentation to facilitate patient care.

### Teaching Methods
Interactive teaching rounds, office precepting with the rotation attending.

### Assessment Method (residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results

### Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form

### Level of Supervision
Directly supervised by the rotation attending

### Educational Resources
Resources may include various electronic database and readings as assigned by the rotation attending

### Medical Subspecialties – Gastroenterology

**Overall Goals:**
1. Screen appropriately for colorectal cancer.
2. Appreciate the role of osteopathic practices and principles in the diagnosis and management of gastrointestinal disease.
3. Define the indications for surgery in gastrointestinal disease.
4. Manage uncomplicated diseases of the gastrointestinal system.

### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine. Residents are expected to:

**Competencies**
- Recognize the role of osteopathic practices and principles in the diagnosis and management of gastrointestinal disease.

**Objectives**
- Demonstrate osteopathic techniques used to augment the gastrointestinal system and the role these play in maximizing health.

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information about their patients
- Develop and carry out patient management plans
- Perform competently all medical and invasive procedures considered essential for the area of practice

**Objectives**
### Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Goal</th>
<th>Competencies</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Medical Knowledge</strong></td>
<td>• Screen appropriately for colorectal cancer.</td>
<td>• Employ information gathered from readings in the above subject matters as</td>
</tr>
<tr>
<td>Goal</td>
<td>• Know the indications for surgery in gastrointestinal disease.</td>
<td>assigned by the supervising attending</td>
</tr>
<tr>
<td>Residents must demonstrate knowledge of established and evolving</td>
<td>• Manage uncomplicated diseases of the gastrointestinal system.</td>
<td>• Demonstrate knowledge of which resources provide the most information for</td>
</tr>
<tr>
<td>sciences, demonstrate and apply knowledge of accepted standards of</td>
<td>• Demonstrate an investigatory and analytic thinking approach to clinical</td>
<td>the field of gastroenterology</td>
</tr>
<tr>
<td>clinical medicine to their practice, and remain current with new</td>
<td>situations</td>
<td></td>
</tr>
<tr>
<td>developments in medicine. Residents are expected to:</td>
<td>• Know and apply the basic and clinically supportive sciences which are</td>
<td></td>
</tr>
<tr>
<td></td>
<td>appropriate to their discipline</td>
<td></td>
</tr>
<tr>
<td><strong>Practice-Based Learning and Improvement</strong></td>
<td><strong>Competencies</strong></td>
<td><strong>Objectives</strong></td>
</tr>
<tr>
<td>Goal</td>
<td>• Identify strengths, deficiencies and limits in one’s knowledge and</td>
<td>• Demonstrate knowledge of when consultation in gastroenterology is</td>
</tr>
<tr>
<td>Residents must demonstrate the ability to investigate and evaluate</td>
<td>expertise;</td>
<td>appropriate.</td>
</tr>
<tr>
<td>their care of patients, to appraise and assimilate scientific</td>
<td>• Set learning and improvement goals</td>
<td>• Utilize feedback from the gastroenterologist to improve his/her own</td>
</tr>
<tr>
<td>evidence, and to continuously improve patient care based on constant</td>
<td>• Identify and perform appropriate learning activities</td>
<td>practice habits.</td>
</tr>
<tr>
<td>self-evaluation and life long learning. Residents are expected to:</td>
<td>• Incorporate formative evaluation feedback into daily practice</td>
<td>• Use information technology to optimize learning</td>
</tr>
<tr>
<td></td>
<td>• Locate, appraise and assimilate evidence from scientific studies related</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to their patients’ health problems</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Use information technology to optimize learning</td>
<td></td>
</tr>
<tr>
<td><strong>Systems-Based Practice</strong></td>
<td><strong>Competencies</strong></td>
<td><strong>Objectives</strong></td>
</tr>
<tr>
<td>Goal</td>
<td>• Coordinate patient care within the health care system relevant to their</td>
<td>• Coordinate patient care within the health care system relevant to their</td>
</tr>
<tr>
<td>Residents must demonstrate an understanding of health care delivery</td>
<td>clinical specialty</td>
<td>clinical specialty</td>
</tr>
<tr>
<td>systems, an ability to utilize the various resources in the system</td>
<td>• Advocate for quality patient care and optimal patient care systems</td>
<td>• Advocate for quality patient care and optimal patient care systems</td>
</tr>
<tr>
<td>to provide optimal, cost-effective health care. Residents are</td>
<td>• Advocate for quality patient care and optimal patient care systems</td>
<td></td>
</tr>
<tr>
<td>expected to:</td>
<td>• Advocate for quality patient care and optimal patient care systems</td>
<td></td>
</tr>
</tbody>
</table>
### Rotational Goals & Objectives

- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

### Objectives
- Demonstrate when consultation is the appropriate and cost-effective approach to management of endocrine disorders.

### Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession

**Objectives**
- Compassion, integrity, and respect for patients, ancillary staff, and other physicians.
- Awareness of appropriate areas to discuss patient care.
- Knowledge of how and when to appropriately share protected health information with fellow physicians.

### Interpersonal and Communication Skills

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

**Objectives**
- Demonstrate ability to provide focused communication with the gastroenterologist on pertinent medical information.
- Assist the rotation attending with appropriate medical documentation to facilitate patient care.

### Teaching Methods
Interactive teaching rounds, office precepting with the rotation attending.

### Assessment Method (residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results

### Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form
### Level of Supervision
Directly supervised by the rotation attending

### Educational Resources
Resources may include various electronic database and readings as assigned by the rotation attending

#### Medical Subspecialties – Hematology/Oncology

**Overall Goals:**
- Manage common hematologic disorders.
- Define hematopoiesis.
- Describe the diagnosis and management of coagulopathies.
- Screen for and diagnose common cancers.
- Participate with the oncologist in the care of cancer patients.
- Utilize a team approach for the care of cancer patients.
- Utilize hospice in the management of the terminally ill.

#### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine. Residents are expected to

**Competencies**
- Recognize the role of osteopathic practices and principles in the diagnosis and management of hematologic and oncologic disease.

**Objectives**
- Demonstrate osteopathic techniques used to augment the both the hematologic and oncologic systems and the role these play in maximizing health.

#### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information about their patients
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Perform competently all medical and invasive procedures considered essential for the area of practice

**Objectives**
- Demonstrate the ability to obtain an appropriate history as it pertains to hematology/oncology.
- Demonstrate the ability to perform an appropriate physical exam as it pertains to hematology/oncology.
- Demonstrate the ability to know when end of life discussions are appropriate during patient care.
### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Manage common hematologic disorders.
- Define hematopoiesis.
- Describe the diagnosis and management of coagulopathies.
- Screen for and diagnose common cancers.
- Demonstrate an investigatory and analytic thinking approach to clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to their discipline

**Objectives**
- Employ information gathered from readings in the above subject matters as assigned by the supervising attending
- Demonstrate knowledge of which resources provide the most information for the field of hematology/oncology

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

**Objectives**
- Demonstrate knowledge of when consultation in hematology/oncology is appropriate.
- Utilize feedback from the hematologist/oncologist to improve his/her own practice habits.

### Systems-Based Practice

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
## Rotational Goals & Objectives

### Professionalism

#### Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

#### Competencies
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession

#### Objectives
- Compassion, integrity, and respect for patients, ancillary staff, and other physicians.
- Awareness of appropriate areas to discuss patient care.
- Knowledge of how and when to appropriately share protected health information with fellow physicians.

### Interpersonal and Communication Skills

#### Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

#### Competencies
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

#### Objectives
- Demonstrate the ability to provide focused communication with the hematologist/oncologist on pertinent medical information.
- Assist the rotation attending with appropriate medical documentation to facilitate patient care.

### Teaching Methods
Interactive teaching rounds, office precepting with the rotation attending.

### Assessment Method (residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results

### Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form

### Level of Supervision
Rotational Goals & Objectives

**Educational Resources**
Resources may include various electronic database and readings as assigned by the rotation attending

## Medical Subspecialties – Infectious Disease

### Overall Goals:
- Diagnose and manage common infectious diseases.
- Describe the epidemiology of infectious diseases.
- Appreciate the role of the health care team in the control of infectious disease.
- Illustrate the role of the immune system in health and disease.
- Demonstrate knowledge of the role of antibacterial, anti-fungal, and anti-viral agents in the management of infectious disease.

## Osteopathic Principles and Practice

### Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine. Residents are expected to

### Competencies
- Recognize the role of somatic dysfunction and the relationship of osteopathic principles and treatment in infectious diseases.

### Objectives
- Demonstrate osteopathic techniques used to augment the immune system and the role these play in maximizing health.

## Patient Care

### Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

### Competencies
- Gather essential and accurate information about their patients
- Develop and carry out patient management plans
- Perform competently all medical and invasive procedures considered essential for the area of practice

### Objectives
- Demonstrate the ability to obtain an appropriate history as it pertains to infectious diseases.
- Demonstrate the ability to perform an appropriate physical exam as it pertains to infectious diseases.

## Medical Knowledge

### Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Competencies</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developments in medicine. Residents are expected to:</td>
<td>Employ information gathered from readings in the above subject matters as assigned by the supervising attending</td>
</tr>
<tr>
<td>Competencies</td>
<td>Demonstrate knowledge of which resources provide the most information for the field of infectious diseases</td>
</tr>
<tr>
<td>• Diagnose and manage common infectious diseases.</td>
<td></td>
</tr>
<tr>
<td>• Describe the epidemiology of infectious diseases.</td>
<td></td>
</tr>
<tr>
<td>• Comprehend the role of the immune system in health and disease.</td>
<td></td>
</tr>
<tr>
<td>• Define the role of antibacterial, anti-fungal, and anti-viral agents in the management of infectious disease.</td>
<td></td>
</tr>
<tr>
<td>• Demonstrate an investigatory and analytic thinking approach to clinical situations</td>
<td></td>
</tr>
<tr>
<td>• Know and apply the basic and clinically supportive sciences which are appropriate to their discipline</td>
<td></td>
</tr>
</tbody>
</table>

**Practice-Based Learning and Improvement**

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

**Objectives**
- Demonstrate knowledge of when consultation in infectious diseases is appropriate.
- Utilize feedback from the infectious disease specialist to improve his/her own practice habits.

**Systems-Based Practice**

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
Rotational Goals & Objectives

- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

**Objectives**
- Appreciate the role of the health care team in the control of infectious disease.
- Demonstrate when consultation is the appropriate and cost-effective approach to management of infectious diseases.

**Professionalism**

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession

**Objectives**
- Compassion, integrity, and respect for patients, ancillary staff, and other physicians.
- Awareness of appropriate areas to discuss patient care.
- Knowledge of how and when to appropriately share protected health information with fellow physicians.

**Interpersonal and Communication Skills**

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

**Objectives**
- Demonstrate the ability to provide focused communication with the infectious disease specialist on pertinent medical information.
- Assist the rotation attending with appropriate medical documentation to facilitate patient care.

**Teaching Methods**
Interactive teaching rounds, office precepting with the rotation attending.

**Assessment Method (residents)**
Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results

**Assessment Method (Program Evaluation)**
Resident Rotation Evaluation Form

**Level of Supervision**
Directly supervised by the rotation attending
### Rotational Goals & Objectives

**Educational Resources**
Resources may include various electronic database and readings as assigned by the rotation attending

---

### Medical Subspecialties – Neurology

**Overall Goals:**
- Diagnose and manage common disorders of the nervous system.

---

### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine. Residents are expected to

**Competencies**
- Recognize the role of somatic dysfunction and the relationship of osteopathic principles and treatment in the neurologic system.

**Objectives**
- Demonstrate osteopathic techniques used to address the neurologic system and the role these play in maximizing health.
- Appreciate the role osteopathic manipulation plays in the management of neurologic disorders.

---

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information about their patients
- Develop and carry out patient management plans
- Perform competently all medical and invasive procedures considered essential for the area of practice

**Objectives**
- Demonstrate the ability to obtain an appropriate history as it pertains to neurology.
- Demonstrate the ability to perform an appropriate physical exam as it pertains to neurology.

---

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:
Rotational Goals & Objectives

Competencies
- Diagnose and manage common disorders of the nervous system.
- Demonstrate an investigatory and analytic thinking approach to clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to their discipline

Objectives
- Employ information gathered from readings in the above subject matters as assigned by the supervising attending
- Demonstrate knowledge of which resources provide the most information for the field of neurology

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

Objectives
- Demonstrate knowledge of when consultation in neurology is appropriate.
- Utilize feedback from the neurologist to improve his/her own practice habits.

Systems-Based Practice

Goal
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

Objectives
- Demonstrate when consultation is the appropriate and cost-effective approach to management of endocrine disorders.

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession

**Objectives**
- Compassion, integrity, and respect for patients, ancillary staff, and other physicians.
- Awareness of appropriate areas to discuss patient care.
- Knowledge of how and when to appropriately share protected health information with fellow physicians.

### Interpersonal and Communication Skills

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

**Objectives**
- Demonstrate the ability to provide focused communication with the neurologist on pertinent medical information.
- Assist the rotation attending with appropriate medical documentation to facilitate patient care.

### Teaching Methods
Interactive teaching rounds, office precepting with the rotation attending.

### Assessment Method (Residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results

### Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form

### Level of Supervision
Directly supervised by the rotation attending

### Educational Resources
Resources may include various electronic database and readings as assigned by the rotation attending

### Medical Subspecialties – Pulmonology

**Overall Goals:**
- Perform a preoperative pulmonary assessment.
- Diagnose and manage common pulmonary diseases.

### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine. Residents are expected to

**Competencies**
- Recognize the role of somatic dysfunction and the relationship of osteopathic principles and treatment in the pulmonary system.

**Objectives**
- Demonstrate osteopathic techniques used to augment the pulmonary system and the role these play in maximizing health.
- Utilize viscerosomatic dysfunctions to assist in physical diagnosis.
- Comprehend the role of osteopathic manipulation in the treatment of pulmonary disease.

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information about their patients
- Develop and carry out patient management plans
- Perform competently all medical and invasive procedures considered essential for the area of practice

**Objectives**
- Demonstrate the ability to obtain an appropriate history as it pertains to pulmonology.
- Demonstrate the ability to perform an appropriate physical exam as it pertains to pulmonology.

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Perform a preoperative pulmonary assessment.
- Diagnose and manage common pulmonary diseases.
- Demonstrate an investigatory and analytic thinking approach to clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to their discipline

**Objectives**
- Employ information gathered from readings in the above subject matters as assigned by the supervising attending
Rotational Goals & Objectives

- Demonstrate knowledge of which resources provide the most information for the field of pulmonology

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

**Objectives**
- Demonstrate knowledge of when consultation in pulmonology is appropriate.
- Utilize feedback from the pulmonologist to improve his/her own practice habits.

### Systems-Based Practice

**Goal**
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

**Objectives**
- Demonstrate when consultation is the appropriate and cost-effective approach to management of pulmonary disorders.

### Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession

**Objectives**
### Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Goal</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Compassion, integrity, and respect for patients, ancillary staff,</td>
<td>• Demonstrate the ability to provide focused communication with the pulmonologist on pertinent</td>
</tr>
<tr>
<td>and other physicians.</td>
<td>medical information.</td>
</tr>
<tr>
<td>• Awareness of appropriate areas to discuss patient care.</td>
<td>• Assist the rotation attending with appropriate medical documentation to facilitate patient care.</td>
</tr>
<tr>
<td>• Knowledge of how and when to appropriately share protected</td>
<td></td>
</tr>
<tr>
<td>health information with fellow physicians.</td>
<td></td>
</tr>
</tbody>
</table>

#### Interpersonal and Communication Skills

<table>
<thead>
<tr>
<th>Goal</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residents must demonstrate interpersonal and communication skills</td>
<td>• Demonstrate the ability to provide focused communication with the pulmonologist on pertinent</td>
</tr>
<tr>
<td>that result in the effective exchange of information and teaming</td>
<td>medical information.</td>
</tr>
<tr>
<td>with patients, their families, and professional associates. Residents</td>
<td>• Assist the rotation attending with appropriate medical documentation to facilitate patient care.</td>
</tr>
<tr>
<td>are expected to:</td>
<td></td>
</tr>
</tbody>
</table>

#### Competencies

- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

#### Objectives

- Demonstrate the ability to provide focused communication with the pulmonologist on pertinent medical information.
- Assist the rotation attending with appropriate medical documentation to facilitate patient care.

#### Teaching Methods

Interactive teaching rounds, office precepting with the rotation attending.

#### Assessment Method (residents)

Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results

#### Assessment Method (Program Evaluation)

Resident Rotation Evaluation Form

#### Level of Supervision

Directly supervised by the rotation attending

#### Educational Resources

Resources may include various electronic database and readings as assigned by the rotation attending

### Medical Specialties – Rheumatology

**Overall Goals:**

- Diagnose and manage common disorders of the musculoskeletal system.
- Diagnose diffuse connective tissue disease.

### Osteopathic Principles and Practice

**Goal**

Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine

**Competencies**

- Recognize the role of somatic dysfunction and the relationship of osteopathic principles and treatment in rheumatologic disease.
- Comprehend the role osteopathic manipulation plays in the management of patients with rheumatologic disease.

**Objectives**
- Demonstrate osteopathic techniques used to augment treatment of rheumatologic disorders and the role these play in maximizing health.

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information about their patients
- Develop and carry out patient management plans
- Perform competently all medical and invasive procedures considered essential for the area of practice

**Objectives**
- Demonstrate the ability to obtain an appropriate history as it pertains to rheumatology.
- Demonstrate the ability to perform an appropriate physical exam as it pertains to rheumatology.

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Diagnose and manage common disorders of the musculoskeletal system.
- Diagnose diffuse connective tissue disease.
- Demonstrate an investigatory and analytic thinking approach to clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to their discipline

**Objectives**
- Employ information gathered from readings in the above subject matters as assigned by the supervising attending
- Demonstrate knowledge of which resources provide the most information for the field of rheumatology

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
Rotational Goals & Objectives

- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

Objectives
- Demonstrate knowledge of when consultation in rheumatology is appropriate.
- Utilize feedback from the rheumatologist to improve his/her own practice habits.

Systems-Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Coordinate patient care within the health care system relevant to their clinical specialty
- Advocate for quality patient care and optimal patient care systems
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

Objectives
- Demonstrate when consultation is the appropriate and cost-effective approach to management of endocrine disorders.

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Competencies
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession

Objectives
- Compassion, integrity, and respect for patients, ancillary staff, and other physicians.
- Awareness of appropriate areas to discuss patient care.
- Knowledge of how and when to appropriately share protected health information with fellow physicians.

Interpersonal and Communication Skills

Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

Competencies
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
Rotational Goals & Objectives

- Maintain comprehensive, timely, and legible medical records
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

Objectives
- Demonstrate the ability to provide focused communication with the rheumatologist on pertinent medical information.
- Assist the rotation attending with appropriate medical documentation to facilitate patient care.

Teaching Methods
Interactive teaching rounds, office precepting with the rotation attending.

Assessment Method (Residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In Service* examination results

Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form

Level of Supervision
Directly supervised by the rotation attending

Educational Resources
Resources may include various electronic database and readings as assigned by the rotation attending

Internal Medicine
Overall Goals: The resident is expected to know how to manage the inpatient care of adults with complicated, multi-system medical problems with emphasis on:
- Recognizing the pathophysiology, diagnosis and management of common complex internal medicine diseases such as diabetes mellitus, cancer, drug and alcohol toxicity/abuse, cerebrovascular disease, coronary artery disease, COPD, GI bleeding, congestive heart failure and renal disease in an inpatient setting

Osteopathic Principles and Practice
Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to internal medicine as it pertains to family medicine. Residents are expected to:

Competencies:
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the inpatient setting
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

Objectives:
- Perform a structural examination on all patients admitted to the inpatient service.
- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
Rotational Goals & Objectives

- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for inpatient care.

Patient Care

Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate and demonstrates an awareness of social and behavioral issues and the promotion of health.

Residents are expected to:

Competencies
- Coordinate the care of assigned patients with the attending by:
  - performing histories and physicals
  - writing daily progress notes
  - writing orders
  - developing discharge plans
  - completing discharge summaries
- Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preference, up-to-date scientific evidence, and clinical judgment
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Use information technology to support patient care decisions and patient education
- Perform competently all medical and invasive procedures considered essential for the area of practice
- Provide health care services aimed at preventing health problems or maintaining health
- Work with health care professionals, including those from other disciplines, to provide patient-focused care

Objectives
- Manage, in collaboration with the attending, ten to fifteen assigned patients with a focus on ICU patients
- Write on-service notes the first day of the rotation
- Perform and document history and physical exams on admission
- Make daily rounds
- Write daily progress notes using a SOAP format. This note should include proposed management and rationale for it. This should be done prior to reviewing the care with the attending
- Assist in discharge planning, follow-up care and discharge summary
- Write off service notes on the last day of the rotation

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competencies
- Know and apply the basic and clinically supportive sciences in the evaluation of adult inpatients
Rotational Goals & Objectives

- Demonstrate analytic thinking in evaluating inpatient adult patients
- Be a role model and critical part of the team providing care to adult patients

**Objectives**
- Demonstrate the knowledge and skills required for the assessment and management of the adult hospitalized patient. This may include but is not limited to the following common areas requiring hospitalization:
  - Altered mental status
  - Asthma exacerbation
  - Cerebrovascular accident
  - COPD exacerbation
  - Congestive heart failure
  - Acute coronary artery disease
  - Dehydration
  - Diabetes Mellitus
  - Hypertension
  - Meningitis
  - Pneumonia
  - Seizure disorder
  - Sepsis
  - Shock
- Demonstrate ability to prioritize complex medical problems during the inpatient stay

**Practice-Based Learning and Improvement**

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise in internal medicine
- Set learning and improvement goals for internal medicine
- Identify and perform appropriate learning activities for internal medicine
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

**Objectives**
- Analyze previous experience, performance on standardized tests and evaluations to understand one’s strengths and limitations in internal medicine
- Meet learning and improvement goals for the internal medicine rotation
- Participate in learning activities which will help meet the internal medicine requirements
- Comprehend scientific studies that relate to patients seen on the internal medicine rotation
- Access on-line medical information regarding scientific studies to apply to care given on the internal medicine rotation

**Systems-Based Practice**

**Goal**
Residents must demonstrate an understanding of health care delivery systems and an ability to utilize the
various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Work in interprofessional teams to enhance patient safety and improve patient care quality for adults in the inpatient setting
- Advocate for quality patient care and assist patients in dealing with system complexities in the inpatient setting

**Objectives**
- Comprehend the role the play in providing care to a variety of adult inpatients with other members of the interprofessional team with a goal of enhancing patient safety and improving quality of patient care
- Demonstrate the ability to address patient concerns regarding the inpatient setting with respect to system complexities

**Professionalism**

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others in the inpatient setting
- Respect for patient privacy and autonomy in the inpatient setting
- Sensitivity and responsiveness to patients’ culture, age, gender, sexual orientation, and disabilities in the inpatient setting

**Objectives**
- Care for various patients in the inpatient setting while applying the principles of compassion, integrity and respect
- Care for patients in the inpatient setting in various situations while maintaining privacy and supporting patient autonomy
- Apply the principles of diversity while caring for patient populations in the inpatient setting having a range of demographics with respect to gender, age, culture, race, religion, disabilities and sexual orientation.

**Teaching Methods**
Direct patient care in the inpatient setting, lectures and reading materials as recommended by rotation attendings, ACLS course

**Assessment Method (Residents)**
Resident Rotation Evaluation, In-Training and Osteopathic In-Service examination results

**Assessment Method (Program Evaluation)**
Resident Rotation Evaluation Form

**Level of Supervision**
Direct supervision by the Adult Hospitalist attendings

**Educational Resources**
Harrison’s Internal Medicine, Dynamed

---

**Care of Neonates, Infants, Children and Adolescents (Pediatrics)**
Overall Goals:
- To develop knowledge and skills to provide care to neonates, children and adolescents
- To recognize and co-manage the acutely ill neonate, child or adolescent
- To assess and manage patients seen with the pediatric hospitalist at pediatric clinic
- Understand and apply the health maintenance and prevention protocols to pediatric patients.
- To learn normal childhood developmental milestones and recognize deviations from normal.
- Develop skills in managing problems specific to adolescents; such as anatomy, body image, sexuality, risk-taking behavior and substance abuse.

Osteopathic Principles and Practice

Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to pediatrics as it pertains to family medicine. Residents are expected to:

Competencies:
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the care of the pediatric patient
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

Objectives:
- Perform a structural examination on all patients admitted to the pediatric service.
- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for pediatric inpatient care.

Patient Care

Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues. Residents are expected to:

Competencies
- Gather essential and accurate information.
- Perform competently all relevant medical procedures
- Make informed decisions and interventions regarding the evaluation
- Develop and carry out management plans
- Counsel patients and families regarding above
- Provide health care services aimed at preventing health problems or maintaining health.

Objectives
- The resident will demonstrate the ability to gather appropriate historical information from patients including an appropriate birth history. At a minimum, this focused history will include:
- Relevant HPI, and Past History including information on the timing, context, location, severity, and quality of symptoms, as well as an assessment of associated environmental, occupational and social characteristics.
## Rotational Goals & Objectives

- A Social Hx including information regarding pregnancy related problems of mothers of neonates and children
- The resident must demonstrate the ability to perform a complete physical exam of pediatric patients including a developmental assessment
- The resident will demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will be familiar with the immunizations schedule and pediatric medication dosages
- The resident will counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competency**
- Demonstrate an analytical approach to the pediatric patient and provide appropriate patient care

**Objectives**
- The resident will demonstrate a knowledge of, and the ability to diagnose and treat the ill pediatric patient requiring hospitalization including but not limited to: respiratory illness, gastrointestinal disease and management of fluid balance, infectious diseases, developmental delays, problems of psychosocial development and child abuse
- The resident will demonstrate the ability to perform appropriate pediatric procedures including pediatric circumcision

### Practice–Based Learning and Improvement

**Goal**
Residents must demonstrate their ability to investigate and evaluate their care of pediatric patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competency**
- Set learning and improvement goals
- Identify strengths and limits in one’s knowledge of hospitalized pediatric patients and those in the out-patient setting

**Objectives**
- The resident will keep a log of patients seen, review this with their advisor and review a plan for reaching improvement goals
- The resident will keep a log of patients seen and seek feedback from pediatric hospitalists and upper year resident regarding progress in their management of pediatric patients

### Systems-Based Practice

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Advocate for quality patient care and assist patients in dealing with system complexities
- Coordinate patient care within the health care system relevant to their clinical specialty
## Rotational Goals & Objectives

| Objectives | Demonstrating the ability to function as a team member and assist patients by educating them about their disease process and ways to access agencies available to them
| Demonstrating the ability to coordinate patients care within the various community agencies and referrals to sub-specialists |

### Professionalism

**Goal**

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**

- Compassion, integrity and respect for others
- Respect for patient privacy and autonomy

**Objectives**

- Demonstrate a team approach to patient care by utilizing and interacting with members of the health care team
- Comprehension of patient privacy as it pertains to the pediatric patient with consideration of parental rights and concerns

### Interpersonal and Communication Skills

**Goal**

Residents must demonstrate interpersonal and communication skills that result in effective exchange of information and teaming with patients, their families and professional associates. Residents are expected to:

**Competencies**

- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Maintain comprehensive, timely and legible medical records
- Recognize and respond to privacy issues in relation to sharing sensitive information about adolescents and emancipated minors as required by law.

**Objectives**

- Residents will keep members of the team aware of the treatments plan,
- maintain contact with the patient’s PCP and provide the patient and/or guardian with written treatment plans

### Teaching Methods

Direct observation within hospital, office and pediatric clinic, inter-active teaching during office hours settings, shadowing and co-resident teaching by upper year resident

### Assessment Method (residents)

The objectives listed under Patient Care above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending physicians at the conclusion of the rotation.

The attainment of competency in the skills of counseling the patient and family as to the recommended treatment plan is assessed by periodic direct or indirect (video) observation.

### Assessment Method (Program Evaluation)

Periodic review of the Pediatric rotation evaluations at Curriculum meetings, which includes review of all rotation evaluations by preceptors and residents, staff evaluations of residents and any additional anonymous
## Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Level of Supervision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervision of the rotation is provided by pediatric hospitalists, neonatologists, and faculty physicians and oversight by the upper year resident.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Educational Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harrison’s Pediatrics, MDConsult, ePocrates, hospital library and other System resources, AAFP preventive health care guidelines, CDC Immunization Tables.</td>
</tr>
</tbody>
</table>
**Care of Neonates, Infants, Children and Adolescents (Pediatrics)**

**Overall Goals:**

- To develop knowledge and skills to provide care to neonates, children and adolescents and identify patients requiring consultation with sub-specialists
- To recognize and manage the acutely ill neonate, child or adolescent
- To assess and manage patients seen with the pediatric hospitalist at pediatric clinic
- Understand and apply the health maintenance and prevention protocols to pediatric patients.
- To learn normal childhood developmental milestones, recognize deviations from normal and initiate management, or appropriate referral
- To oversee the admission in patient care and discharge process of pediatric patients and guide the intern as he/she develops this skill.

**Osteopathic Principles and Practice**

**Goal**

Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to pediatrics as it pertains to family medicine. Residents are expected to:

**Competencies:**

- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the care of the pediatric patient
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

**Objectives:**

- Perform a structural examination on all patients admitted to the pediatric service.
- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for pediatric inpatient care.
- Demonstrate ability to instruct junior residents and students on the incorporation of the OMM skills.

**Patient Care**

**Goal**

Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues. Residents are expected to:

**Competencies**

- Gather essential and accurate information.
- Perform competently all relevant medical procedures
- Make informed decisions and interventions regarding the evaluation
- Develop and carry out management plans
- Counsel patients and families regarding above.
- Provide health care services aimed at preventing health problems or maintaining health.

**Objectives**

- Demonstrate the ability to gather appropriate historical information from patients including an appropriate birth history. At a minimum, this focused history will include: relevant HPI, and Past History including information on the timing, context, location, severity, and quality of symptoms, as
well as an assessment of associated environmental, occupational and social characteristics. A Social Hx including information regarding pregnancy related problems of mothers of neonates and children

- Demonstrate the ability to perform a complete physical exam of pediatric patients including a developmental assessment
- Demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will know the immunizations schedule and appropriate pediatric medication dosages
- Counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competency
- Demonstrate an analytical approach to the pediatric patient and provide appropriate patient care
- The resident will recognize and refer those pediatric patients requiring sub-specialist care
- The upper year resident will develop their skills as teachers of interns and medical students.

Objectives
- Demonstrate a knowledge of, and the ability to diagnose and treat the ill pediatric patient requiring hospitalization including but not limited to: respiratory illness, gastrointestinal disease and management of fluid balance, infectious diseases, developmental delays, problems of psychosocial development and child abuse
- Demonstrate the ability to perform appropriate pediatric procedures including pediatric circumcision
- Demonstrate an ability to teach and guide the medical student and intern on the rotation
- Attend the pediatric sub-specialist clinics and learn the initial evaluation of patients referred there.

Practice–Based Learning and Improvement

Goal
Residents must demonstrate their ability to investigate and evaluate their care of pediatric patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competency
- use information technology to manage information, access on-line medical information and support their own education
- the resident will facilitate the learning of students, intern and other health care professionals

Objectives
- Discuss the management of patients with the team and provide current literature to support their management plan
- Provide feedback to the students and interns, review all orders, progress notes and patient interactions.

Systems-Based Practice

Goal
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:
### Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Competencies</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Advocate for quality patient care and assist patients in dealing with system complexities</td>
<td>• Demonstrate the ability to function as a team member and assist patients by educating them about their disease process and ways to access agencies available to them</td>
</tr>
<tr>
<td>• Incorporate considerations of cost awareness and risk-benefit analysis in patient care</td>
<td>• Demonstrate the ability to coordinate patients care within a cost-effective manner particularly with appropriate medication choices</td>
</tr>
</tbody>
</table>

### Professionalism

**Goal**

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**

• Compassion, integrity and respect for others
• Respect for patient privacy and autonomy

**Objectives**

• Residents will demonstrate a team approach to patient care by utilizing and interacting with members of the health care team
• Residents will treat pediatric patients with the same privacy afforded adult patients with consideration of parental rights and concerns
• Residents will role-model sensitivity toward patients of all races, sexual orientation and cultures

### Interpersonal and Communication Skills

**Goal**

Residents must demonstrate interpersonal and communication skills that result in effective exchange of information and teaming with patients, their families and professional associates. residents are expected to:

**Competencies**

• Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
• Act in a consultative role to other physicians and health professionals

**Objectives**

• Keep members of the team aware of the treatment plan, maintain contact with the patient’s PCP and provide the patient and/or guardian with written treatment plans
• Review progress notes, orders and patient interactions of students and interns and provide feedback to them

### Teaching Methods

Direct observation within hospital, office and pediatric clinic, inter-active teaching during office hours settings, shadowing and co-resident teaching by upper year resident, small group discussions and presentations following in patient rounds.

### Assessment Method (residents)

The objectives listed under Patient Care above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending physicians at the conclusion of the rotation.

The attainment of competency in the skills of counseling the patient and family as to the recommended
Rotational Goals & Objectives

**Obstetrics**

**Overall Goals:**
- To develop knowledge of the care of common obstetrical problems seen in the office setting.
- Learn the evaluation and management of the obstetrical patient in the hospital setting, and the relevant post-hospital care needs.
- Gain proficiency in the management of obstetrical emergency care and the appropriate use of consultation.
- Understand and apply the health maintenance and prevention activities necessary for the outpatient care of the obstetrical patient.

**Osteopathic Principles and Practice**

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to obstetrical care as it pertains to family medicine. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the obstetrical setting
- Formulate osteopathic treatment plan specific to the patient

**Objectives:**
- Perform a structural examination on all patients admitted to the service.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for the obstetrical patient with attention paid to pelvic and sacral mechanics.

**Patient Care**

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information.
Rotational Goals & Objectives

- Perform competently all relevant medical procedures
- Make informed decisions and interventions regarding the evaluation
- Develop and carry out management plans.
- Counsel patients and families regarding above.
- Work with the health care professionals to provide patient-focused care.

Objectives
- Demonstrate the ability to gather appropriate historical information from their patients as it relates to the sub-specialty of obstetrics. At a minimum, this focused history will include:
  - Obstetrically-relevant HPI, including information on LMP, form of contraception, as well as menstrual regularity, bleeding, pain, nausea and vomiting.
  - Appropriate Past Medical Hx, including at a minimum, a history of menarche, obstetrical history and prior pregnancy outcomes, use of medications, STD history, a history of obstetrical surgery, or any history of other obstetrical conditions.
  - Appropriate Family Hx: of related obstetrical problems and complications.
  - A Social Hx including information regarding substance abuse, tobacco and alcohol use.
  - Appropriate ROS: including information regarding:
    - General: systemic symptoms
    - Abdomen: changes in bowel and bladder habits, pain, bleeding
    - Endocrine: symptoms of thyroid disease.
- Demonstrate the ability to perform an Obstetrically-focused examination including, but not limited to, the following: examinations of the neck, breast, abdomen, pelvis, and anus/rectum.
- Demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will be familiar with the commonly used treatments and medications relevant to obstetrics, as evidenced by a review of their findings, differential diagnosis, and plans.
- Counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competencies
- Demonstrate an analytical thinking approach to the obstetrical patient.
- Become capable of managing a normal pregnancy and delivery.
- Provide instruction in the biological and psychosocial impacts on a woman and her family of pregnancy, delivery, and care of the newborn.
- Demonstrate the ability to recognize and provide initial management of the high-risk prenatal patient, including consultation and referral.
- Recognize and manage complications and emergencies in pregnancy, labor, and delivery. Residents also will receive training in genetic counseling. When appropriate for the resident's future practice and patient care, the resident will be trained in the management of the high-risk prenatal patient.
### Objectives
- The resident will demonstrate knowledge of the care of common obstetrical problems seen in the office setting and hospital setting such as:
  - The management of emergency obstetrical care and the appropriate use of consultation.
  - Preconception, ante partum and postpartum care through visits at the clinic.
  - Management of normal and high risk pregnancies.
  - Management of complications of pregnancy and birth.
  - Management of normal labor and induction and labor.
  - Management of pre-existing diseases during pregnancy.
  - Coordination of care with MFM, specialists, and primary care providers as relates to obstetrical patients.
  - Contraception, sterilization and non-directive abortion counseling.
  - Awareness and screening for domestic violence and sexual abuse in pregnancy.
  - Repair of episiotomy and assessment of obstetrical lacerations and trauma.
  - Demonstration of the ability to perform vaginal delivery and amniotomy.

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Understand how pre-conception and prenatal screening/care in primary care can identify patients in need of treatment and preventive interventions and how this can yield improved outcomes for mother and fetus.

**Objectives**
- Identify screening/prenatal care methods that can be used by a primary care physician to detect obstetrical problems.
- Describe how screening/prenatal care can yield improved outcomes.

### Systems-Based Practice

**Goal**
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Work effectively in various health care delivery settings and systems relevant to obstetrics.
- Coordinate patient care within the health care system relevant to obstetrics.

**Objectives**
- Residents will demonstrate the ability to function as a team member in the clinic and in Labor and Delivery, coordinating services including but not exclusive to Pharmacy, Social Work, and Behavioral Health to optimize obstetrical outcomes.
- Residents will demonstrate the ability to effectively and efficiently utilize the consultation services of Maternal Fetal Medicine Specialists, Neonatologists, and other physicians that the obstetrical patient may require to evaluate and manage medical conditions that arise during her pregnancy.

### Professionalism
### Rotational Goals & Objectives

| Goal | Residents must demonstrate a commitment to carrying out professional responsibilities and adherence to ethical principles. Residents are expected to demonstrate: |
| Competencies | **• Compassion, integrity, and respect for others**  
**• Responsiveness to patient needs that supersedes self-interest**  
**• Respect for patient privacy and autonomy**  
**• Accountability to patients, society, and the profession**  
**• Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation** |
| Objectives | **• Maintain confidentiality.**  
**• Act professionally at all times.** |

### Interpersonal Communication Skills

| Goal | Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to: |
| Competencies | **• Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds**  
**• Communicate effectively with physicians, other health professionals, and health related agencies**  
**• Work effectively as a member of leader of a health care team or other professional group**  
**• Act in a consultative role to other physicians and health professionals**  
**• Maintain comprehensive, timely, and legible medical records** |
| Objectives | **• Create and sustain effective therapeutic relationships.**  
**• Effectively communicate the importance of pregnancy health in the context of total health.**  
**• Demonstrate sensitivity to race, religion, gender, age, and cultural issues.** |

### Teaching Methods

- Direct observation, patient management, and surgical assisting in the Labor and Delivery.
- Interactive teaching during clinic.
- Shadowing/modeling by Faculty, staff and senior residents.
- Demonstration and practice on OB mannequin appropriate procedures and techniques.
- Periodic formative evaluations and feedback as needed to improve clinical skills.

### Assessment Method (Residents)

- Resident Evaluation Form completed at the conclusion of the rotation. Videotaped/recorded assessment.
- Review of case/procedure log.
- Structured case discussions, record/chart review, role-play or simulation. Resident In-Training Exam.

### Assessment Method (Program Evaluation)

- Periodic review of the Rotation Evaluation Summary form at weekly faculty Curriculum meetings.

### Level of Supervision

- Direct supervision by faculty obstetrician and local participating attending obstetricians.
# Gynecology

**Overall Goals:**

- To develop knowledge of the care of common gynecological problems seen in the office setting.
- Learn the evaluation of the pre-operative gynecologic patient and the relevant post-operative care needs.
- Gain proficiency in the management of gynecologic emergency care and the appropriate use of consultation.
- Understand and apply the health maintenance and prevention activities necessary for the out-patient care of the gynecologic patient.
- Increase knowledge of adult female reproductive anatomy and technique of examination. Understand and apply terms describing the uterine position, pelvic relaxation and atrophic genital changes.
- Improve understanding of the causes, diagnosis and treatment of abnormal bleeding in women.
- Improve understanding of management of abnormal cervical cytology.
- Improve understanding of diagnosis and treatment of benign and malignant pelvic neoplasms.
- Treatment of infectious and venereal diseases.
- Basic infertility workup and counseling.
- Diagnosis and management of osteoporosis.
- Diagnosis and management of breast disease.

---

<table>
<thead>
<tr>
<th>Educational Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDConsult, ePocrates, hospital library and/or other System resources. Williams Obstetrics, ACOG Practice Bulletins and Committee Opinions, Access Medicine on hospital Intranet.</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Osteopathic Principles and Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to gynecology as it pertains to family medicine. Residents are expected to:</td>
</tr>
<tr>
<td><strong>Competencies:</strong></td>
</tr>
<tr>
<td>Correlate osteopathic philosophy into managing patient health</td>
</tr>
<tr>
<td>Incorporate osteopathic manual skills into this setting</td>
</tr>
<tr>
<td>Develop patient management plan that is focused on treating the patient as a whole</td>
</tr>
<tr>
<td>Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment</td>
</tr>
<tr>
<td><strong>Objectives:</strong></td>
</tr>
<tr>
<td>Perform a structural examination on all patients admitted to the service.</td>
</tr>
<tr>
<td>Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.</td>
</tr>
<tr>
<td>Document appropriate somatic dysfunction.</td>
</tr>
<tr>
<td>Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for gynecologic care to include assessment of pelvic floor, movement of lymphatic fluid.</td>
</tr>
</tbody>
</table>
Patient Care
Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

Competencies
- Gather essential and accurate information.
- Perform competently all relevant medical procedures.
- Make informed decisions and interventions regarding the evaluation.
- Develop and carry out management plans.
- Counsel patients and families regarding above.
- Work with the health care professionals to provide patient-focused care.

Objectives
- The resident will demonstrate the ability to gather appropriate historical information from their patients as it relates to the sub-specialty of Gynecology. At a minimum, this focused history will include:
  - Gynecology-relevant HPI, including information on the timing, context, location, severity, and quality of symptoms, LMP, form of contraception, as well as an assessment of associated symptoms and aggravating or alleviating factors.
  - A relevant Past Medical Hx, including at a minimum, history of menarche, obstetrical history and prior pregnancy outcomes, history of menstrual irregularities or pelvic pain, use of medications especially hormonal ones, STD history, a history of gynecological surgery; or any history of other gynecological diseases.
  - A relevant Family Hx: of related gynecological disease.
  - A Social Hx including information regarding tobacco and alcohol use, STD’s, history of high risk sexual behavior, history of emotional, physical or sexual abuse.
  - A relevant ROS: including information regarding: General: systemic symptoms; Abdomen: changes in bowel and bladder habits, pain, bloating; Endocrine: symptoms of thyroid disease, adrenal disease, galactorrhea, and hirsutism.
- The resident must demonstrate the ability to perform a gynecologic-focused examination including, but not limited to, the following: examinations of the neck, breast, abdomen, pelvis, and anus/rectum.
- The resident will demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will be familiar with the commonly used treatments and medications relevant to gynecology, as evidenced by a review of their findings, differential diagnosis, and plans.
- The resident will counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation.

Medical Knowledge
Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competency
- Demonstrate an analytical thinking approach to the gynecologic patient.
Rotational Goals & Objectives

Objectives

The resident will demonstrate:

- At surgery and in GYN clinic, with the consent of the attending physician, how to perform bimanual examination to identify uterine size, shape, consistency and position. Resident should understand concepts of retroflexed, retroverted, anteflexed, anteverted and axial uterus. The resident will discuss with surgeon any pelvic relaxation or atrophic changes.
- At surgery and/or in GYN clinic, discuss the diagnosis and treatment of abnormal bleeding, gynecological cancer screening, preventive health care in women, common STD's and infections, reproductive and hormonal physiology including fertility, family planning, contraception, options counseling for unintended pregnancy, pelvic floor dysfunction, and disorders of menstruation, perimenopause, and postmenopause, including osteoporosis.
- Observe or assist surgeon where gynecologic neoplasms are being treated and discuss post surgical and alternative treatments.
- Discuss with surgeon the relevance of surgical findings when the preoperative diagnosis was pelvic pain. Discuss with surgeon the postoperative management of the patient.
- Discuss the preoperative and postoperative care as it pertains to premenopausal versus postmenopausal patients. Formulate ongoing treatment plan and care.
- Review of chart to assist preoperative workup and discuss postoperative plan.
- Management of postoperative complications and formulation and discussion of postoperative care.
- Understand the workup and issues surrounding symptoms of menopause and the appropriateness, prescription, and surveillance of Hormone Replacement Therapy.
- Observe and assist on surgical cases involving diagnosis and treatment of infertility. Discuss with the surgeon the work-up that lead to the surgery.
- On all cases that resident observes or assists, fill out GYN case log sheet/page on every case where tissue is sent to pathology and obtain pathology report and enter this result on sheet.
- The program will provide adequate instruction through lectures and/or clinical experience in issues of sexual health, management of breast disorders, and management of cervical disease.

Practice-Based Learning and Improvement

Goal

Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to:

Competencies

- Identify how the evaluation of common gynecologic signs and symptoms can be used by a primary care physician to detect and manage gynecologic problems
- Describe how appropriate gynecologic care can yield improved outcomes.
- Demonstrate appropriate self-directed learning and application of evidence to knowledge acquisition.

Objectives

- Set learning and improvement goals
Rotational Goals & Objectives

- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

**Systems-Based Practice**

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Work effectively in various health care delivery settings and systems relevant to family medicine
- Coordinate patient care within the health care system relevant to family medicine

**Objectives**
- Demonstrate the ability to function as a team member in the sub-specialty Gynecologic Clinic and operating room.
- Demonstrate the ability to effectively and efficiently utilize the consultation services of the gynecologist.

**Interpersonal Communication Skills**

**Goal**
Residents should communicate effectively with patients, healthcare staff, and colleagues regarding gynecologic issues. Residents are expected to:

**Competencies**
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member of leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records

**Objectives**
- Create and sustain effective therapeutic relationships.
- Effectively communicate the importance of appropriate diagnosis and treatment of gynecologic conditions in the context of total health.
- Demonstrate sensitivity to race, religion, gender, age, and cultural issues.

**Professionalism**

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Professionalism in the care of patients with gynecologic needs
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
Rotational Goals & Objectives

- Accountability to patients, society, and the profession
- Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.

**Objectives**
- Maintain confidentiality.
- Act professionally at all times.

### Systems Based Practice

**Goal**
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Work effectively in various health care delivery settings and systems relevant to their clinical specialty.
- Coordinate patient care within the health care system relevant to their clinical specialty.

**Objectives**
- Residents will demonstrate the ability to function as a team member in the sub-specialty Gynecology Clinic and in the Operating Room.
- Residents will demonstrate the ability to effectively and efficiently utilize the consultation services of the sub-specialty physician.

### Teaching Methods
Direct observation and surgical assisting in the operating room.
Interactive teaching during Gynecology Clinic.
Shadowing.
Periodic formative evaluations and feedback as needed to improve clinical skills.

### Assessment Method (Residents)
The objectives listed under Patient Care above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending gynecologist at the conclusion of the rotation.
Periodic formative evaluations.
The attainment of competency in the skills of counseling the patient and family as to the recommended treatment plan is assessed by periodic direct or indirect (video) observation.

### Assessment Method (Program Evaluation)
Periodic review of the Rotation Evaluation Summary form.

### Level of Supervision
Direct supervision by participating attending gynecologists.

### Educational Resources
MDConsult, ePocrates, hospital library and/or other System resources.
### Emergency Medicine

**Overall Goals:** After completion of their Emergency Medicine experience, the resident should be able to:

- Recognize severity of illness
- Triage and prioritize critical patient
- Evaluate the critically ill patient
- Develop an initial assessment for the critically ill patient
- Prescribe an initial treatment plan for the critically ill patient
- Stabilize critically ill patients
- Assign appropriate disposition for emergency room
- Develop appropriate discharge plan for emergency patients

### Osteopathic Principles and Practice

**Goal**

Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to emergency medicine as it pertains to family medicine. Residents are expected to:

**Competencies:**

- Incorporate osteopathic manual skills into the emergency medicine setting
- Formulate osteopathic treatment plan specific to the diagnosis
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

**Objectives:**

- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for the emergency medicine patient.

### Patient Care

**Goal**

Residents must be able to provide patient care that is compassionate, appropriate and effective for the treatment of health problems and the promotion of health in the emergency room setting.

**Competencies**

The resident should be able to:

- Triage ER patients based on severity of condition
- Gather essential and accurate information regarding the ER patient with respect to their presenting complaint
- Perform an appropriate physical exam based on ER patient’s complaint and history taking
- Develop and assist in the implementation of an ER patient evaluation
- Perform competently all relevant procedures in the ER setting
- Counsel the ER patient and family (when permitted) regarding patient’s status
- Work with other members of the ER health care team in providing patient-focused care

**Objectives**

The resident is expected to:

- Learn the factors that should be considered in triaging ER patients
- Take the histories of ER patients to include the gathering of essential and accurate information with
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Goals</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perform physical exams on ER patients based on their complaint and history</td>
<td>Prioritization and triage, Resuscitation and stabilization, Reassessment and monitoring, Consultation, Disposition, Assessment and management of trauma, Assessment and management of Neurologic emergencies, Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>Discuss with the ER physician the list of diagnostic studies recommended to evaluate ER patients</td>
<td>o primary and secondary assessment, o mechanism of injury, o blunt trauma, o penetrating trauma, o site of injury</td>
</tr>
<tr>
<td>Perform relevant procedures under the supervision of the ER physician</td>
<td>o altered consciousness/coma, o cerebrovascular disorders (stroke, aneurysm), o cranial nerve disorders, o infectious/inflammatory disorders including meningitis, o seizure disorders, o headaches, o spinal cord compression</td>
</tr>
<tr>
<td>Observe the counseling of patients and family members by ER staff members</td>
<td>o thought disorders/acute presentations, o mood disorders-suicidal/ideation/homicidal ideation, o acute anxiety/panic, o somatoform disorders/hysterical conversion/hypochondriasis, o addictive disorders/overdose/drug seeking behaviors, o delirium/dementia/altered mental status</td>
</tr>
<tr>
<td>Define their role in working with members of the healthcare team in providing patient-focused care in the ER setting</td>
<td><strong>Medical Knowledge</strong></td>
</tr>
<tr>
<td>Goal</td>
<td>Competencies</td>
</tr>
<tr>
<td>Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:</td>
<td>- Know and apply the basic and clinically supportive science in evaluating ER patients</td>
</tr>
<tr>
<td><strong>Competencies</strong></td>
<td>- Demonstrate analytic thinking in evaluating ER patients</td>
</tr>
<tr>
<td>- Be a role model and critical part of the ER health care team</td>
<td><strong>Objectives</strong></td>
</tr>
<tr>
<td>The resident will demonstrate knowledge of the following:</td>
<td>- Prioritization and triage</td>
</tr>
<tr>
<td>- Resuscitation and stabilization</td>
<td>- Reassessment and monitoring</td>
</tr>
<tr>
<td>- Consultation</td>
<td>- Disposition</td>
</tr>
<tr>
<td>- Disposition</td>
<td>- Assessment and management of trauma</td>
</tr>
<tr>
<td>- Assessment and management of trauma</td>
<td>o primary and secondary assessment</td>
</tr>
<tr>
<td>- Assessment and management of Neurologic emergencies</td>
<td>o mechanism of injury</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o blunt trauma</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o penetrating trauma</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o site of injury</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of Neurologic emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o altered consciousness/coma</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o cerebrovascular disorders (stroke, aneurysm)</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o cranial nerve disorders</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o infectious/inflammatory disorders including meningitis</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o seizure disorders</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o headaches</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>o spinal cord compression</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
<tr>
<td>- Assessment and management of psychiatric emergencies</td>
<td>- Assessment and management of psychiatric emergencies</td>
</tr>
</tbody>
</table>
Rotational Goals & Objectives

- Assessment and management of environmental disorders
  - risk assessment and involuntary commitment
  - burns (chemical, thermal, electrical)
  - electrocution/lightening injuries
  - heat and cold injuries
  - blisters and stings/management of human and animal bites
  - poisonous plants
  - hypersensitivity reactions/anaphylaxis
- Assessment and management of obstetrics and gynecological emergencies
  - sexual assault
  - ectopic pregnancy
  - threatened or spontaneous abortion
  - precipitous delivery/pre-eclampsia/eclampsia
  - vaginal hemorrhage
  - emergency contraception
- Assessment and management of victims of violence
- Recognition and management of life threatening respiratory disorder
  - acute respiratory distress
  - pulmonary embolism
  - pulmonary infections
  - pleural effusions/empyema/pneumothorax
  - obstructive/restrictive lung disease (asthma, COPD)
- Recognition and management of life threatening cardiovascular disorders
  - dysrhythmia
  - cardiac arrest
  - ischemic heart disease (angina, acute infarction)
  - thoracic and abdominal aortic aneurysms
  - acute thrombolytic therapy
- Recognition and management of life threatening toxicologic emergencies
  - acute overdose/pharmacogenetics
  - accidental poisonings/ingestion
  - access to databases/poison control
  - treatments and antidotes
- Recognition and management of mass casualty.
  - environmental/natural disaster
  - nuclear
  - biological
  - chemical
- Understanding of special circumstances.
  - resuscitations (coordination, communication, recording)
  - drowning and near drowning
  - sudden infant death syndrome
- Recognition and management of life threatening metabolic disorders and acid-base imbalance.
- Recognition and management of shock (hypovolemic, neurogenic, cardiogenic, septic).
Rotational Goals & Objectives

- Recognition and management of life threatening infectious emergencies.
- Indications and interpretation of diagnostic tests.
  - EKGs/rhythm strips
  - radiology imaging for acute head and cervical spine injuries, chest pathology, acute abdominal conditions, pelvis and extremity injuries.
  - laboratory evaluations including arterial blood gas and spinal fluid
- Implications of medical-legal issues
  - informed consent and competency
  - withholding/termination of treatment
  - laws (commitment, good Samaritan, reportable conditions)
  - liability (duty to treat, negligence and standard of care, risk management)
- Impact of disease prevention
  - active and passive immunization
  - antibiotic prophylaxis

Skills residents will demonstrate knowledge of how to do include the following:

- Airway management
  - Heimlich maneuver
  - optimizing airway patency/bag-mask ventilation
  - oral, nasotracheal esophageal-obiturator and intubations in children and adults
  - initiation of mechanical ventilation
- Anesthetic techniques
  - local anesthesia
  - intravenous sedation and analgesic
- Hemodynamic techniques
  - arterial catheter insertion/blood gas sampling
  - central nervous access (jugular, femoral, subclavian)
  - venous cut-down
  - intraosseous infusion
- Diagnostic/therapeutic procedure
  - control of epistaxis (anterior and posterior packing)
  - lumbar puncture
  - arthrocentesis
  - nasogastric tube insertion
  - thoracentesis
  - arterial blood gas sampling
  - urinary bladder catherization
- Skeletal procedures
  - spine immobilization and traction techniques
  - fracture/dislocation/immobilization techniques
  - fracture/dislocation/reduction techniques
- Other
  - repair of skin lacerations, including plastic closure
  - multiple patient management
**Rotational Goals & Objectives**

<table>
<thead>
<tr>
<th>Practice-Based Learning and Improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:</td>
</tr>
<tr>
<td><strong>Competencies</strong></td>
</tr>
<tr>
<td>- Identify strengths, deficiencies and limits in one’s knowledge and expertise in the ER setting</td>
</tr>
<tr>
<td>- Set learning and improvement goals for the ER rotation experience</td>
</tr>
<tr>
<td>- Identify and perform appropriate learning activities to meet ER rotation requirements</td>
</tr>
<tr>
<td>- Use information technology to optimize learning in the ER</td>
</tr>
<tr>
<td><strong>Objectives</strong></td>
</tr>
<tr>
<td>Residents are expected to:</td>
</tr>
<tr>
<td>- Review previous experience, performance on standardized tests and evaluations to understand one’s strengths and limitations in emergency medicine</td>
</tr>
<tr>
<td>- Meet learning and improvement goals for the ER rotation experience</td>
</tr>
<tr>
<td>- Participate in learning activities which will help meet ER rotation requirements</td>
</tr>
<tr>
<td>- Access on-line medical information regarding scientific and clinical studies to apply to care given in the ER setting.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Systems-Based Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:</td>
</tr>
<tr>
<td><strong>Competencies</strong></td>
</tr>
<tr>
<td>- Work in interprofessional teams to enhance patient safety and improve patient care quality</td>
</tr>
<tr>
<td>- Advocate for quality patient care and assist patients in dealing with system complexities</td>
</tr>
<tr>
<td><strong>Objectives</strong></td>
</tr>
<tr>
<td>Residents are expected to:</td>
</tr>
<tr>
<td>- Take an active role in providing care to a variety of ER patients with other members of the interprofessional team to enhance patient care quality</td>
</tr>
<tr>
<td>- Address patients’ concerns in the ER setting with respect to system complexities</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professionalism</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:</td>
</tr>
<tr>
<td><strong>Competencies</strong></td>
</tr>
<tr>
<td>- sensitivity and responsiveness to a diverse patient population with respect to gender, age, culture, race, religion, disabilities and sexual orientation</td>
</tr>
<tr>
<td>- respect, compassion and integrity; a responsiveness to the needs of patients and society, and the profession; a commitment to excellence and on-going professional development</td>
</tr>
</tbody>
</table>
### Objectives
Residents are expected to:
- provide care to various patient populations in the ER having diverse demographics with respect to gender, age, culture, race, religion, disabilities and sexual orientation
- Apply the principles of respect, compassion and integrity when caring for patients in the ER

### Teaching Methods
Teaching methods for this rotation include direct patient care in the ER setting under the supervision of an ER physician, lectures, reading materials.

### Assessment Method (residents)
Resident Monthly Service Evaluation

### Assessment Method (Program Evaluation)
Periodic review of the Rotation Evaluation Summary form.

### Level of Supervision
Emergency Room attending physicians

### Educational Resources
- American College of Emergency Physicians. Core Content for Emergency Medicine
- The Management of Fractures, Dislocations and Atlas, De Palma
- The Radiology of Emergency Medicine, Harris, Harris and Novelline
- Child abuse, Medical Diagnosis and Management, Reese
- Clinical Anesthesia, Barash, Collum, Strelting

### Websites
- [www.medmedia.com](http://www.medmedia.com)  Wheelers Textbook of Orthopedics
- [www.emedicine.com](http://www.emedicine.com)  Emergency Medicine
- [www.embles.com](http://www.embles.com)  The Emergency Medicine and Primary Care home page
- [www.abem.org](http://www.abem.org)  The American Board of Emergency Medicine homepage
- [www.acep.org](http://www.acep.org)  The American College of Emergency Physicians home page
- [www.cdc.gov](http://www.cdc.gov)  The Centers for Disease Control homepage

### General Surgery
**Overall Goals:**
- To recognize the care of common surgical problems seen in the office setting.
- Learn the evaluation of the pre-operative surgical patient and the relevant post-operative care needs.
- Comprehend the evaluation and management of surgical emergency care and the appropriate use of consultation.
- Know and apply the health maintenance and prevention activities necessary for the out patient care of the surgical patient.
Rotational Goals & Objectives

- Define surgical anatomy and techniques of examination.
- Know and apply terms describing the common surgical conditions.
- Appreciate the causes, diagnosis and treatment of common general surgical problems.

Osteopathic Principles and Practice

Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to general surgery as it pertains to family medicine. Residents are expected to:

Competencies:
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the postoperative setting
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

Objectives:
- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for postop setting with attention to prevention of postoperative ileus and atelectasis.

Patient Care

Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health.

Residents are expected to:

Competencies
- Gather essential and accurate information.
- Perform competently all relevant medical procedures
- Make informed decisions and interventions regarding the evaluation
- Develop and carry out management plans
- Counsel patients and families regarding above.
- Work with the health care professionals to provide patient-focused care.

Objectives
- Demonstrate the ability to gather appropriate historical information from their patients as it relates to the specialty of General Surgery. At a minimum, this focused history will include: surgically-relevant HPI, including information on the timing, context, location, severity, and quality of symptoms, as well as an assessment of associated symptoms and aggravating or alleviating factors. A relevant Past Medical Hx, including at a minimum, prior surgeries or conditions which may predispose or require surgery. A relevant Family Hx: of related surgical disease. A Social Hx including information regarding tobacco and alcohol or recreational drug use. A relevant ROS: including information regarding: General: systemic symptoms; Abdomen: changes in bowel and bladder habits, pain, bloating; Endocrine: symptoms of thyroid disease, adrenal disease.
- Demonstrate the ability to perform a surgically-focused examination including, but not limited to, the following: examinations of the neck, breast, abdomen, skin and subcutaneous tissue, and...
Rotational Goals & Objectives

- Demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered.
- Define the commonly used treatments and medications relevant to surgery, as evidenced by a review of their findings, differential diagnosis, and plans.
- Counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competencies
- Demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine.
- Recognize health problems that require surgical intervention and define the diagnostic process and management of these conditions.
- Comprehend the pre-operative evaluation, including risk factor assessment.
- Comprehend surgical options, risks, complications
- Develop surgical assistant skills, including suturing.
- Comprehend the complexities of post-operative care.
- Demonstrate an analytical thinking approach to the surgical patient.
- Receive instruction with special emphasis on the diagnosis and management of surgical disorders and emergencies and the appropriate and timely referral of surgical cases for specialized care.
- Be exposed to patients in general surgery that will be designed to provide opportunity for residents to achieve competency in the diagnosis and management of a wide variety of common surgical problems typically cared for by family physicians.

Objectives
- Residents will be taught to appreciate the varieties of surgical treatments and the potential risks associated with them to enable them to give proper advice, explanation, and emotional support to patients and their families.
- The residents will also be taught to recognize surgical conditions that are preferably managed on an elective basis.
- The residents will be provided with training in preoperative and postoperative care, basic surgical principles, asepsis, handling of tissue, and technical skills to assist the surgeon in the operating room.
- The residents will develop technical proficiency in those specific surgical procedures that family physicians may be called on to perform.
- The residents will acquire knowledge and experience in the diagnosis and management of the following common surgical problems:
  - appendicitis
  - cholecystitis
  - breast lesions requiring surgery
  - hernias
Rotational Goals & Objectives

- colon carcinoma
- peripheral vascular disease

- At the end of each day, the resident will check the surgical schedule for their surgeon for the next several days. The resident will note the type of surgical case and read in general surgical text on the diagnosis and management of this condition.
- The residents will acquire knowledge and experience in the diagnosis and management of common surgical conditions treatable in the office setting eg. Lesions of skin and subcutaneous tissue.
- The residents will improve their surgical and surgical assisting skills. They may obtain sutures to use for practice (ask OR supervisor). They may attend July morning conference on Suturing.
- The residents will round with their surgeon on post operative patients.
- The residents will read in general surgery text on post operative care and complications.

Practice-Based Learning and Improvement

Goal
Residents will understand how evaluation of common surgical conditions in primary care can identify patients in need of treatment and preventive interventions and how this can yield improved outcomes.

Objectives

The Resident will:

- Identify how work-up of common surgical conditions can be used by a primary care physician to detect surgical problems.
- Describe how appropriate surgical care can yield improved outcomes.

Goal
Residents will demonstrate appropriate self-directed learning and application of evidence to knowledge acquisition.

Objectives
Residents will:
- Choose appropriate print and electronic resources.
- Appropriately utilize those resources in a self-directed manner.
- Recognize the importance of basing knowledge acquisition and clinical decision making on evidence-based resources.

Interpersonal Communication Skills

Goal
Residents should communicate effectively with patients, healthcare staff, and colleagues regarding surgical issues.

Objectives
Residents will:
- Create and sustain effective therapeutic relationships.
- Effectively communicate the importance of appropriate diagnosis and treatment of surgical conditions in the context of total health.
### Rotational Goals & Objectives

#### Demonstrate sensitivity to race, religion, gender, age, and cultural issues.

**Professionalism**

**Goal**
- Residents will demonstrate professionalism in the care of patients with surgical needs.

**Objectives**
- The Resident will:
  - Maintain confidentiality.
  - Act professionally at all times.

#### Systems Based Practice

**Goal**
- Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Work effectively in various health care delivery settings and systems relevant to their family medicine
- Coordinate patient care within the health care system relevant to family medicine

**Objectives**
- Residents will demonstrate the ability to function as a team member in the Surgery Clinic and in the Operating Room.
- Residents will demonstrate the ability to effectively and efficiently utilize the consultation services of the sub-specialty physician.

#### Teaching Methods

- Direct observation and surgical assisting in the Operating Room; Inter-active teaching during Surgery Clinic; Shadowing; Periodic formative evaluations and feedback as needed to improve clinical skills.

#### Assessment Method (Residents)

- The objectives listed under Patient Care above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending surgeon at the conclusion of the rotation; Periodic formative evaluations; the attainment of competency in the skills of counseling the patient and family as to the recommended treatment plan is assessed by periodic direct or indirect (video) observation.

#### Assessment Method (Program Evaluation)

- Periodic review of the Rotation Evaluation Summary.

#### Level of Supervision

- Direct supervision by attending surgeons.

#### Educational Resources


---

**Surgical Sub-specialties: Urology**

**Overall Goals:**
- To develop knowledge of the care of common urological problems seen in the office setting.
## Rotational Goals & Objectives

- Learn the evaluation of the pre-operative urologic patient and the relevant post-operative care needs.
- Gain proficiency in the management of urologic emergency care and the appropriate use of consultation.
- Understand and apply the health maintenance and prevention activities necessary for the outpatient care of the urologic patient.

### Osteopathic Principles and Practice

**Goal**

Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to urology as it pertains to family medicine. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into this setting
- Formulate osteopathic treatment plan specific to the diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

**Objectives:**
- The resident will perform a structural examination on all patients on this service.
- The resident will utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- The resident will formulate a plan for the appropriate implementation of osteopathic manipulative treatment.

### Patient Care

**Goal**

Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information.
- Perform competently all relevant medical procedures
- Make informed decisions and interventions regarding the evaluation
- Develop and carry out management plans
- Counsel patients and families regarding above.
- Work with the health care professionals to provide patient-focused care.

**Objectives**
- Demonstrate the ability to gather appropriate historical information from their patients as it relates to the sub-specialty of Urology. At a minimum, this focused history will include:
  a. Urology-relevant HPI, including information on the timing, context, location, severity, and quality of symptoms, as well as an assessment of associated symptoms and aggravating or alleviating factors.
  b. A relevant Past Medical Hx, including at a minimum, any history of voiding problems, dysuria, hematuria, urgency, frequency, incontinence, infection, cancer, renal colic, use of medications, STD history, a history of urological surgery; or any history of other urological diseases.
Rotational Goals & Objectives

c. A relevant Family Hx: of related urological disease.
d. A Social Hx including information regarding tobacco use, past, present, or exposure to, history of alcohol use and chemical exposures.
e. A relevant ROS: including information regarding: General: systemic symptoms; Abdomen: changes in bowel and bladder habits, pain, blood.

- Demonstrate the ability to perform a urologic-focused examination including, but not limited to, the following: examinations of the abdomen, pelvis, and anus/rectum (prostate).
- Demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will be familiar with the commonly used treatments and medications relevant to urology, as evidenced by a review of their findings, differential diagnosis, and plans.
- Counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competency
- Demonstrate an analytical thinking approach to the urologic patient.

Objectives
- Demonstrate a knowledge of, and the ability to diagnose and treat, common urologic problems, including, but not limited to: urinary tract infection including how it may present and is treated for differing age groups and genders, cystitis, acute urinary retention, hematuria, urethritis, pyleonephritis, renal colic, cancer detection, incontinence, sexual dysfunction, STD’s, prostate disease, and erectile dysfunction.

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning
- Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or learners

Objectives
- Demonstrate the ability to use information technology to locate and appraise relevant articles and data with regard to the specialty of urology.
- Demonstrate the ability to counsel patients regarding diagnosis and treatment of urologic disease.
Systems-Based Practice

Goal
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Work effectively in various health care delivery settings and systems relevant to their clinical specialty
- Coordinate patient care within the health care system relevant to their clinical specialty

Objectives
- Demonstrate the ability to function as a team member in the sub-specialty Urologist’s office.
- Demonstrate the ability to effectively and efficiently utilize the consultation services of the sub-specialty physician.

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Competencies
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession
- Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

Objectives
- Timely attendance at all required teaching sessions.
- Maintaining strict adherence to patient privacy while attending patients at the urologist’s office.
- Sensitivity in handling issues of the urological patient, particularly sexuality.

Interpersonal and Communication Skills

Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

Competencies
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member of leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records

Objectives
- The resident will demonstrate effective communication skills in this discipline as evidenced by feedback from patients and their families.
- The resident will demonstrate effective communication skills in this discipline as evidenced by feedback from the specialist and his/her office staff.
Teaching Methods
Direct observation of the sub-specialists practice, inter-active teaching during office hours settings and shadowing

Assessment Method (Residents)
The objectives listed under Patient Care above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending physician at the conclusion of the rotation. The attainment of competency in the skills of counseling the patient and family as to the recommended treatment plan is assessed by periodic direct or indirect (video) observation.

Assessment Method (Program Evaluation)
Periodic review of the Rotation Evaluation Summary form.

Level of Supervision
Direct supervision of the rotation attending physician

Educational Resources
MDConsult, ePocrates, hospital library and other System resources.

Surgical Sub-specialties: Otolaryngology (ENT)
Overall Goals: To develop knowledge of the care of common ENT problems seen in the office setting.
- Learn the evaluation of the pre-operative ENT patient and the relevant post-operative care needs.
- Gain proficiency in the management of ENT emergency care and the appropriate use of consultation.
- Understand and apply the health maintenance and prevention activities necessary for the out patient care of the ENT patient.

Osteopathic Principles and Practice
Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to ENT as it pertains to family medicine. Residents are expected to:

Competencies:
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into this setting
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

Objectives:
- The resident will perform a structural examination on all patients admitted to the ENT service.
- The resident will utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- The resident will formulate a plan for the appropriate implementation of osteopathic manipulative treatment.

Patient Care
Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate, appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information regarding the patient with complaint, including a focused history regarding this system.
- Make informed decisions and interventions regarding the evaluation
- Develop and carry out management plans
- Counsel patients and families regarding above.
- Work with the health care professionals to provide patient-focused care.

**Objectives**
- Demonstrate the ability to gather appropriate historical data on their patients as it relates to diseases of the ear, nose, and throat. Such information will include, but is not limited to
  - Acute Problem: Resident will gather the salient points including, location, duration, timing, context, aggravating/alleviating factors, associated signs and symptoms, and severity.
  - Past Medical History: prior occurrences of current problem and treatment.
  - Allergies and Current Medications
  - Relevant Surgeries/Hospitalizations
  - Family History: relevant history
  - Social History: alcohol and drug use, tobacco use, home/work environmental exposure. Pets/smokers in the home.
- Demonstrate the ability to make informed decisions and interventions regarding the evaluation of an ENT problems
- Demonstrate the ability to develop and carry out management plans for the commonly diagnoses ENT problems
- Demonstrate the ability to counsel patients and families regarding above

**Medical Knowledge**

**Goal**
Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care. Residents are expected to:

**Competencies**
- Know and apply the basic and clinically supportive science regarding the ENT patient.

**Objectives**
- Demonstrate knowledge of, and the ability to diagnose and treat, common ENT problems, including but not limited to:
  - Acute epiglottitis and croup
  - ENT trauma
  - Chronic Cough: [http://www.aafp.org/afp/20040501/2159.html](http://www.aafp.org/afp/20040501/2159.html)
  - Tinnitus: [http://www.aafp.org/afp/20040101/120.html](http://www.aafp.org/afp/20040101/120.html)
Rotational Goals & Objectives

- Dizziness/Vertigo: [http://www.aafp.org/afp/20060115/244.html](http://www.aafp.org/afp/20060115/244.html), [http://www.aafp.org/afp/20050315/1115.html](http://www.aafp.org/afp/20050315/1115.html)
- Foreign body and cerumen impaction removal
- Epistaxis: [http://www.aafp.org/afp/20050115/305.html](http://www.aafp.org/afp/20050115/305.html)
- Demonstrate the ability to perform/interpret the following ENT-related common tests:

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning
- Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or learners

Objectives
- Demonstrate the ability to use information technology to locate and appraise relevant articles and data with regard to the specialty of otolaryngology
- Demonstrate the ability to counsel patients regarding diagnosis and treatment of otolarygological disease.

Systems-Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Work effectively in various health care delivery settings and systems relevant to their clinical specialty
- Coordinate patient care within the health care system relevant to their clinical specialty

Objectives
- Demonstrate the ability to function as a team member in the sub-specialty otolaryngologist’s office.
- Demonstrate the ability to effectively and efficiently utilize the consultation services of the sub-
### Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession
- Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

**Objectives**
- Timely attendance at all required teaching sessions.
- Ability to maintain strict adherence to patient privacy while attending patients at the ENT’s office.

### Interpersonal and Communication Skills

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds, including patients with hearing loss.
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member of leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records

**Objectives**
- Demonstrate effective communication skills in this discipline as evidenced by feedback from patients and their families.
- Demonstrate effective communication skills in this discipline as evidenced by feedback from the specialist and his/her office staff.

### Teaching Methods
Direct observation of the sub-specialists practice, interactive teaching during office hours settings, and shadowing

### Assessment Method (Residents)
The objectives listed above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending physician at the conclusion of the rotation.
The attainment of competency in the skills of counseling the patient and family as to the recommended treatment plan is assessed by periodic direct or indirect (video) observation.

### Assessment Method (Program Evaluation)
Periodic review of the Rotation Evaluation Summary form.

### Level of Supervision
Direct supervision of the rotation attending physician
Educational Resources
MDConsult, ePocrates, hospital library and other System resources.

### Surgical Sub-specialties: Ophthalmology

**Overall Goals:**
- To develop knowledge of the care of common ophthalmologic problems seen in the office setting.
- Learn the evaluation of the pre-operative ophthalmologic patient and the relevant post-operative care needs.
- Gain proficiency in the management of ophthalmologic emergency care and the appropriate use of consultation.
- Understand and apply the health maintenance and prevention activities necessary for the out patient care of the ophthalmologic patient.

### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to ophthalmology as it pertains to family medicine.

**Residents are expected to:**

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

**Objectives:**
- The resident will utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- The resident will formulate a plan for the appropriate implementation of osteopathic manipulative treatment.

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information.
- Perform competently all relevant medical procedures
- Make informed decisions and interventions regarding the evaluation
- Develop and carry out management plans
- Counsel patients and families regarding above.
- Work with the health care professionals to provide patient-focused care.

**Objectives**
- Demonstrate the ability to gather appropriate historical information from their patients as it relates to the sub-specialty of Ophthalmology. At a minimum, this focused history will include:
Rotational Goals & Objectives

- Ophthalmology-relevant HPI, including information on the timing, context, location, severity, and quality of symptoms, as well as an assessment of associated symptoms and aggravating or alleviating factors.
- A relevant Past Medical Hx, including at a minimum, visual difficulties, blurred or lost vision, eye pain, glaucoma, foreign body, conjunctivitis, uveitis/iritis, diabetic eye disease, cataracts, a history of ophthalmologic surgery; or any history of other ophthalmologic diseases.
- A relevant Family Hx: of related ophthalmologic disease.
- A Social Hx including information regarding tobacco use, past, present, or exposure to, history of alcohol use and chemical exposures.
- A relevant ROS: including information regarding: General: systemic symptoms;
- Demonstrate the ability to perform an ophthalmologic-focused examination including, but not limited to, the following: examinations of the head and eyes including use of the office ophthalmoscope, techniques of lid eversion, the delivery of local anesthesia and fluorescein staining.
- Demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will be familiar with the commonly used treatments and medications relevant to ophthalmology, as evidenced by a review of their findings, differential diagnosis, and plans.
- Counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competency
- Demonstrate an analytical thinking approach to the ophthalmologic patient.

Objectives
- Demonstrate knowledge of, and the ability to diagnose and treat, common ophthalmologic problems, including, but not limited to, eye pain, glaucoma, myopia, presbyopia, cataracts, diabetic eye disease, conjunctivitis, iritis/uveitis, the “red” eye, foreign body removal, blepharitis, corneal abrasions, chalazion, hordeolum, and strabismus.

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning
- Participate in the education of patients, families, students, residents and other health professionals, as
Rotational Goals & Objectives

Documented by evaluations of a resident’s teaching abilities by faculty and/or learners

Objectives
- Demonstrate the ability to use information technology to locate and appraise relevant articles and data with regard to the specialty of ophthalmology.
- Demonstrate the ability to counsel patients regarding diagnosis and treatment of ophthalmologic disease.

Systems-Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Work effectively in various health care delivery settings and systems relevant to their clinical specialty
- Coordinate patient care within the health care system relevant to their clinical specialty

Objectives
- Demonstrate the ability to function as a team member in the sub-specialty Ophthalmologist’s office.
- Demonstrate the ability to effectively and efficiently utilize the consultation services of the sub-specialty physician.

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Competencies
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession
- Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

Objectives
- Timely attendance at all required teaching sessions.
- Ability to maintain strict adherence to patient privacy while attending patients at the ophthalmologist’s office.

Interpersonal and Communication Skills

Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

Competencies
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member of leader of a health care team or other professional group
Rotational Goals & Objectives

- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records

Objectives
- Demonstrate effective communication skills in this discipline as evidenced by feedback from patients and their families.
- Demonstrate effective communication skills in this discipline as evidenced by feedback from the specialist and his/her office staff.

Teaching Methods
Direct observation of the sub-specialists practice, inter-active teaching during office hours settings, and shadowing, required review of on line resource “The Eyes Have It”

Assessment Method (Residents)
The objectives listed under Patient Care above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending physician at the conclusion of the rotation. The attainment of competency in the skills of counseling the patient and family as to the recommended treatment plan is assessed by periodic direct or indirect (video) observation.

Assessment Method (Program Evaluation)
Periodic review of the Rotation Evaluation Summary form.

Level of Supervision
Direct supervision of the rotation attending physician

Educational Resources
MDConsult, ePocrates, hospital library and other System resources.
http://www.kellogg.umich.edu/theeyeshaveit/

Community Medicine

Overall Goals:
- To develop knowledge of school health issues, health promotion within the community as well as care of the underprivileged.
- Learn the evaluation of the patient with disabilities, including occupational, environmental and sports related injuries and their rehab.
- Gain proficiency in the evaluation and management of patients with substance abuse problems.
- Recognize the needs of elders in the community, access to care and socialization
- Understand and apply the health maintenance and prevention protocols to patients and gain an understanding of community based disease screening.
- Gain an understanding of occupational medicine environmental illnesses

Osteopathic Principles and Practice

Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to community medicine as it pertains to family medicine. Residents are expected to:
**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Develop patient management plan that is focused on treating the patient as a whole

**Objectives:**
- The resident will understand the role that various community resources play in managing patient health
- The resident will demonstrate ability to incorporate osteopathic manipulative medicine when caring for patients across the socioeconomic spectrum.

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information.
- Perform competently all relevant medical procedures.
- Make informed decisions and interventions regarding the evaluation.
- Develop and carry out management plans.
- Counsel patients and families regarding above.
- Work with the health care professionals as a team to provide patient-focused care within the community.

**Objectives**
- Demonstrate the ability to gather appropriate historical information from their patients as it relates to Community Medicine. At a minimum, this focused history will include: Community Medicine relevant HPI, and Past History including information on the timing, context, location, severity, and quality of symptoms, as well as an assessment of associated environmental, occupational and social characteristics. A Social Hx including information regarding drug and alcohol use, domestic violence, occupational exposures.
- Demonstrate the ability to perform a complete physical exam of patients in the community setting as well as a sports readiness exam and geriatric assessment of elders.
- Demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will be familiar with reportable communicable diseases, community-based health promotion and patients with disabilities.
- Counsel the patient and family as to the recommended treatment plan as evidenced by periodic direct or indirect (video) observation.

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competency**
- Demonstrate an analytical thinking approach to the patient in the context of their community and the impact this has on their well being and socialization.

**Objectives**
**Rotational Goals & Objectives**

- Demonstrate knowledge of, and the ability to diagnose and treat the patient within the context of their community including but not limited to problems of adolescents within the college environment, environmental issues, domestic violence, rehab patients, drug and alcohol related problems and occupational problems, nursing home and home bound patients.

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate their ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competency**
- Facilitate the learning of students and other health care professionals in the community settings of the rotation
- Identify strengths and limits in one’s knowledge of rehab patients, disadvantaged patients and patients with addiction problems

**Objectives**
- Work as a team within the community, providing feedback to the students and reviewing each patient as a team
- Keep a log of patients seen and demonstrate an ability to identify resources for disadvantaged patients, those with addiction and domestic violence problems and those needing rehabilitation.

### Systems-Based Practice

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Work effectively in various health care delivery settings and systems relevant to their clinical specialty
- Coordinate patient care within the health care system relevant to their clinical specialty

**Objectives**
- Demonstrate the ability to function as a team member within the various community settings.
- Residents will demonstrate the ability to coordinate patients care within the various community agencies

### Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity and respect for others
- Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, race, religion, disabilities and sexual orientation

**Objectives**
- Demonstrate a team approach to patient care by utilizing and interacting with members of the health care team at various community agencies
- Ability to arrive for duties at community agencies on time, follow their protocols and treat all patients with respect and compassion and advocate for those with socioeconomic and geographic
Interpersonal and Communication Skills

Goal
Residents must demonstrate interpersonal and communication skills that result in effective exchange of information and teaming with patients, their families and professional associates. Residents are expected to:

Competencies
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Work effectively with others as a member or leader of a health care team

Objectives
- Keep members of the team aware of the treatments plan, seek advice from team members as needed and keep legible and timely medical records at the community clinics

Teaching Methods
Direct observation within the various community settings, interactive teaching during office hours settings, student health settings, nursing homes and John Heinz rehab, shadowing

Assessment Method (residents)
The objectives listed under Patient Care above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending physician at the conclusion of the rotation. The attainment of competency in the skills of counseling the patient and family as to the recommended treatment plan is assessed by periodic direct or indirect (video) observation.

Assessment Method (Program Evaluation)
Periodic review of the Community Medicine rotation evaluations at Curriculum meetings which includes review of all rotation evaluations by preceptors and residents, staff evaluations of residents and any additional anonymous evaluations.

Level of Supervision
Supervision of the rotation is provided by faculty attending physicians, feedback from the supervisors and review of clinic charts.

Educational Resources
MDConsult, ePocrates, dynamed, hospital library and other System resources
AAFP preventive health care guidelines, CDC Immunization Tables

Behavioral Science
Overall Goals: After completion of the Behavioral Science experience, the resident is expected to:
- Understand the normal childhood and adolescent development as it occurs in the community setting.
- Understand the development and consequences of family distress and methodologies for its diagnosis and treatment.
- Understand sexual dysfunction, abuse and consequences, diagnosis and treatment.
- Improve understanding of domestic violence, elder and child abuse, and their diagnosis and treatment.
- Understand the pathophysiology, signs and symptoms, methods of assessment, diagnosis and treatment of common adult emotional problems including but not limited to depression, panic
disorder, chronic anxiety, addictive disease and psychosis.

- Understand the utilization of appropriate psychological evaluation and consultation referral processes.
- Understand ethical concerns of patients and health-care providers and understand the physician’s role in these areas of patient care.
- Gain exposure to and understand the nature of different types of counseling techniques and skills, and in what settings they are most appropriate.

### Osteopathic Principles and Practice

**Goal**

Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to behavioral science as it pertains to family medicine. Residents are expected to:

**Competencies:**

- Correlate osteopathic philosophy into managing patient health
- Develop patient management plan that is focused on treating the patient as a whole

**Objectives:**

- Demonstrate correlation between patient actions and health
- Demonstrate ability to assess patient for readiness to introduce behavior modification
- Demonstrate knowledge of role somatization plays in mental health disorders

### Patient Care

**Goal**

Residents must be able to effectively treat patients, provide care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy*, the incorporation of preventative medicine and the promotion of health. Residents are expected to:

**Competencies**

- Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families.
- Gather essential and accurate information about their patients.
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment.
- Develop and carry out patient management plans.
- Counsel and educate patients and their families
- Use information technology to support patient care decisions and patient education.
- Provide health care services aimed at preventing health problems or maintaining health.
- Work with health care professionals, including those from other disciplines, to provide patient focused care

**Objectives**

- Demonstrate the ability to gather appropriate historical data on their patient as it relates to psycho-social preventing problems. Such information will include, but is not limited to:
  - Identifying data
  - Chief complaint
  - History of present Illness: Resident will provide detailed account in chronological order of development of symptoms and abnormal behavior.
  - Effect of these or social and work relationships, appetite, libido, sleep, interests and so forth.
Rotational Goals & Objectives

- Personal History: Infancy, childhood, adolescence and adulthood.
- Educational and occupational history
- Social history
- Family History
- Sexual and marital history
- Medical history

- Demonstrate ability to perform appropriate physical exam related to behavioral science including the mental status examination.
- Demonstrate the ability to formulate a diagnostic impression by providing a brief summary summation forth patient’s clinical picture, diagnostic considerations, manifestations, predispositions, precipitations, stress and extent of incapability and prognosis.
- Demonstrate ability to determine diagnosis in accordance with PSM IV-TR structure and process.
- Know the indicated diagnostic procedures such as appropriate laboratory testing, psychological evaluation, and interventions such as psycho-therapy and medications.
- Demonstrate the ability to make informed decisions and interventions regarding the evaluation of psychosocial problems.
- Demonstrate the ability to develop and carry out management plans for the commonly diagnosed mental disorders.
- Demonstrate the ability to communicate effectively during patient interaction and, when appropriate, include family in the patient care discussion.
- Demonstrate the ability to communicate effectively with referral sources and health care professionals to ensure quality and continuity of patient care.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social behavioral sciences, as well as the application of this knowledge to patient care. Residents are expected to:

Competencies
- Know and apply the basis and clinically supportive science regarding the patient presenting psychosocial problems and/or mental disorders.

Objectives
- Demonstrate knowledge of, and the ability to diagnose and provide treatment for common psychosocial problems and mental disorders, including but not limited to:
  - Anxiety disorders
  - Affective disorders
  - Disorders usually first diagnosed in infancy, childhood, or adolescence.
  - Mental disorders due to a general medical condition
  - Substance-related disorders
  - Schizophrenia and other psychotic disorders
  - Somatoform disorders
  - Factitious disorders
  - Dissociative disorders
  - Sexual and gender identity disorders
  - Eating disorders
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Practice-Based Learning and Improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Identify strengths, deficiencies and limits in one’s knowledge and expertise.</td>
</tr>
<tr>
<td>- Set learning and improvement goals</td>
</tr>
<tr>
<td>- Incorporate formative evaluation feedback into daily practice</td>
</tr>
<tr>
<td>- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems</td>
</tr>
<tr>
<td>- Use information technology to optimize learning</td>
</tr>
<tr>
<td>- Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or learners</td>
</tr>
<tr>
<td>- Use information technology to manage information, access on-line medical information; and support their education.</td>
</tr>
<tr>
<td>- Facilitate the learning of students and other health care professionals</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Demonstrate knowledge of when consultation is appropriate.</td>
</tr>
<tr>
<td>- To know appropriate evidence-based articles pertaining to the behavioral sciences and share pertinent information from these articles with the residents and faculty by doing a formal presentation as part of their rotation.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Systems-Based Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Coordinate patient care within the health care system relevant to family medicine.</td>
</tr>
<tr>
<td>- Incorporate considerations of cost awareness and risk-benefit analysis in patient care.</td>
</tr>
<tr>
<td>- Know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources.</td>
</tr>
<tr>
<td>- Practice cost-effective health care and resource allocation does not compromise quality of care.</td>
</tr>
<tr>
<td>- Advocate for quality patient care and assist patients in dealing with system complexities.</td>
</tr>
<tr>
<td>- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Demonstrate knowledge of when consultation is appropriate.</td>
</tr>
<tr>
<td>- To know appropriate evidence-based articles pertaining to the behavioral sciences and share pertinent information from these articles with the residents and faculty by doing a formal presentation as part of their rotation.</td>
</tr>
</tbody>
</table>
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Professionalism</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:</td>
</tr>
<tr>
<td><strong>Competencies</strong></td>
</tr>
<tr>
<td>• Compassion, integrity, and respect for others</td>
</tr>
<tr>
<td>• Respect for patient privacy and autonomy</td>
</tr>
<tr>
<td>• Sensitivity and responsiveness to patients’ culture, age, gender, and disabilities.</td>
</tr>
<tr>
<td><strong>Objectives</strong></td>
</tr>
<tr>
<td>• Compassion, integrity, and respect for both patients and staff.</td>
</tr>
<tr>
<td>• Knowledge of appropriate area to discuss patient care and avoid discussing protected health information in public areas such as elevators, hallways, and with family members unless approved by the patient.</td>
</tr>
<tr>
<td>• Compliance with completion of rotation logs within 2 weeks of completion of rotation. Failure to do so will result in failure of the rotation.</td>
</tr>
<tr>
<td>• Compliance with scheduling presentation with conference schedule coordinator within 1 week of starting the rotation.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interpersonal and Communication Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:</td>
</tr>
<tr>
<td><strong>Competencies</strong></td>
</tr>
<tr>
<td>• Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds.</td>
</tr>
<tr>
<td>• Communicate effectively with physicians, other health professionals, and health related agencies.</td>
</tr>
<tr>
<td>• Work effectively as a member or leader of a health care team or other professional group.</td>
</tr>
<tr>
<td>• Maintain comprehensive, timely, and legible medical records.</td>
</tr>
<tr>
<td>• Create and sustain a therapeutic and ethically sound relationship with patients</td>
</tr>
<tr>
<td>• Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.</td>
</tr>
<tr>
<td><strong>Objectives</strong></td>
</tr>
<tr>
<td>• Present well organized, educational lecture to fellow residents and faculty on behavioral science topic that has been approved by the rotation coordinator.</td>
</tr>
<tr>
<td>• Utilize the Language Line or appropriate translator when a language barrier is present.</td>
</tr>
<tr>
<td>• Communicate with appropriate consultants to maximize coordination of care.</td>
</tr>
</tbody>
</table>

Teaching Methods
Direct observation of attending/patient interaction, attending/resident discussions focused on relevant psychiatric topics, resident literature review as part of formal presentation preparation.

Assessment Method (residents)
Resident monthly service evaluation, review at resident patient logs and reading.

**Assessment Method (Program Evaluation)**

Resident Rotation Evaluation

**Level of Supervision**

Residents directly supervised by attending psychiatrists.

**Educational Resources**


---

**Musculoskeletal and Sports Medicine**

**Overall Goals:**

- To develop knowledge and skills to provide care to patients with acute and chronic musculoskeletal problems
- To recognize and manage patients with common musculoskeletal problems including but not limited to: sprains, strains, rheumatic disorders, degenerative disorders, acquired and congenital abnormalities of bones and joints
- To assess and manage patients seen with musculoskeletal trauma
- Understand chronic pain and the impact on patients’ lives and well-being
- Understand the challenges that physical activity presents to various disease processes and how disease may impact physical activity

**Osteopathic Principles and Practice**

**Goal**

Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to sports medicine as it pertains to family medicine. Residents are expected to:

**Competencies:**

- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the care of the athlete
- Formulate osteopathic treatment plan specific to the diagnosis
- Develop patient management plan that is focused on treating the patient as a whole

**Objectives:**

- The resident will perform a structural examination on all preparticipation patient physicals.
- The resident will document appropriate somatic dysfunction in the chart.
- The resident will formulate a plan for the appropriate implementation of osteopathic manipulative treatment.

**Patient Care**

**Goal**

Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues. Residents are expected to:
### Competencies
- Gather essential and accurate information regarding mechanism of injury or pain patterns.
- Perform competently all relevant medical procedures related to M-S medicine.
- Make informed decisions and interventions regarding the evaluation.
- Develop and carry out management plans for acute treatment, rehab and preventive exercises.
- Counsel patients and families regarding above.
- Provide health care services aimed at preventing health problems or maintaining health.

### Objectives
- The resident will demonstrate the ability to gather appropriate historical information from patients as it relates to the Musculoskeletal System. At a minimum the focused history will include:
  - Musculoskeletal relevant HPI, and Past History including information on the timing, context, location, severity, and quality of symptoms, as well as an assessment of associated environmental, occupational and social characteristics.
  - A relevant Past History regarding developmental problems, previous injuries, surgeries or overuse syndromes.
  - A relevant Social History including past and present exposures, occupations, drug and alcohol use.
- The resident must demonstrate the ability to perform a relevant musculoskeletal exam including an appropriate evaluation of the spine and neurological exam.
- The resident will demonstrate the ability to make informed decisions regarding appropriate interventions utilizing the information gathered. The resident will be familiar with commonly used medications and treatments relevant to Musculoskeletal Problems.
- The resident will demonstrate the ability to perform common procedures as they relate to the Musculoskeletal System, including but not limited to immobilization, splinting, joint injections and the use of assistive devices in the rehabilitation of patients.

### Medical Knowledge

#### Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

#### Competency
- Demonstrate an analytical approach to the patient with a musculoskeletal complaint.
- The resident will demonstrate the ability to stabilize patients with acute trauma to the Musculoskeletal System, treat patients for common problems and refer those patients requiring subspecialty care.

#### Objectives
- Demonstrate management of common orthopedic problems including but not limited to: strains, sprains, simple fractures, arthritis, acute and chronic back pain, and connective tissue disease.
- Demonstrate the ability to perform appropriate orthopedic procedures such as joint injection, immobilization, identificans and x-ray evaluations of common injuries.
- Know the rehabilitation process for our in-patients/ and out-patients.

### Practice–Based Learning and Improvement

#### Goal
Residents must demonstrate their ability to investigate and evaluate their care of orthopedic patients, to
appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning. Residents are expected to develop skills and habits to be able to:

**Competency**
- Use information technology to manage information, access online medical information and support their own education
- Incorporate formative evaluation feedback into daily practice
- Demonstrate the ability to select appropriate rehab for injured patients.

**Objectives**
- Discuss the management of patients with the orthopedic surgeon’s team and access current literature to support their management plan
- Utilize feedback from the orthopedic attending to improve their recognition, evaluation, and treatment of common orthopedic problems
- Participate in rehab process of patients with acute and chronic injuries.

**Systems-Based Practice**

**Goal**
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Advocate for quality patient care and assist patients in dealing with system complexities
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care

**Objectives**
- Demonstrate the ability to function as a team member and assist patients by educating them about their disease process and ways to access agencies, such as Physical and Occupational therapy available to them
- Demonstrate the ability to coordinate patients care within a cost-effective manner particularly with appropriate medication choices and rehabilitative devices

**Professionalism**

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity and respect for others
- Respect for patient privacy and autonomy

**Objectives**
- A team approach to patient care by utilizing and interacting with members of the health care team, physical therapy team and Occupational therapy team
- How to treat patients with injuries and disabilities with respect and a positive focus encouraging patients to reach goals in rehab.
- Ability to role-model sensitivity toward patients of all races, sexual orientation, and cultures

**Interpersonal and Communication Skills**

**Goal**
Residents must demonstrate interpersonal and communication skills that result in effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
### Rotational Goals & Objectives

- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Act in a consultative role to other physicians and health professionals

### Objectives

- Keep members of the team aware of the treatment plan, maintain contact with the patient’s PCP and provide the patient with written treatment plans
- Care for patients as a whole, treating their musculoskeletal problems in addition to their other health care needs

### Sports Medicine

Within the two months of Orthopedics, residents learn to identify and manage injuries to athletes, prevention of injuries and have exposure to rehabilitation of sports-related injuries. Sports pre-participation exams are done on a regular basis at the clinics as well as sports pre-participation physicians conducted for local school sports teams.

Within both the Orthopedic rotation and ER rotation residents gain exposure to specific procedures for athletes such as joint aspiration, splinting, immobilization and radiographic interpretation of sports injuries.

### Teaching Methods

Direct observation within hospital, office, orthopedic surgeon’s office, and rehab facility.
Inter-active teaching during office hours settings, shadowing, lectures

### Assessment Method (Residents)

The objectives listed under Patient Care above will be assessed during the precepting experience and evidenced by the Resident Evaluation Form completed by the attending physicians at the conclusion of the rotation.

The attainment of competency in the skills of counseling the patient and family as to the recommended treatment plan is assessed by periodic direct or indirect (video) observation.

### Assessment Method (Program Evaluation)

Periodic review of the Musculoskeletal and Sports Medicine rotation Evaluations at Curriculum Meetings which includes review of all rotation evaluations by preceptors, residents, staff evaluations of residents and any additional anonymous evaluations.

### Level of Supervision

Direct supervision of the rotation by the attending Orthopedic Surgeon, Family Physician and Rehab Physician

### Educational Resources

MDConsult, ePocrates, dynamed, hospital library and other System resources

---

### Night Float

**NOTE:** In-house, overnight continuity inpatient care for family medicine, pediatrics and obstetrics from 5:30pm-7:30am Monday through Friday nights

**Overall Goals:**

- To comprehend the evaluation, diagnosis, and treatment of diseases requiring inpatient treatment from the adult, pediatric, and obstetrical perspective.
- To appreciate the management of acute conditions that may arise a night.
Rotational Goals & Objectives

- To illustrate the availability of various diagnostic tools after hours in the inpatient setting and how to maximize patient care despite these limitations.
- To comprehend the common disease states of adults, pediatrics, and obstetrics that requires hospitalization for evaluation and treatment.

Osteopathic Principles and Practice

Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to inpatient medicine as it pertains to family medicine.

Residents are expected to:

Competencies:
- Correlate osteopathic philosophy into managing patient health
- Incorporate osteopathic manual skills into the inpatient setting
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

Objectives:
- Perform a structural examination on all patients s/he admits to the hospital.
- Employ viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for inpatient care.

Patient Care

Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy*, the incorporation of preventative medicine and the promotion of health. Residents are expected to:

Competencies
- Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Use information technology to support patient care decisions and patient education
- Provide health care services aimed at preventing health problems or maintaining health
- Work with health care professionals, including those from other disciplines, to provide patient-focused care

Objectives
### Rotational Goals & Objectives

- Demonstrate the ability to gather appropriate historical information when admitting a patient to the hospital. This must include information regarding a relevant HPI (timing, context, location, severity, and quality of symptoms, associated, aggravating, or alleviating factors), PMH, PSH, Medications, Allergies, FH, and ROS.
- Demonstrate the ability to competently perform all aspects of the physical examination.
- Demonstrate the ability to communicate effectively during patient interaction and, when appropriate, include family in the patient care discussion.
- Review Athena, email, and voicemail for any continuity patient-related questions that need to be addressed.

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Demonstrate an investigatory and analytic thinking approach to inpatient medicine
- Know and apply the basic and clinically supportive sciences which are appropriate to inpatient medicine
- Develop as a medical educator by participating with the instruction of his/her fellow residents.

**Objectives**
- Demonstrate an understanding of normal physiology and how it can be altered by common disease states.
- Demonstrate knowledge of various pharmacological agents used in the management of acute illness requiring hospitalization including indications, effect, dosing, side effects, contraindications, and common interactions.
- Employ appropriate diagnostic modalities including laboratory and radiology.
- Present a well organized and thoughtful case-based presentation utilizing one of the patients they admitted during the rotation. This must cover a different disease process for each presentation.
- Cite the resources utilized in preparing the case-based presentation. It is expected that multiple resources will be utilized for this presentation.

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning
- Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or
Rotational Goals & Objectives

learners
- Use information technology to manage information, access on-line medical information; and support their own education
- Facilitate the learning of students and other health care professionals

Objectives
- Demonstrate knowledge of when consultation is appropriate taking into consideration how this may differ after-hours.
- Read appropriate evidence-based articles on diagnoses being addressed on the various inpatient services. These articles will be documented in the reading log for the rotation.
- Instruct senior resident on pertinent information from these articles and, when appropriate, with the day team.
- Develop an appropriate PICO question and answer for the Case-Based Presentation
- Demonstrate knowledge of Sorian for retrieving diagnostic results and familiarity with the Electronic Document Management (EDM) system of the hospital in order to complete medical record responsibilities and access patient charts from previous hospitalizations.

Systems-Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Coordinate patient care within the health care system relevant to family medicine.
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care
- Know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

Objectives
- Coordinate, in conjunction with the daytime residents for each service and senior night float resident, care for patients requiring inpatient treatment. This will consist of keeping an accurate and updated sign out sheet, following up on orders that occurred earlier in the day, and providing proper sign-out.
- Comprehend the Core Measures currently being used in the hospital and will incorporate them into patient care.

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Competencies
- Compassion, integrity, and respect for others
- Respect for patient privacy and autonomy
- Sensitivity and responsiveness to patients’ culture, age, gender, sexual orientation, and disabilities
Rotational Goals & Objectives

Objectives
- Compassion, integrity, and respect for both patients and hospital staff during rounds.
- Knowledge of appropriate areas to discuss patient care and avoid discussing protected health information in public areas such as elevators, hallways, and with family members unless approved by the patient.
- Responsibility for time management skills by appropriately navigating the work hour regulations
- Ownership of patient care responsibilities and ability to equitably divide patient care tasks with the senior resident

Interpersonal and Communication Skills

Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

Competencies
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member or leader of a health care team or other professional group
- Maintain comprehensive, timely, and legible medical records
- Create and sustain a therapeutic and ethically sound relationship with patients
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

Objectives
- Employ the Language Line or appropriate translator when a language barrier is present.
- Communicate with appropriate consultants to maximize coordination of inpatient care.
- Write nightly notes for the adult inpatient service and complete all appropriate medical records in a timely fashion. This includes but is not limited to: H&Ps, discharge summaries, and medication reconciliation sheets.
- Coordinate, with the assistance of the senior resident, the workload associated with the services to create an equitable division of labor.
- Complete sign-out with the daytime twice daily (at start and end of shift) in person.

Teaching Methods
Interactive patient discussions on each admission and adult inpatient with the senior resident, preparation, presentation and participation at Morning Report, discussion/case review with appropriate consultants

Assessment Method (Residents)
Resident Monthly Service Evaluation, In-Training and Osteopathic In-Service* examination results, Review of Resident Patient Logs, Night Float Case-Based Presentation Evaluation, Resident Peer Evaluation, Checklist for Osteopathic Structural Examination*

Assessment Method (Program Evaluation)
Resident Rotation Evaluation Form, Resident Evaluation of Attending

Level of Supervision
Resident is directly supervised by the senior resident and supervising faculty.

Educational Resources
Topics to be covered will vary depending on the cases involved and assignments by senior residents as well as family medicine faculty will be made. Utilization of Emedicine, American Family Physician, Foundations for Osteopathic Medicine*, Dynamed, Somatic Dysfunction in Osteopathic Family Medicine*, and appropriate electronic databases is expected.

### Night Float – PGY-2, PGY-3

**NOTE:** In-house, overnight continuity inpatient care for family medicine, pediatrics and obstetrics from 5:30pm-7:30am Monday through Friday nights.

**Overall Goals:**
- To understand the evaluation, diagnosis, and treatment of diseases requiring inpatient treatment from the adult, pediatric, and obstetrical perspective.
- To understand the management of acute conditions that may arise a night.
- To understand the availability of various diagnostic tools after hours in the inpatient setting and how to maximize patient care despite these limitations.
- To understand the common disease states of adults, pediatrics, and obstetrics which require hospitalization for evaluation and treatment.

### Osteopathic Principles and Practice

**Goal**

Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to inpatient medicine as it pertains to family medicine. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy with managing patient health
- Incorporate osteopathic manual skills into the inpatient setting
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment

**Objectives:**
- Perform a structural examination on all patients s/he admits to the hospital.
- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for inpatient care.

### Patient Care

**Goal**

Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy*, the incorporation of preventative medicine and the promotion of health. Residents are expected to:

**Competencies**
- Communicate effectively and demonstrate caring and respectful behaviors when interacting with
patients and their families
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Use information technology to support patient care decisions and patient education
- Provide health care services aimed at preventing health problems or maintaining health
- Work with health care professionals, including those from other disciplines, to provide patient-focused care

Objectives
- Demonstrate the ability to gather appropriate historical information when admitting a patient to the hospital. This must include information regarding a relevant HPI (timing, context, location, severity, and quality of symptoms, associated, aggravating, or alleviating factors), PMH, PSH, Medications, Allergies, FH, and ROS.
- Demonstrate the ability to competently perform all aspects of the physical examination.
- Demonstrate the ability to communicate effectively during patient interaction and, when appropriate, include family in the patient care discussion.
- Review Athena, email, and voicemail for any continuity patient-related questions that need to be addressed

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competencies
- Demonstrate an investigatory and analytic thinking approach to inpatient medicine
- Know and apply the basic and clinically supportive sciences which are appropriate to inpatient medicine
- Develop as a medical educator by participating with the instruction of his/her fellow residents.

Objectives
- Demonstrate an understanding of normal physiology and how it can be altered by common disease states.
- Demonstrate knowledge of various pharmacological agents used in the management of acute illness requiring hospitalization including indications, effect, dosing, side effects, contraindications, and common interactions.
- Employ appropriate diagnostic modalities including laboratory and radiology.
- Present a well organized and thoughtful case-based presentation utilizing one of the patients they admitted during the rotation. This must cover a different disease process for each presentation.
- Cite the resources utilized in preparing the case-based presentation. It is expected that multiple resources will be utilized for this presentation.

Practice-Based Learning and Improvement

Goal
Rotational Goals & Objectives

Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning. Residents are expected to:

**Competencies**

- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning
- Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or learners
- Use information technology to manage information, access online medical information; and support their own education
- Facilitate the learning of students and other health care professionals

**Objectives**

- Demonstrate knowledge of when consultation is appropriate taking into consideration how this may differ after-hours.
- Read appropriate evidence-based articles on diagnoses being addressed on the various inpatient services. These articles will be documented in the reading log for the rotation.
- Instruct senior resident on pertinent information from these articles and, when appropriate, with the day team.
- Develop an appropriate PICO question and answer for the Case-Based Presentation
- Demonstrate knowledge of Sorian for retrieving diagnostic results and familiarity with the Electronic Document Management (EDM) system of the hospital in order to complete medical record responsibilities and access patient charts from previous hospitalizations.

**Systems-Based Practice**

**Goal**

Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**

- Coordinate patient care within the health care system relevant to family medicine.
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care
- Know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

**Objectives**

- Coordinate, in conjunction with the daytime residents for each service and senior night float resident, care for patients requiring inpatient treatment. This will consist of keeping an accurate
and updated sign out sheet, following up on orders that occurred earlier in the day, and providing proper sign-out.

- Comprehend the Core Measures currently being used in the hospital and will incorporate them into patient care.

**Professionalism**

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Respect for patient privacy and autonomy
- Sensitivity and responsiveness to patients’ culture, age, gender, sexual orientation, and disabilities

**Objectives**
- Compassion, integrity, and respect for both patients and hospital staff during rounds.
- Knowledge of appropriate areas to discuss patient care and avoid discussing protected health information in public areas such as elevators, hallways, and with family members unless approved by the patient.
- Responsibility for time management skills by appropriately navigating the work hour regulations
- Ownership of patient care responsibilities and ability to equitably divide patient care tasks with the senior resident

**Interpersonal and Communication Skills**

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member or leader of a health care team or other professional group
- Maintain comprehensive, timely, and legible medical records
- Create and sustain a therapeutic and ethically sound relationship with patients
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills

**Objectives**
- Employ the Language Line or appropriate translator when a language barrier is present.
- Communicate with appropriate consultants to maximize coordination of inpatient care.
- Write nightly notes for the adult inpatient service and complete all appropriate medical records in a timely fashion. This includes but is not limited to: H&Ps, discharge summaries, and medication reconciliation sheets.
- Coordinate, with the assistance of the senior resident, the workload associated with the services to create an equitable division of labor.
- Complete sign-out with the daytime twice daily (at start and end of shift) in person.

**Teaching Methods**
## Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Interactive patient discussions on each admission and inpatients (if needed) with the intern and supervising faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case-based Presentation at Morning Report to be presented Friday morning in conjunction with the intern.</td>
</tr>
<tr>
<td>If only one resident is scheduled for the rotation, s/he will be responsible for presentation on all Fridays of that rotation</td>
</tr>
<tr>
<td>Discussion/case review with appropriate consultants</td>
</tr>
</tbody>
</table>

### Assessment Method (Residents)
- Resident Monthly Service Evaluation
- Review of Resident Patient Logs and Reading List
- Night Float Case-Based Presentation Evaluation
- Resident Peer Evaluation
- Checklist for Osteopathic Structural Examination*

### Assessment Method (Program Evaluation)
- Feedback provided on the Resident Rotation Evaluation Form

### Level of Supervision
- Resident is supervised by family medicine, pediatrics, and obstetrical faculty.

### Educational Resources
- Topics to be covered will vary depending on the cases involved and assignments by senior residents as well as family medicine faculty will be made. Utilization of Emedicine, American Family Physician, Foundations for Osteopathic Medicine*, Dynamed, Somatic Dysfunction in Osteopathic Family Medicine*, and appropriate electronic databases is expected.

### Office/Practice Management

**Overall Goals:** The resident is expected to:
- Manage acute, self-limited and uncomplicated routine visits
- Adhere to office protocols and procedures
- Develop interviewing skills
- Develop presentation skills, both patient and lecture
- Recognize the importance of health promotion and disease prevention in the outpatient setting
- Understand the importance of quality improvement in the outpatient setting
- Learn how to use the electronic medical record system in the outpatient setting
- Understand the role each member of the business office and nursing staff has in providing quality patient care

### Osteopathic Principles and Practice

**Goal**
- Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to family medicine and know appropriate practice management considerations. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole

**Objectives:**
- Document appropriate somatic dysfunction in patient interactions.
- Document appropriate billing and coding practices for utilization of osteopathic manipulative medicine skills

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues and the promotion of health

**Competencies**
Residents are expected to:
- Manage a variety of acute self-limited units and uncomplicated routine visits in the outpatient setting.
- Communicate effectively and demonstrate caring and respectful behaviors
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence and clinical judgment
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Use information technology to support patient care decisions and patient education
- Perform competently all medical and invasive procedures considered essential for area of practice
- Provide health care services aimed at preventing health problems and maintaining health
- Work with health care professionals including those from other disciplines to provide patient-focused care

**Objectives**
The resident is expected to:
- Shadow upper year residents and faculty in the clinic as assigned
- See a panel of patients scheduled every 45 minutes during half-day office sessions in the clinic
- Enter progress notes in the EMR in a SOAP format
- Precept all patients seen in the clinic with scheduled preceptor
- Develop a proposed management plan and rationale for it prior to reviewing case with preceptor
- Present patients to the preceptor in an organized, concise manner which includes pertinent and accurate information
- Give a prepared lecture to colleagues

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Know and apply the basic and clinically supportive science in evaluating patients in the outpatient setting
- Demonstrate analytic thinking in evaluating patients in the outpatient setting
- Be a role model and critical part of the team providing care in the outpatient setting

**Objectives**
The resident is expected to gain knowledge and skills in the assessment and management of outpatients with the following:
Rotational Goals & Objectives

- Abdominal Pain
- Chest Pain /AMI
- CHF
- COPD/Asthma exacerbation
- Contraception
- Croup
- DKA
- Drug Overdose
- DVT
- Electrolyte Imbalance
- GI Bleeding
- Health Maintenance
- Hypertension
- Hypertensive Emergency/Crisis
- Immunizations
- Otitis Media
- Patient Education
- Pharyngitis
- Pneumonia
- Third Trimester Bleeding
- URI/Sinusitis
- UTI
- Vaginitis/STD
- Viral GE/Dehydration in the Pediatrics

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Systematically analyze practice using quality improvement methods and implement changes with the goal of practice improvement

Objectives
Residents are expected to:
- Review previous experience, performance on standardized tests and evaluations to understand one’s strengths and limitations in providing care in the outpatient setting
- Meet learning and improvement goals for the rotation
- Participate in learning activities which will help meet the rotation requirements
- Perform a quality chart audit to include review of 20 patients and recommendations for improvement
Rotational Goals & Objectives

in providing quality care
- Rotate with business and nursing staff to observe their role in providing quality care

Systems-Based Practice

Goal
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care in the outpatient setting
- Work in interprofessional teams to enhance patient safety and improve patient care quality for patients in the outpatient setting

Objectives
Residents are expected to:
- Consider the cost and risk benefit of recommended diagnostic studies and treatment modalities
- Take an active role in providing care to a variety of outpatient with other members of the interprofessional team to enhance patient safety and improve patient care quality

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Competencies
- Compassion, integrity and respect for others
- Respect for patient privacy and autonomy
- Sensitivity and responsiveness to patients’ culture, age, gender and disabilities in the outpatient setting

Objectives
- Care for various patients in the outpatient setting while applying the principles of compassion, integrity and respect
- Take care of patients in the outpatient setting in various situations while maintaining privacy and supporting patient autonomy
- Understand and apply the principles of diversity while caring for patient populations have a range of demographics with respect to gender, age, culture, race, religion, disabilities and sexual orientation in the outpatient setting

Teaching Methods
Teaching methods for this rotation include direct patient care in the outpatient setting under the supervision of clinic preceptors, lectures, videotape review, reading materials and case presentations.

Assessment Method (Residents)
The resident’s performance on this rotation is evaluated using the Resident Rotation Evaluation form, presentation evaluation, and completion of quality project and attendance at assigned business and nursing workstations.

Assessment Method (Program Evaluation)
Periodic review of the Rotation Evaluation Summary form.

Level of Supervision
**Rotational Goals & Objectives**

The resident is supervised by Family Medicine Residency Faculty.

**Educational Resources**

Appropriate articles and websites will be provided by presenters and faculty during the rotation.

<table>
<thead>
<tr>
<th>Office/Practice Management</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overall Goals</strong>: The resident is expected to:</td>
</tr>
<tr>
<td>- Manage uncomplicated acute and chronic diseases in the outpatient setting</td>
</tr>
<tr>
<td>- Adhere to office protocols and procedures</td>
</tr>
<tr>
<td>- Improve interviewing skills</td>
</tr>
<tr>
<td>- Improve presentation skills, both patient and lecture</td>
</tr>
<tr>
<td>- Increase the use of health promotion and disease prevention in the outpatient setting</td>
</tr>
<tr>
<td>- Incorporate quality improvement to improve patient care in the outpatient setting</td>
</tr>
<tr>
<td>- Maximize use of the electronic medical record system in the outpatient setting</td>
</tr>
<tr>
<td>- Appreciate the role each member of the business office and nursing staff has in providing quality patient care</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Osteopathic Principles and Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong>: Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to family medicine and know appropriate practice management considerations. Residents are expected to:</td>
</tr>
<tr>
<td><strong>Competencies</strong>:</td>
</tr>
<tr>
<td>- Correlate osteopathic philosophy into managing patient health</td>
</tr>
<tr>
<td>- Formulate osteopathic treatment plan specific to the admitting diagnosis</td>
</tr>
<tr>
<td>- Develop patient management plan that is focused on treating the patient as a whole</td>
</tr>
<tr>
<td><strong>Objectives</strong>:</td>
</tr>
<tr>
<td>- Document appropriate somatic dysfunction in patient interactions.</td>
</tr>
<tr>
<td>- Document appropriate billing and coding practices for utilization of osteopathic manipulative medicine skills</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Patient Care</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong>: Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues and the promotion of health. Residents are expected to:</td>
</tr>
<tr>
<td><strong>Competencies</strong>:</td>
</tr>
<tr>
<td>- Manage a variety of uncomplicated acute and chronic diseases in the outpatient setting</td>
</tr>
<tr>
<td>- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence and clinical judgment</td>
</tr>
<tr>
<td>- Develop and carry out patient management plans</td>
</tr>
<tr>
<td>- Counsel and educate patients and their families</td>
</tr>
<tr>
<td>- Use information technology to support patient care decisions and patient education</td>
</tr>
<tr>
<td>- Perform competently all medical and invasive procedures considered essential for area of practice</td>
</tr>
<tr>
<td>- Provide health care services aimed at preventing health problems and maintaining health</td>
</tr>
</tbody>
</table>
### Rotational Goals & Objectives

**Objectives**
- Work with health care professionals including those from other disciplines to provide patient-focused care
- See a panel of patients scheduled every 20-30 minutes during half-day office sessions in the clinic
- Enter progress notes in the EMR in a SOAP format
- Precept all patients seen in the clinic with scheduled preceptor
- Develop a proposed management plan and rationale for it prior to reviewing case with preceptor
- Present patients to the preceptor in an organized, concise manner which includes pertinent and accurate information
- Give a prepared lecture to colleagues

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Know and apply the basic and clinically supportive science in evaluating patients in the outpatient setting
- Demonstrate analytic thinking in evaluating patients in the outpatient setting
- Be a role model and critical part of the team providing care in the outpatient setting

**Objectives**
- Demonstrate knowledge and skills in the assessment and management of outpatients with the following:
  - Abdominal Pain
  - Anxiety
  - Asthma/COPD
  - Chest Pain
  - Congestive Heart Failure
  - Coronary Artery Disease
  - Depression
  - Diabetes Mellitus
  - Dizziness
  - Fatigue
  - Gastritis/GERD
  - Headache
  - Hypertension
  - Obesity
  - Smoking Cessation

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
Rotational Goals & Objectives

- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Systematically analyze practice using quality improvement methods and implement changes with the goal of practice improvement

**Objectives**
- Review previous experience, performance on standardized tests and evaluations to understand one’s strengths and limitations in providing care in the outpatient setting
- Meet learning and improvement goals for the rotation
- Participate in learning activities which will help meet the rotation requirements
- Perform a quality chart audit to include review of 20 patients and recommendations for improvement in providing quality care

### Systems-Based Practice

**Goal**
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care in the outpatient setting
- Work in interprofessional teams to enhance patient safety and improve patient care quality for patients in the outpatient setting
- Recognize how their patient care and other professional practices affect other health care professional, the health care organization and the larger society and how these elements of the system affect their own practice
- Practice cost effective health care and resources allocation that does not compromise quality of care

**Objectives**
- Consider the cost and risk benefit of recommended diagnostic studies and treatment modalities
- Take an active role in providing care to a variety of outpatient with other members of the interprofessional team to enhance patient safety and improve patient care quality
- Review how various aspects of community, family, state and national can affect patients in their outpatient practice
- Consider the cost of recommended diagnostics studies and therapeutic modalities when managing patients in the outpatient setting

### Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity and respect for others
- Respect for patient privacy and autonomy
- Sensitivity and responsiveness to patients’ culture, age, gender and disabilities in the outpatient setting

**Objectives**
### Rotational Goals & Objectives

- Care for various patients in the outpatient setting while applying the principles of compassion, integrity and respect
- Take care of patients in the outpatient setting in various situations while maintaining privacy and supporting patient autonomy
- Apply the principles of diversity while caring for patient populations have a range of demographics with respect to gender, age, culture, race, religion, disabilities and sexual orientation in the outpatient setting

### Teaching Methods

Teaching methods for this rotation include direct patient care in the outpatient setting under the supervision of clinic preceptors, lectures, videotape review, reading materials and case presentations.

### Assessment Method (Residents)

The resident’s performance on this rotation is evaluated using the Resident Rotation Evaluation form, videotape reviews, presentation evaluation, results of written exam and completion of quality chart audit.

### Assessment Method (Program Evaluation)

Periodic review of the Rotation Evaluation Summary.

### Level of Supervision

The resident is supervised by Family Medicine Residency Faculty.

### Educational Resources

Appropriate articles and websites will be provided by presenters and faculty during the rotation.

### Office/Practice Management

**Overall Goals:** The resident is expected to:
- Manage complex acute and chronic diseases that may be complicated by the existence of psychological/emotional problems in the outpatient setting
- Adhere to office protocols and procedures
- Improve interviewing skills
- Improve presentation skills, both patient and lecture
- Increase the use of health promotion and disease prevention in the outpatient setting
- Incorporate quality improvement to improve patient care in the outpatient setting
- Maximize use of the electronic medical record system in the outpatient setting
- Appreciate the role each member of the business office and nursing staff has in providing quality patient care

### Osteopathic Principles and Practice

**Goal**

Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to family medicine and know appropriate practice management considerations. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy into managing patient health
- Formulate osteopathic treatment plan specific to the admitting diagnosis
- Develop patient management plan that is focused on treating the patient as a whole
### Objectives:
- Document appropriate somatic dysfunction in patient interactions.
- Document appropriate billing and coding practices for utilization of osteopathic manipulative medicine skills

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Manage a variety of complex acute and chronic diseases that may be complicated by the existence of psychological/emotional problems in the outpatient setting
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence and clinical judgment
- Develop and carry out patient management plans
- Counsel and educate patients and their families
- Use information technology to support patient care decisions and patient education
- Perform competently all medical and invasive procedures considered essential for area of practice
- Provide health care services aimed at preventing health problems as maintaining health
- Work with health care professionals including those from other disciplines to provide patient-focused care
- Provide health care services aimed at preventing health problems as maintaining health
- Work with health care professionals including those from other disciplines to provide patient-focused care
- Effectively transfer patient care upon graduation

**Objectives**
- See a panel of patients scheduled every 20 minutes during half-day office sessions in the clinic
- Enter progress notes in the EMR in a SOAP format
- Precept all patients seen in the clinic with scheduled preceptor
- Develop a proposed management plan and rationale for it prior to reviewing case with preceptor
- Present patients to the preceptor in an organized, concise manner which includes pertinent and accurate information
- Give a prepared lecture to colleagues
- Identify patients from panel for transfer to subsequent provider

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Know and apply the basic and clinically supportive science in evaluating patients in the outpatient setting
- Demonstrate analytic thinking in evaluating patients in the outpatient setting
Rotational Goals & Objectives

- Be a role model and critical part of the team providing care in the outpatient setting

Objectives
- Demonstrate knowledge and skills in the assessment and management of outpatients with the following:
  - Alcohol Abuse
  - Arthritis
  - Child Abuse
  - Connective Tissue Disorders
  - Dementia
  - Drug Abuse
  - Eating Disorders
  - Infertility
  - Living Will/End of Life Issues
  - Medical-Legal Issues
  - Obesity
  - Office Sports Exam
  - Sexual Assault
  - Thyroid Disease
  - Transfer of Patient Care

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Systematically analyze practice using quality improvement methods and implement changes with the goal of practice improvement

Objectives
- Review previous experience, performance on standardized tests and evaluations to understand one’s strengths and limitations in providing care in the outpatient setting
- Meet learning and improvement goals for the rotation
- Participate in learning activities which will help meet the rotation requirements
- Perform a quality chart audit to include review of 20 patients and recommendations for improvement in providing quality care

Systems-Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care in the outpatient setting
Rotational Goals & Objectives

- Work in interprofessional teams to enhance patient safety and improve patient care quality for patients in the outpatient setting
- Define how their patient care and other professional practices affect other health care professional, the health care organization and the larger society and how these elements of the system affect their own practice
- Practice cost effective health care and resources allocation that does not compromise quality of care

Objectives
- Consider the cost and risk benefit of recommended diagnostic studies and treatment modalities
- Take an active role in providing care to a variety of outpatient with other members of the interprofessional team to enhance patient safety and improve patient care quality
- Review how various aspects of community, family, state and national can affect patients in their outpatient practice
- Consider the cost of recommended diagnostics studies and therapeutic modalities when managing patients in the outpatient setting

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Competencies
- Compassion, integrity and respect for others
- Respect for patient privacy and autonomy
- Sensitivity and responsiveness to patients’ culture, age, gender and disabilities in the outpatient setting

Objectives
- Care for various patients in the outpatient setting while applying the principles of compassion, integrity and respect
- Take care of patients in the outpatient setting in various situations while maintaining privacy and supporting patient autonomy
- Apply the principles of diversity while caring for patient populations have a range of demographics with respect to gender, age, culture, race, religion, disabilities and sexual orientation in the outpatient setting

Teaching Methods
Teaching methods for this rotation include direct patient care in the outpatient setting under the supervision of clinic preceptors, lectures, videotape review, reading materials and case presentations.

Assessment Method (Residents)
The resident’s performance on this rotation is evaluated using the Resident Rotation Evaluation form, videotape reviews, presentation evaluation, results of written exam and completion of quality chart audit.

Assessment Method (Program Evaluation)
Periodic review of the Rotation Evaluation Summary form.

Level of Supervision
The resident is supervised by Family Medicine Residency Faculty.

Educational Resources
Appropriate articles and websites will be provided by presenters and faculty during the rotation.
Electives
Note: Resident must complete the Elective Rotation Approval Form prior to the rotation and review it with the ADME at least 6 weeks prior to start of the rotation
Overall Goals:
- Increase experience and knowledge in the elective area of choice.
- Increase self-guided learning by choosing electives that address areas identified as knowledge deficiencies by the resident.
- Elective specific goals as described by the resident on the Elective Rotation Approval Form.

Osteopathic Principles and Practice
Goal
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine.
Residents are expected to:
Competencies
- Integrate osteopathic concepts and OMT into the medical care provided to patients as appropriate.
- Understand and integrate osteopathic principles and philosophy into all clinical and patient care activities.
Objectives
- Demonstrate knowledge in how osteopathic concepts and OMT play a role in the elective area.

Patient Care
Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:
Competencies
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment
- Develop and carry out patient management plans
- Work with health care professionals, including those from other disciplines, to provide patient-focused care
Objectives
- Obtain an appropriate history as it relates to the elective specialty.
- Know the appropriate diagnostic tools unique to the elective specialty area.
- Know when referral to the elective specialist is appropriate.

Medical Knowledge
Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Competencies</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate an investigatory and analytic thinking approach to clinical situations</td>
<td>Know which resources provide the most information on disease processes related to the elected specialty.</td>
</tr>
<tr>
<td>Know and apply the basic and clinically supportive sciences which are appropriate to their discipline</td>
<td></td>
</tr>
</tbody>
</table>

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

<table>
<thead>
<tr>
<th>Competencies</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify strengths, deficiencies and limits in one’s knowledge and expertise</td>
<td>Consider electives in areas of knowledge deficit as demonstrated by performance on the in-training examination or other rotations.</td>
</tr>
<tr>
<td>Set learning and improvement goals</td>
<td>Identify learning and improvement goals via the Elective Rotation Approval Form.</td>
</tr>
<tr>
<td>Identify and perform appropriate learning activities</td>
<td></td>
</tr>
</tbody>
</table>

Systems-Based Practice

Goal
Residents will demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

<table>
<thead>
<tr>
<th>Competencies</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice</td>
<td>Know when consultation with elective attending is appropriate and cost-effective.</td>
</tr>
<tr>
<td>Know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources</td>
<td></td>
</tr>
<tr>
<td>Practice cost-effective health care and resource allocation that does not compromise quality of care</td>
<td></td>
</tr>
</tbody>
</table>

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

<table>
<thead>
<tr>
<th>Competencies</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compassion, integrity, and respect for others</td>
<td></td>
</tr>
<tr>
<td>Accountability to patients, society, and the profession</td>
<td></td>
</tr>
<tr>
<td>Demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices</td>
<td></td>
</tr>
</tbody>
</table>
### Rotational Goals & Objectives

- Exhibit compassion, integrity, and respect for patients, hospital staff, and other physicians during rounds.
- Promptness and will round with the elective attending when requested.

### Interpersonal and Communication Skills

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Communicate effectively with physicians, other health professionals, and health related agencies
- Act in a consultative role to other physicians and health professionals
- Work effectively with others as a member or leader of a health care team or other professional group

**Objectives**
- Communicate with the specialists to maximize patient care.
- Assist the elective attending with daily medical documentation to facilitate patient care.

### Teaching Methods

Interactive teaching rounds with the elective attending
Self-guided reading to increase knowledge in areas of deficits
Attendance at the Resident Lecture Series, Grand Rounds, Tumor Board

### Assessment Method (Residents)

Resident Monthly Service Evaluation, Review of Elective Rotation Approval Form by resident and advisor, Review of Resident Patient Log and Reading List

### Assessment Method (Program Evaluation)

Resident Rotation Evaluation Form, Resident Evaluation of Attending form

### Level of Supervision

Resident is directly supervised by the elective attending physician

### Educational Resources

Topics to be covered will vary depending on the resident’s goals and specialty chosen. Resources may include numerous electronic databases as reviewed with the attending and specialty specific texts.

## LONGITUDINAL EXPERIENCES

### Osteopathic Principles and Practices – Longitudinal Experience

**Overall Goal:** To fully implement osteopathic principles and practice into patient care provided across the spectrum of family medicine.

### Osteopathic Principles and Practice

**Goal**
Residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to family medicine. Residents are expected to:

**Competencies:**
- Correlate osteopathic philosophy with managing patient health
### Rotational Goals & Objectives

- Incorporate osteopathic manual skills into patient care
- Formulate an osteopathic treatment plan specific to the admitting diagnosis
- Develop a patient management plan that is focused on treating the patient as a whole
- Incorporates knowledge of viscerosomatic reflex patterns into diagnosis and treatment

**Objectives:**
- Perform a structural examination on all patients they admit to the hospital.
- Employ viscerosomatic reflex patterns to assist in narrowing the differential diagnosis.
- Document appropriate somatic dysfunction in the assessment portion of all H&Ps.
- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment for patient care.

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment
- Develop and carry out patient management plans
- Perform competently all medical and invasive procedures considered essential for the area of practice
- Provide health care services aimed at preventing health problems or maintaining health

**Objectives**
- Demonstrate the ability to appropriately document the musculoskeletal portion of the physical examination.
- Demonstrate knowledge of appropriate osteopathic manipulative techniques to maximize homeostasis.
- Articulate appropriate life-style modification recommendations for the patient to maintain health.

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Demonstrate an investigatory and analytic thinking approach to the implementation of OMM in clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to family medicine
- Develop as a medical educator by sharing knowledge with fellow residents and faculty

**Objectives**
- Know where to locate current information regarding the incorporation of osteopathic manipulative treatment into patient care.
### Rotational Goals & Objectives

- Participate in the annual ACOFP In-Training examination.
- Complete at least one project of publishable quality during the 3 year course of his/her residency.

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Incorporate formative evaluation feedback into daily practice
- Analyze practice experience and perform practice-based improvement activities using a systematic methodology
- Obtain and use information about their own population of patients and the larger population from which their patients are drawn
- Use information technology to manage information, access on-line medical information; and support their own education

**Objectives**
- Participate with collecting data for the American Osteopathic Association’s Clinical Assessment Program (CAP)
- Use information from data entered into CAP to assess success of clinical practices.

### Systems-Based Practice

**Goal**
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Advocate for quality patient care and optimal patient care systems
- Know how types of medical practice differ from one another, including methods of controlling health care costs and allocating resources
- Practice cost-effective health care and resource allocation that does not compromise quality of care
- Advocate for quality patient care and assist patients in dealing with system

**Objectives**
- Articulate the role osteopathic medicine plays in providing quality health care.
- Know when implementation of OMM promotes cost-effective health care.

### Professionalism

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others
- Accountability to the profession
- Demonstrate sensitivity and responsiveness to patients’ culture, age, gender, and disabilities

**Objectives**
- Respect for both patients and support staff in all interactions.
### Rotational Goals & Objectives

- Attendance at least one conference sponsored by the American College of Osteopathic Family Physicians.

### Interpersonal and Communication Skills

#### Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

#### Competencies
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member or leader of a health care team or other professional group
- Maintain comprehensive, timely, and legible medical records
- Create and sustain a therapeutic and ethically sound relationship with patients

#### Objectives
- Document structural exams and incorporation of osteopathic thought on all patients admitted to the hospital.
- Utilize communication skills and teamwork through case presentations, lectures, and journal clubs presented to their fellow residents.

### Teaching Methods
- Direct observation of palpation and manual skills during OMM clinic
- Inpatient interactive teaching rounds
- Monthly OMM lecture series
- Outpatient office precepting directed towards appropriate implementation of OMM

### Assessment Method (Residents)
- Osteopathic Structural Exam Checklist, IRAC Quarterly Summation Forms, Direct observation of OMM skills by the PD/DOME, periodic chart review by PD/DOME for documentation of appropriate implementation of OMM

### Assessment Method (Program Evaluation)
- Resident Rotation Evaluation Form

### Level of Supervision
- Direct supervision by the PD and DOME

### Educational Resources
- Foundations of Osteopathic Medicine, Osteopathic Considerations in Systemic Dysfunction, Somatic Dysfunction in Osteopathic Family Medicine, JAOA

### Geriatrics – Longitudinal Experience

#### Overall Goals:
- Develop necessary interpersonal skills for effective management of the elderly.
- Establish a healthy doctor/patient relationship
- Maintain a healthy working relationship with colleagues and professionals
- Develop clinical skills in problem evaluation of the elderly
- Develop an effective plan of action
- Develop organizational skills in health maintenance, longitudinal care through time efficiency and
Rotational Goals & Objectives

Patient Care
Goal
Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. Residents are expected to:

Competencies
- Advocate for excellence in patient care of elderly
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment

Objectives
- Demonstrate the ability to evaluate current problems through a thorough history, a full physical examination, and complete sensory, gait and balance, mental status, nutritional, environmental, and social exams and a brief depression analysis.
- Demonstrate the ability to develop and carry out management plans for elderly patients
- Demonstrate the ability to counsel patients and families regarding above
- Demonstrate the ability to give special attention to geriatric risk factors to prevent additional morbidity, such as smoking, ETOH abuse, driving issues, environmental safety, sensory losses, lack of social support, frailty, malnutrition, immobility, falls and confusion.

Medical Knowledge
Goal
Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care. Residents are expected to:

Competencies
- Demonstrate an investigatory and analytic thinking approach to the elderly patient
- Know and apply the basic and clinically supportive sciences which are appropriate to elderly.

Objectives
- Demonstrate knowledge of established biomedical, clinical, epidemiological and social-behavioral science in geriatrics
- Demonstrate ability to integrate evolving knowledge of established biomedical, clinical, epidemiological and social-behavioral science in geriatrics
- Demonstrate ability to apply knowledge of established biomedical, clinical, epidemiological and social-behavioral science to patient care, practice management, and systems-based practice in a professional manner.

Practice-Based Learning and Improvement
Goal
Residents must demonstrate the ability to appraise and assimilate scientific evidence for improving practice, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
### Rotational Goals & Objectives

- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

#### Objectives
- Demonstrate the ability to use information technology to locate relevant articles and data.
- Demonstrate the ability to use information technology to assimilate relevant articles and data.
- Demonstrate the ability to use information technology to appraise relevant articles and data.

### Systems Based Practice

#### Goal
Residents must demonstrate working medical knowledge of systems in health care, and use that knowledge to call effectively on other resources in the system to provide optimal health care. Residents are expected to:

#### Competencies
- Effect positive change in geriatric health care systems based on medical evidence
- Coordinate elderly patient care
- Consider cost and risk-benefit analysis and use in elderly patient care
- Advocate for quality geriatric patient care and optimal elderly patient care systems
- Integrate medical knowledge in order to work in interprofessional teams to enhance patient safety and improve patient care quality

#### Objectives
- Demonstrate the ability to effectively and efficiently utilize the consultation services to care for elderly patients
- Use that knowledge to effectively coordinate care between services

### Professionalism

#### Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to:

#### Competencies
- Effectively treat the elderly with respect and dignity
- Understand privacy issues when communicating with elderly and their families

#### Objectives
- Timely attendance at all required teaching sessions.
- Demonstrate professionalism with working private patient information in following HIPPA guidelines
- Attend nursing home sign-out and rounds

### Interpersonal and Communication Skills

#### Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

#### Competencies
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
Rotational Goals & Objectives

- Communicate effectively with physicians, other health professionals, and health related agencies in order to gain, integrate and apply medical knowledge from those professionals

Objectives
- Demonstrate effective communication skills, both verbally and in writing, as evidenced by feedback from the elderly and their families.
- Demonstrate the ability to assess elderly patient’s ability to communicate their needs effectively
- Demonstrate the ability to function as a team member in transmitting medical knowledge by communicating with consultants.
- Demonstrate the ability to address the patient directly, in a pleasant, non-condescending manner, regardless of the patient’s physical or mental status.

Teaching Methods
Interactive teaching rounds during nursing home rounds and on the inpatient service, direct observation of attending/patient interaction, small group discussions focused on relevant medical topics during monthly nursing home rounds, presentation and participation at Morning Report as well as nursing home sign-out, attendance at Residency Lecture Series, Grand Rounds, Tumor Board

Assessment Method (residents)
QEC, In-Training Examinations, Passage of Step 3, nursing home precepting

Assessment Method (Program Evaluation)
Review of feedback provided via MyEvaluations.com, periodic review of the curriculum at faculty meetings.

Level of Supervision
Resident is directly supervised by the family medicine faculty.

Educational Resources
Direct patient contact, direct interaction with family medicine faculty, on-line resources such as Emedicine, Dynamed, Ovid, Access Medicine, geriatric review course via videotape

NURSING HOME EXPECTATIONS
The monthly nursing home visits are designed to give residents a continuity experience at a nursing home as well as a flavor for nursing home care in practice. This is an educational experience and the behavior expectations are as follows:

- At the beginning of the 1st year, residents are assigned to a specific nursing home. The group of residents assigned to a nursing home constitutes that NURSING HOME TEAM.
- Once a month, the community medicine resident presents sign-out on the nursing home patients and then the team goes to their respective nursing home for rounds. If a member of the team cannot attend, communication to the attending of that nursing home is expected.
- Residents are expected to carry out nursing home duties including but not limited to: review of interim care, review of lab data, review and signing of monthly orders and any other responsibilities or assigned duties that may arise.
- Monthly rounds are required on all nursing home patients. It is the responsibility of the team to ensure that these patients are cared for. If no member of the team is able to attend nursing home rounds, the attending for that nursing home and the community medicine resident must be notified by the team. The community medicine resident may be asked to substitute.
Rotational Goals & Objectives

- While day to day duties with coverage of the nursing home is done by the community medicine resident, the team is expected to follow the patient’s status. Close communication of the nursing home patient’s status is expected between the nursing home team and the community medicine resident.
- The senior residents on the team are expected to help review any concerns or questions about a patient assigned to their nursing home. Faculty is also available to review any questions or concerns that may arise.

<table>
<thead>
<tr>
<th>Women’s Health – Longitudinal Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goals:</strong></td>
</tr>
<tr>
<td>This curriculum is designed to provide learning opportunities in the important task of preventing illness and the preservation of health as well as the diagnosis and management of a broad range of medical problems of women throughout all life stages. This curriculum focuses on the prevention, counseling, detection, diagnosis and treatment of medical conditions that are unique to women. These conditions may be more common in women, are more serious in women, and have manifestations, risk factors or interventions that are different in women. This structured experience in the non-obstetric, non-gynecologic care of women is in addition to the emphasis placed on certain topics in the required Obstetrics rotations during PGY1-2 and the required Gynecology rotation during PGY2-3. The learning experience of this curriculum progresses longitudinally over the three years of training across a variety of settings of didactic teaching. The resident will gain competency in the management of a broad range of women’s health issues and learn to recognize when medical or surgical sub-specialty consultation is appropriate.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Osteopathic Principles and Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to women’s health as it pertains to family medicine. Residents are expected to:</td>
</tr>
<tr>
<td><strong>Competencies:</strong></td>
</tr>
<tr>
<td>- Correlate osteopathic philosophy into managing patient health</td>
</tr>
<tr>
<td>- Develop patient management plan that is focused on treating the patient as a whole</td>
</tr>
<tr>
<td>- Incorporate knowledge of viscerosomatic reflex patterns into diagnosis and treatment</td>
</tr>
<tr>
<td><strong>Objectives:</strong></td>
</tr>
<tr>
<td>- Utilize viscerosomatic reflex patterns to assist in narrowing the differential diagnosis when appropriate.</td>
</tr>
<tr>
<td>- Document appropriate somatic dysfunction when pertinent to complaint.</td>
</tr>
<tr>
<td>- Formulate a plan for the appropriate implementation of osteopathic manipulative treatment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Patient Care</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal</strong></td>
</tr>
<tr>
<td>Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:</td>
</tr>
<tr>
<td><strong>Competencies</strong></td>
</tr>
<tr>
<td>- Perform an accurate, comprehensive history and physical examination and correctly the interpret findings.</td>
</tr>
</tbody>
</table>
Rotational Goals & Objectives

- Provide appropriate evidence-based routine women’s health screening recommendations. (Ex. cholesterol, colon cancer screening)
- Provide counseling to patients on preventive health measures and risk factor modification.
- Perform common screening/testing procedures using standard protocol and offering education and support to the patient.
- Demonstrate a progressive and quantifiable knowledge and understanding of the diversity of women’s health needs over the life cycle. Emphasis is placed on the following topics:
  - Lifespan Approach to Women’s Health Issues
    - Birth to Adolescence
      - Developmental Issues: normal growth and development; physiology of fertility; psychosocial concerns
      - Injury prevention
      - Substance Abuse
      - Depression and Suicide Prevention
      - Sexual Activity: teen pregnancy prevention; contraception; STD’s & HIV
      - Sexual Abuse: sexual assault/rape; intervention & counseling; pregnancy & STD prophylaxis
    - Ages 15-44 Years
      - Risk-taking and health behaviors
      - Eating disorders
      - Psychosocial Issues
      - Health Problems of the Female Athlete
      - Reproductive Health/ Prenatal Care and Family Planning/ Infertility Evaluation
      - Postpartum Depression
      - Role Strain & Child Care Issues
      - Abortion: Ethics & Emotional Impact
      - Interpersonal & Domestic Violence
    - Ages 45-64 Years
      - Chronic Disorders & Cardiovascular Disease
      - Life Cycle Transition including Menopause
      - Cancer
    - Ages 65 Years & Older
      - Chronic & Degenerative Conditions
      - Social Isolation
      - Mental Health Issues of the Elderly

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences as well as the application of this knowledge to patient care. Residents are expected to:

Competencies
- Demonstrate an understanding of the pathophysiology, risk factors, preventive measures, and
Rotational Goals & Objectives

appropriate screening for health issues of women across their lifespan.

- Demonstrate proficiency in the diagnosis of disease states more common in women, or with different presentations, treatments, or outcomes in women.
- Demonstrate knowledge of appropriate treatment and management of these diseases.

Objectives

- Demonstrate the ability to identify and formulate an appropriate treatment plan for women with:
  - Alcohol Use and Abuse
  - Alopecia
  - Alzheimer’s
  - Anxiety Disorders
  - Autoimmune Hepatitis
  - Celiac Disease
  - Chronic Fatigue Syndrome
  - Constipation
  - Coronary Disease
  - Costochondritis
  - Cushing Syndrome
  - Depression
  - Dermatomyositis
  - Domestic Violence
  - Eating Disorders
  - Fibromyalgia
  - Gallbladder Disease
  - Headache/Migraine
  - Hypercholesterolemia
  - Hypertension
  - Hypothyroidism
  - Hyperthyroidism
  - Insomnia
  - Irritable Bowel Syndrome
  - Multiple Sclerosis
  - Obesity
  - Preventive Women’s Health
  - Raynaud's Phenomenon
  - Rheumatoid Arthritis
  - Scleroderma
  - Sexual Assault and Abuse
  - Sjogren's Syndrome
  - Substance Abuse
  - Systemic Lupus Erythematosus
  - TMJ Syndrome
  - Tobacco Use and Abuse
  - Urinary Incontinence
  - Urinary Tract Infection
  - Venous Thromboembolism

- Demonstrate proficiency in interpreting and developing a management plan for:
  - Lipid Testing
  - TSH
  - U/A with microscopy
  - Ultrasound
  - Electrolytes
  - CT scan
  - CBC
  - MRI
  - ESR
  - ANA
  - Rh factor
  - Colonoscopy
  - PAP
  - GC/Chlamydia
  - BMI
  - Waist Circumference
  - Depression screening with tools such as PHQ—9
  - Domestic Violence screening with scale such as HITS or WAST
- Recognize when specialist consultation is appropriate or necessary for optimal patient care or management.

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation, and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
Rotational Goals & Objectives

- Identify and perform appropriate learning activities such as self-study or assigned readings by clinical faculty.
- Use information technology (PDA, on-line resources) to optimize their learning.
- Apply evidence-based medicine to patient care.

Objectives
- Acquire a progressive increase in the knowledge base to enable them to competently diagnose and manage a broad range of women’s health issues.

Systems-Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Coordinate patient care within the health care system.
- Work in interprofessional teams to enhance patient safety and improve patient care quality.
- Understand systems barriers to women’s health care.

Objectives
- Appropriately utilize resources for diagnostic testing.
- Appropriately refer the patient for specialist consultation.

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Competencies
- High standards of ethical conduct and commitment in performing all their professional duties and responsibilities while demonstrating appropriate respect for his/her colleagues, nurses, and other allied health professionals and staff.

Objectives
- Compassion, beneficence, and respect for patient autonomy in providing medical care, including the appropriate use of chaperones.
- Maintain patient confidentiality.
- Perform all professional duties with diligence, emotional maturity, and integrity.
- Demonstrate respect for other members of the healthcare team and associated staff including the understanding of appropriate verbal and non-verbal communication, and sensitivity to gender and cultural differences that may create a hostile work environment or suggest sexual harassment.

Interpersonal and Communication Skills

Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

Competencies
- Discuss with the patient (and family as appropriate) in language they can understand the nature of the health issue and the appropriate treatment or preventive health measures.
- Demonstrate active listening skills during patient encounters.
- Document in the medical record in a clear, concise, complete manner.
### Rotational Goals & Objectives

- Learn appropriate verbal and non-verbal communication, and sensitivity to gender and cultural differences.

### Objectives
- Create and sustain effective therapeutic relationships.
- Effectively communicate the importance of appropriate diagnosis and treatment of conditions specific to or predominantly affecting women in the context of total health.
- Demonstrate sensitivity to race, religion, gender, age, and cultural issues

### Teaching Method
One-on-one mentoring and patient case discussion, Morning Report and conferences, Journal Club, required rotations.

### Assessment Method (Residents)
Direct Observation of Resident’s in hospital and clinic
Quarterly resident meetings with Family Medicine Advisor.
In-training exam, record/chart review, structured case discussions.

### Assessment Method (Program Evaluation)
- ABFM In-training Examination
- My Evaluations.com reports
- On-line Program Survey

### Level of Supervision
Family Medicine Faculty Attending

### Educational Resources
- Direct patient contact
- Direct interaction from the Family Medicine Faculty
- On-line resources (eMedicine, Up-To-Date, Ovid, Access Medicine)

### Patient Care – Longitudinal Experience

#### Overall Goal:
- Demonstrate ability to care for patients based on established biomedical, clinical, epidemiological and social-behavioral science.
- Demonstrate ability to integrate evolving knowledge of established biomedical, clinical, epidemiological and social-behavioral science to patient care
- Demonstrate ability to apply knowledge of established biomedical, clinical, epidemiological and social-behavioral science to patient care.
- Demonstrate ability to advocate for improved patient care using established biomedical, clinical, epidemiological and social-behavioral science to patient care.
- Understand concept of patient centered medical home

### Patient Care Goal
Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. Residents are expected to:

#### Competencies
### Rotational Goals & Objectives

- Advocate for proper patient care
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences

**Objectives**
- Demonstrate the ability to gather appropriate historical data on their patients.
- Demonstrate the ability to make informed decisions and interventions based on patient’s biopsychosocial state
- Demonstrate the ability to develop and carry out management plans based on patient’s biopsychosocial state
- Demonstrate the ability to counsel patients and families regarding above, with tailoring to the patient’s specific circumstances

### Medical Knowledge

**Goal**
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**
- Demonstrate knowledge of established biomedical, clinical, epidemiological and social-behavioral science in regards to specific patient care issues
- Demonstrate ability to integrate evolving knowledge of established biomedical, clinical, epidemiological and social-behavioral science
- Demonstrate ability to apply knowledge of established biomedical, clinical, epidemiological and social-behavioral science to patient care in a professional manner.

**Objectives**
- Demonstrate knowledge of established biomedical, clinical, epidemiological and social-behavioral science.
- Demonstrate ability to integrate evolving knowledge of established biomedical, clinical, epidemiological and social-behavioral science
- Demonstrate ability to apply knowledge of established biomedical, clinical, epidemiological and social-behavioral science to patient care in a professional manner.

### Practice-Based Learning and Improvement

**Goal**
Residents must demonstrate the ability to appraise and assimilate scientific evidence for improving practice, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to:

**Competencies**
- Identify strengths, deficiencies and limits in one’s relationship to patient when trying to provide care
- Understand principals of patient centered medical home
- Use information technology to optimize patient centered practice

**Objectives**
- Demonstrate insight to how to create a patient centered practice
- Demonstrate the ability to use information technology to locate relevant practice management tools in creating a patient center practice
Rotational Goals & Objectives

- Demonstrate the ability to use information technology to assimilate relevant practice management tools in creating a patient center practice
- Demonstrate the ability to use information technology to appraise relevant practice management tools in creating a patient center practice

### Systems-Based Practice
**Goal**
Residents must demonstrate working medical knowledge of systems in health care, and use that knowledge to call effectively on other resources in the system to provide optimal health care. Residents are expected to:

**Competencies**
- Use knowledge of patient care to effect positive change in health care systems based on medical evidence
- Coordinate patient care using resources available in the system
- Consider cost awareness and risk-benefit analysis for use in patient care
- Advocate for quality patient care and optimal patient care systems
- Integrate with interprofessional teams to enhance patient safety and improve patient care quality

**Objectives**
- Demonstrate the ability to effectively and efficiently utilize the consultation services to improve patient care.
- Effectively coordinate care between services to improve patient care

### Professionalism
**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to:

**Competencies**
- Understand ethical obligation to patients
- Understand obligation to set learning and improvement goals

**Objectives**
- Demonstrate professionalism as evidenced by timely attendance to patient care sessions
- Demonstrate professionalism with working private patient information in accordance with HIPPA guidelines
- Demonstrate professionalism with working patients, their families and fellow physicians when caring for patients

### Interpersonal and Communication Skills
**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds in order to coordinate their care
- Communicate effectively with physicians, other health professionals, and health related agencies in order to improve patient care

**Objectives**
- Demonstrate effective communication skills, both verbally and in writing, as evidenced by feedback
Rotational Goals & Objectives

- Demonstrate effective communication skills, both verbally and in writing, as evidenced by feedback from the office staff.
- Demonstrate the ability to function as a team member by presenting at morning report.
- Demonstrate the ability to function as a team member in by communicating information at shift change.
- Demonstrate the ability to function as a team member by communicating with consultants.

Teaching Methods

- Interactive teaching rounds on the inpatient service
- Direct observation of attending/patient interaction
- Small group discussions focused on relevant medical topics

Assessment Method (residents)

- QEC, In-Training Exam, Outpatient office Precepting

Assessment Method (Program Evaluation)

- Periodic review of the curriculum at faculty Curriculum meetings.

Level of Supervision

- Resident is directly supervised by both the senior resident and the family medicine faculty.

Educational Resources

- Utilization of Emedicine, American Family Physician, Harrison’s Textbook of Medicine, and appropriate electronic databases is expected.

Medical Knowledge - Longitudinal Experience

Overall Goals:

- Demonstrate knowledge of established biomedical, clinical, epidemiological and social-behavioral science.
- Demonstrate ability to integrate evolving knowledge of established biomedical, clinical, epidemiological and social-behavioral science.
- Demonstrate ability to apply knowledge of established biomedical, clinical, epidemiological and social-behavioral science to patient care, practice management, and systems-based practice in a professional manner.

Patient Care

Goal

- Residents must be able to provide patient care that is compassionate, and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

Competencies

- Use medical knowledge to advocate patient care
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment

Objectives
Rotational Goals & Objectives

- Demonstrate the ability to gather appropriate historical data on their patients.
- Demonstrate the ability to make informed decisions and interventions based on up to date medical knowledge
- Demonstrate the ability to develop and carry out management plans with medical knowledge
- Demonstrate the ability to counsel patients and families regarding above

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to appraise and assimilate scientific evidence for improving practice, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise;
- Set learning and improvement goals
- Identify and perform appropriate learning activities
- Incorporate formative evaluation feedback into daily practice
- Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to optimize learning

Objectives
- Demonstrate the ability to use information technology to locate relevant articles and data.
- Demonstrate the ability to use information technology to assimilate relevant articles and data.
- Demonstrate the ability to use information technology to appraise relevant articles and data.

Systems-Based Practice

Goal
Residents must demonstrate working medical knowledge of systems in health care, and use that knowledge to call effectively on other resources in the system to provide optimal health care. Residents are expected to:

Competencies
- Use medical knowledge to effect positive change in health care systems based on medical evidence
- Find and use medical knowledge to coordinate patient care
- Find medical information on considerations of cost awareness and risk-benefit analysis and use in patient care
- Advocate for quality patient care and optimal patient care systems
- Integrate medical knowledge in order to work in interprofessional teams to enhance patient safety and improve patient care quality

Objectives
- Demonstrate the ability to effectively and efficiently utilize the consultation services to improve medical knowledge.
- Use that knowledge to effectively coordinate care between services

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to:

Competencies
### Rotational Goals & Objectives

- Understand ethical obligation to identify strengths, deficiencies and limits in one’s knowledge and expertise;
- Understand obligation to set learning and improvement goals

#### Objectives

- Demonstrate professionalism as evidenced by timely attendance at all required teaching sessions.
- Demonstrate professionalism with working private patient information in increasing his or her medical knowledge following HIPAA guidelines
- Demonstrate professionalism with working private patient information in increasing medical knowledge among fellow physicians following HIPAA guidelines

#### Interpersonal and Communication Skills

**Goal**

Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**

- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds in order to apply medical knowledge to their care
- Communicate effectively with physicians, other health professionals, and health related agencies in order to gain, integrate and apply medical knowledge from those professionals

**Objectives**

- Demonstrate effective communication skills, both verbally and in writing, as evidenced by feedback from patients and their families.
- Demonstrate effective communication skills, both verbally and in writing, as evidenced by feedback from the office staff.
- Demonstrate the ability to function as a team member in transmitting medical knowledge by presenting at morning report.
- Demonstrate the ability to function as a team member in transmitting medical knowledge by communicating information at shift change.
- Demonstrate the ability to function as a team member in transmitting medical knowledge by communicating with consultants.

#### Teaching Methods

- Interactive teaching rounds on the inpatient service
- Direct observation of attending/patient interaction
- Small group discussions focused on relevant medical topics
- Presentation and participation at Morning Report
- Attendance at Residency Lecture Series, Grand Rounds, Tumor Board

#### Assessment Method (Residents)

- QEC, In-Training Exam, Passage of Step 3, Outpatient office Precepting

#### Assessment Method (Program Evaluation)

- Periodic review of the curriculum at faculty Curriculum meetings.

#### Level of Supervision

- Resident is directly supervised by both the senior resident and the family medicine faculty.

#### Educational Resources

- Utilization of Dynamed, Emedicine, American Family Physician, Harrison’s Textbook of Medicine, and
### Practice-Based Learning and Improvement – Longitudinal Experience

**Overall Goals:** The resident is expected to:

- Demonstrate the ability to self-monitor and reflect on their own work and initiate their own learning.
- Analyze past and current clinical practice to understand root causes of problems and to improve future care based on previous experiences.
- Participate in at least one team to improve a process or aspect of health care delivery within the residency.
- Demonstrate effective team participation.
- Demonstrate the ability to locate, appraise, and assimilate evidence from the biomedical literature related to their patient’s health problems.
- Apply knowledge of study designs and statistical methods to the appraisal of clinical studies and other information on diagnostic and therapeutic effectiveness.

### Patient Care

**Goal**

Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**

- Gather essential and accurate information about their patients.
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment.
- Develop and carry out patient management plans.
- Use information technology to support patient care decisions and patient education.

**Objectives**

- Document appropriate information gathered from patients that will be utilized in medical decision making.
- Develop individualized approach to make informed decisions about diagnostic and therapeutic interventions based on the best available evidence.
- Perform periodic chart audits for quality markers and develop interventions for improving quality patient care.

### Medical Knowledge

**Goal**

Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

**Competencies**

- Demonstrate an investigatory and analytic thinking approach to clinical situations.
- Know and apply the basic and clinically supportive sciences which are appropriate to Family Medicine.
- Develop their own systematic approach to keeping up to date with changes in the biomedical
Rotational Goals & Objectives

Objectives
- Based on clinical experience develop a focused clinical question using the PICO model (population, intervention, comparison, outcome) that will be applicable to a patient population.
- Locate and appraise an original investigation that will inform the answer to their clinical question.
- Present the clinical question and overview of the evidence used to inform the answer to colleagues in the form of Critical Appraisal Rounds and inpatient PICO Rounds.

Practice- Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- As outlined throughout this section and below:
- Identify and perform appropriate learning activities.
- Systematically analyze practice, using quality improvement methods, and implement changes with the goal of practice improvement.
- Incorporate formative evaluation feedback into daily practice.
- Analyze practice experience and perform practice-based improvement activities using a systematic methodology.
- Obtain and use information about their own population of patients and the larger population from which their patients are drawn.
- Facilitate the learning of students and other health care professionals.

Objectives
- As outlined throughout this section and below:
- Participate in periodic Practice Management lectures and review information regarding personal practices.
- Create methods to address practice deficiencies.
- Participate in a practice-based improvement activity.

Systems Based Practice

Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
- Incorporate considerations of cost awareness and risk-benefit analysis in patient care.
- Advocate for quality patient care and optimal patient care systems.
- Work in interprofessional teams to enhance patient safety and improve patient care quality.
- Participate in identifying systems errors and in implementing potential systems solutions.
- Understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice.
- Practice cost-effective health care and resource allocation that does not compromise quality of care.
- Advocate for quality patient care and assist patients in dealing with system complexities.
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Rotational Goals &amp; Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.</td>
</tr>
</tbody>
</table>

**Objectives**
- Participate in periodic Billing and Coding workshops to identify areas requiring improvement within their practice.
- Rotate with business and nursing staff to observe their role in providing quality care.
- Participate in Medical Decision Making Rounds.

**Professionalism**

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

**Competencies**
- Compassion, integrity, and respect for others.
- Accountability to patients, society, and the profession.
- Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society that supercedes self-interest; accountability to patients, society, and the profession; and a commitment to excellence and on-going professional development.
- Demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.

**Objectives**
- Demonstrate professionalism and accountability by incorporating the principles of practice improvement.
- Complete Self-Assessment and review with curriculum advisor.

**Interpersonal and Communication Skills**

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds.
- Communicate effectively with physicians, other health professionals, and health related agencies.
- Work effectively as a member or leader of a health care team or other professional group.
- Maintain comprehensive, timely, and legible medical records.
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.

**Objectives**
- Review video-taped patient encounter to identify strengths and deficiencies related to interpersonal communication and develop goals for future improvement.
- Review video-taped patient encounter to reflect upon improvements made since the last review.

**Teaching Methods**
- Critical Appraisal Rounds
- Medical Decision Making Rounds
- Practice Management Rotation
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Practice Management Educational Conferences</th>
<th>Assessment Method (residents)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presentation and participation at Morning Report</td>
<td>Advisor Meeting, Critical Appraisal Rounds Evaluation Criteria, Medical Decision Making Rounds</td>
</tr>
<tr>
<td>Attendance at Residency Lecture Series, Grand Rounds, Tumor Board</td>
<td>Evaluation Criteria, Annual Self-Assessment</td>
</tr>
</tbody>
</table>

**Assessment Method (Program Evaluation)**
Periodic review of the curriculum at faculty Curriculum meetings,

**Level of Supervision**
Direct supervision by rotation attending, faculty, advisor, program director

**Educational Resources**
Information Mastery Reading List, Presenting a Journal Club Podcast, Electronic resources available through the hospital library and the Family Medicine Digital Resource Library (www.fmdrl.org).

---

**Systems-Based Practice – Longitudinal Experience**

**Overall Goals:** Residents are expected to demonstrate an understanding of health care delivery systems, provide effective and qualitative patient care within the system and practice cost-effective medicine.

**Osteopathic Principles and Practice**

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine. Residents are expected to:

**Competencies**
- Integrate osteopathic concepts and OMT into the medical care provided to patients as appropriate.
- Understand and integrate osteopathic principles and philosophy into all clinical and patient care activities.

**Objectives**
- Demonstrate an ability to explain the role of osteopathic philosophy within the health care system.

**Patient Care**

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment
- Provide health care services aimed at preventing health problems or maintaining health
- Work with health care professionals, including those from other disciplines, to provide patient-focused care
Rotational Goals & Objectives

Objectives
- Demonstrate knowledge and understanding of what core measures are and how the impact the health care system
- Demonstrate knowledge of how length of stay impacts the health care system

Medical Knowledge
Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competencies
- Demonstrate an investigatory and analytic thinking approach to clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to their discipline

Objectives
- Demonstrate appropriate understanding of intervention costs
- Demonstrate knowledge of the role of the interprofessional health team on health of the individual and overall community
- Demonstrate knowledge of when consultation is appropriate based on patient needs and considering costs

Practice-Based Learning and Improvement
Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- Identify strengths, deficiencies and limits in one’s knowledge and expertise
- Set learning and improvement goals
- Systematically analyze practice, using quality improvement methods, and implement changes with the goal of practice improvement
- Obtain and use information about their own population of patients and the larger population from which their patients are drawn
- Facilitate the learning of students and other health care professionals

Objectives
- Demonstrate ability to develop as an educator during interactions with medical students and patients
- Demonstrate ability to formulate a question which takes into consideration intervention cost and efficacy
- Demonstrate ability to incorporate evidence-based medicine in routine patient practice by presenting Critical Appraisal Rounds

Systems Based Practice
Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

Competencies
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work effectively in various health care delivery settings and systems relevant to their clinical specialty</td>
</tr>
<tr>
<td>Coordinate patient care within the health care system relevant to their clinical specialty</td>
</tr>
<tr>
<td>Incorporate considerations of cost awareness and risk-benefit analysis in patient care</td>
</tr>
<tr>
<td>Advocate for quality patient care and optimal patient care systems</td>
</tr>
<tr>
<td>Work in interprofessional teams to enhance patient safety and improve patient care quality</td>
</tr>
<tr>
<td>Participate in identifying systems errors and in implementing potential systems solutions</td>
</tr>
<tr>
<td>Understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice</td>
</tr>
<tr>
<td>Know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources</td>
</tr>
<tr>
<td>Practice cost-effective health care and resource allocation that does not compromise quality of care</td>
</tr>
<tr>
<td>Advocate for quality patient care and assist patients in dealing with system complexities</td>
</tr>
<tr>
<td>Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance</td>
</tr>
</tbody>
</table>

Objectives

- Attend patient safety and/or quality meetings of the facility when assigned
- Demonstrates understanding of the role of the physician in the patient care team
- Demonstrates ability to consider patient and system resources during patient care in both the inpatient and outpatient settings
- Participate in conference lecture series regarding health care options and practice management considerations

Professionalism

Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession
- Demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices

Objectives

- Demonstrate the ability to discuss with patient appropriate medical decisions regarding both diagnostic and intervention options.
- Demonstrate the ability to articulate difficult choices with patients regarding end of life decisions.

Interpersonal and Communication Skills

Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

Competencies
Rotational Goals & Objectives

- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Create and sustain a therapeutic and ethically sound relationship with patients
- Work effectively with others as a member or leader of a health care team or other professional group

Objectives
- Demonstrate effective communication with consultants regarding patient care
- Demonstrate ability to effectively communicate with members of the health care team including nursing staff, clinical pharmacist, front office staff

Teaching Methods
Conference Lecture Series, discussions with consultants to review patient care

Assessment Method (Residents)
Resident Monthly Service Evaluation, QEC Summation Forms, Night Float Case-Based Presentation Form, Case Presentation Form, Critical Appraisal Evaluation Form

Assessment Method (Program Evaluation)
Yearly Program Evaluation Form

Level of Supervision
Direct supervision by rotation attendings, faculty, advisor, program director

Educational Resources

Professionalism – Longitudinal Experience

Overall Goals:
- Serve as a role model for medical student, and other residents, and understanding behavior is a powerful means for educating others.
- Expect the highest professional standards of residents and their colleagues.
- Recognize residents responsibility for professional conduct in all activities

Patient Care

Goal
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

Competencies
- Use Professionalism to advocate patient care. Altruism (primacy of patient welfare)
- Make informed decisions about diagnostic and therapeutic interventions with special consideration of altruism (primacy of patient welfare), respect for others (respect for patient autonomy), privacy, and confidentiality. Respect for Others (respect for patient autonomy), Privacy and Confidentiality
Rotational Goals & Objectives

Objectives
- Maintain patient well-being as the main focus and primary responsibility. Resident will remember that patient welfare comes before the educational needs of residents and students.
- Commit to supporting excellence in the missions of preventive care and chronic care, as well as acute medical care, disease prevention, health maintenance and palliative care.
- Demonstrate the highest standards of ethical, legal, and professional behavior in the academic and clinical setting.
- Respect patient autonomy and ensure the provision of culturally-competent medical care.
- Demonstrate humility and will not abuse the power of his/her position.
- Interact with all members of the health care team in a manner that respects and acknowledges the unique contributions those team members make to the medical care and resultant wellness of patients.
- Be respectful in interactions with supervisors, colleagues, staff, families, and students.
- Not discriminate in any situation based on race, ethnicity, religion, age, gender, sexual orientation, disability, socio-economic status, ability to pay, or other identifiable social category.
- Maintain privacy and confidentiality in interactions with patients and families.
- Maintain the confidentiality of the medical record and will comply with all HIPAA requirements for transmission and sharing of patient-specific medical information.

Medical Knowledge

Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

Competencies
- Demonstrate excellence by commitment to self-improvement, professional competence, improving quality of care, and scientific knowledge

Objectives
- Commit to learning and applying best medical practice. “Best medical practice” is a term used to refer to medical practice that equitably balances evidence-based guidelines, ethical concerns, ethical business practices, patient preferences, cultural concerns, and the cost-effective and appropriate use of medical resources.
- Apply appropriate ethical standards to all academic and clinical activities, including in the provision of end-of-life care and withdrawal of care.

Practice-Based Learning and Improvement

Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

Competencies
- Demonstrate excellence -commitment to self-improvement, professional competence, improving quality of care, and scientific knowledge by implementing the following:
  o Identify strengths, deficiencies and limits in one’s knowledge and expertise;
  o Set learning and improvement goals
  o Identify and perform appropriate learning activities
Rotational Goals & Objectives

<table>
<thead>
<tr>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Incorporate formative evaluation feedback into daily practice</td>
</tr>
<tr>
<td>• Locate, appraise and assimilate evidence from scientific studies related to their patients’ health problems</td>
</tr>
<tr>
<td>• Use information technology to optimize learning</td>
</tr>
</tbody>
</table>

### Objectives

- Commit to life-long learning and acquiring new knowledge and skills.
- Assess his/her progress and identify areas for improvement and issues for continued learning.
- Seek assistance from colleagues or professionals for any problems that adversely affect his/her education, quality of patient care or service to society.
- Participate in scholarship that benefits the participants of the training program, as well as contributing to the medical knowledge base of the medical discipline and that improves his/her own fund of knowledge.
- Challenge care team members to maintain a practice consistent with current standard of care, and with both the cost-efficient and appropriate use of medical resources.
- Recognize the boundaries of his/her competency and commit to practice within those boundaries. Resident will respect the limitations of those working under them, and will not ask them to exceed the boundaries of their competence.

### Systems-Based Practice

**Goal**

Residents must demonstrate and understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

### Competencies

- Demonstrate honesty and integrity by showing a commitment to maintaining trust, by managing conflicts of interest, and a commitment to maintaining appropriate relations with patients.
- Demonstrate duty by showing a commitment to improving access to care, and a commitment to just distribution of finite resources.
- Use professionalism to effect positive change in health care systems based on medical evidence.
- Use professional conduct in coordinating patient care.
- Use professional conduct in consideration of cost awareness and risk-benefit analysis and use in patient care.
- Professionally advocate for quality patient care and optimal patient care systems.
- Use professional conduct in order to work in interprofessional teams to enhance patient safety and improve patient care quality.

### Objectives

- Use resources appropriately with patient care as the cornerstone of decision making while being mindful of how application of scarce resources impacts the system.
- Resident will demonstrate truthfulness in academic and clinical activities, including examinations, evaluations and any other representation of my work.
- Be truthful in all interactions with patients, peers, and faculty regarding patient data or other information.
- Participate in ethical medical research, including abiding by all appropriate HHRC regulations.
- Recognize and manage conflicts of interest implicit in the role of residents as care providers, students, and teachers in a clinical care and educational system.
- Be cognizant of potential conflicts of interest with pharmaceutical or other medical industry.
representatives, and remember that patient welfare is their primary focus.

- Be cognizant of potential conflicts between their personal values, economic forces, institutional policies, ethical practice, and patient preferences. Resident will work to ensure that in spite of these potential conflicts, patients have access to the best current medical care.
- Provide full and truthful disclosure of information to patients and families in the process of obtaining informed consent.

### Professionalism

#### Goal
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

#### Competencies
- Compassion, integrity, and respect for others
- Responsiveness to patient needs that supersedes self-interest
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession
- Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

#### Objectives
- As outlined in the remainder of this curriculum section

### Interpersonal and Communication Skills

#### Goal
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to demonstrate:

#### Competencies
- Demonstrate accountability, reliability, responsibility and a commitment to professional responsibilities.
- Effective communication with patients and families across a broad range of socioeconomic and cultural backgrounds in order to apply medical knowledge to their care
- Effective communication with physicians, other health professionals, and health related agencies in order to gain, integrate and apply medical knowledge from those professionals

#### Objectives
- Know of ethical, professional, and legal standards as they apply to his/her responsibilities.
- Communicate accurate and timely patient information to other members of the patient care team. Resident will not leave the clinic or the hospital prior to completing all of his/her required duties or prior to ensuring continuous care for their patients.
- Reliability and promptness when attending all required activities.
- Ability to communicate with other caregivers only that information required for the provision of timely, accurate, and high quality clinical care.
- Compliance with all program requirements. If a resident feels at conflict with a particular policy, such as the duty hours policy, they will work to make their opinion known and to affect change, but will continue to adhere to the policy until it is changed.
- Respect for the law and also recognize a responsibility to seek changes in those requirements which are contrary to the best interests of the patient.
Rotational Goals & Objectives

- Ability to recognize and report impairment of any type in his/her colleagues or themselves.
- Personal conduct that reflects positively on the medical profession, their residency program, and the health system.

### Assessment Method (residents)
Standard Resident Rotation Assessment Form, Patient Surveys, Staff Surveys, 360° Evaluations, Advisor/Advisee Meetings, Videotape of patient encounters

### Teaching Methods
Interactive teaching rounds on the inpatient service, direct observation of attending/patient interaction, small group discussions focused on relevant medical topics, presentation and participation at Morning Report, attendance at Residency Lecture Series, Grand Rounds

### Assessment Method (Program Evaluation)
Periodic review of the curriculum at faculty Curriculum meetings

### Level of Supervision
Direct supervision from the faculty physicians

### Educational Resources
Utilization of appropriate texts, and electronic databases is expected

---

**Interpersonal and Communication Skills – Longitudinal Experience**

**Overall Goals:** Residents must demonstrate effective communication skills to facilitate information exchange in all aspects of the profession of medicine.

### Osteopathic Principles and Practice

**Goal**
Osteopathic residents are expected to demonstrate and apply knowledge of accepted standards in Osteopathic Manipulative Treatment (OMT) appropriate to medicine as it pertains to family medicine. Residents are expected to

**Competencies**
- Demonstrate competency in the understanding and application of OMT appropriate to family medicine
- Integrate osteopathic concepts and OMT into the medical care provided to patients as appropriate.
- Understand and integrate osteopathic principles and philosophy into all clinical and patient care activities.

**Objectives**
- Demonstrate ability to appropriately document somatic dysfunction in the progress note
- Demonstrate ability to articulate roll of OMT in patient care

### Patient Care

**Goal**
Residents must be able to effectively treat patients, provide patient care that is compassionate and appropriate, that demonstrates an awareness of social and behavioral issues, and incorporates osteopathic philosophy* and the promotion of health. Residents are expected to:

**Competencies**
### Rotational Goals & Objectives

#### Communication
- Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families
- Gather essential and accurate information about their patients
- Counsel and educate patients and their families
- Work with health care professionals, including those from other disciplines, to provide patient-focused care

#### Objectives
- Demonstrate understanding and ability to utilize age appropriate communication skills
- Demonstrate competency with the case presentation format
- Recognize the role of case presentation in communicating patient information to health care team

### Medical Knowledge

#### Goal
Residents must demonstrate knowledge of established and evolving sciences, demonstrate and apply knowledge of accepted standards of clinical medicine to their practice, and remain current with new developments in medicine. Residents are expected to:

#### Competencies
- Demonstrate an investigatory and analytic thinking approach to clinical situations
- Know and apply the basic and clinically supportive sciences which are appropriate to their discipline

#### Objectives
- Analyze and present critical appraisal abilities during Journal Club presentations
- Instruct fellow residents and faculty during the Night Float Case-Based Presentations

### Practice-Based Learning and Improvement

#### Goal
Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life long learning. Residents are expected to develop skills and habits to be able to:

#### Competencies
- Participate in the education of patients, families, students, residents and other health professionals, as documented by evaluations of a resident’s teaching abilities by faculty and/or learners
- Locate, appraise, and assimilate evidence from scientific studies related to their patients’ health problems
- Use information technology to manage information, access on-line medical information; and support their own education
- Facilitate the learning of students and other health care professionals

#### Objectives
- Demonstrate ability to develop as an educator during interactions with medical students and patients
- Perform various assigned presentations during night float, morning report, journal club, and board review competently

### Systems Based Practice

#### Goal
Residents must demonstrate an understanding of health care delivery systems, an ability to utilize the various resources in the system to provide optimal, cost-effective health care. Residents are expected to:

**Competencies**
- Work effectively in various health care delivery settings and systems relevant to family medicine
- Work in interprofessional teams to enhance patient safety and improve patient care quality
- Advocate for quality patient care and assist patients in dealing with system complexities
- Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance

**Objectives**
- Perform a well organized and informative sign-out utilizing the SBAR communication format.
- Recognize when it is appropriate to appeal health insurance decisions based on patient necessity and identify the appropriate format for approaching such issues.

**Professionalism**

**Goal**
Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:
- Compassion, integrity, and respect for others
- Respect for patient privacy and autonomy
- Accountability to patients, society, and the profession
- Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

**Objectives**
- The ability to speak with patients regarding sensitive health related areas including sexual history, and disabilities.
- The ability to interact with patients of different cultural, religious, and socioeconomic backgrounds with compassion and understanding.

**Interpersonal and Communication Skills**

**Goal**
Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

**Competencies**
- Communicate effectively with patients and families across a broad range of socioeconomic and cultural backgrounds
- Communicate effectively with physicians, other health professionals, and health related agencies
- Work effectively as a member or leader of a health care team or other professional group
- Act in a consultative role to other physicians and health professionals
- Maintain comprehensive, timely, and legible medical records
- Create and sustain a therapeutic and ethically sound relationship with patients
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills
- Work effectively with others as a member or leader of a health care team or other professional group

**Objectives**
Rotational Goals & Objectives

- Demonstrate proficiency at providing appropriate medical information via progress notes in both the inpatient and outpatient setting.
- Complete progress note documentation of all patient encounters on the day of the visit.
- Use the case presentation format and SBAR when conveying oral information related to patient care.

<table>
<thead>
<tr>
<th>Teaching Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attending role-modeling, video tape reviews, direct observation, self-evaluation of clinical situations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Assessment Method (Residents)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Monthly Service Evaluation, IRAC Summation Forms, Night Float Case-Based Presentation Form, Case Presentation Form, Journal Club Evaluation Form, video review, 360 degree evaluation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Assessment Method (Program Evaluation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yearly Program Evaluation Form</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Level of Supervision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct supervision by rotation attendings, faculty, advisor, program director</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Educational Resources</th>
</tr>
</thead>
</table>