

**Family Medicine Residency**  
**Internal Medicine In-house III Rotation**

**Rotation Goal**

Admission, evaluation, treatment and appropriate specialty consultation of adult hospitalized patients from either the ER, outpatient transfer, or directly from the UT clinic. Additionally, medical consultation on hospitalized patients is performed as a 3<sup>rd</sup> year resident. 3<sup>rd</sup> year decisions and behaviors should mimic those of independent practice as allowed by faculty. During this rotation, residents will become familiar with the following goals:

- improve skills in and assist/instruct interns/medical students
- obtain adequate information through history and physical examination with assistance as needed from faculty.
- write admission orders including labs for further diagnostic evaluation and treatments.
- evaluate patients with unstable vital signs and incorporating ACLS protocol into resuscitation of patients as needed.
- use of quality care markers and published guidelines for specific disease states such as congestive heart failure exacerbation, acute coronary syndromes, and pneumonia.
- discuss overall situation, plan of care and prognosis of patients who are being admitted to the hospital.
- function as hospital team leader with emphasis on overseeing care for patients in all hospital settings and delegation of responsibility to lower level residents.
- perform initial medical consultation as requested by private specialty physicians.
- participate in the review of new admissions, initial orders and diagnostic testing for understanding of acceptable variations in care plan/management protocols.

**Supervision**

Supervision is provided by direct observation by and verbal consultation of faculty.

**Rotation Objectives**

By the end of the Internal Medicine In-house I rotation, PGY III residents are expected to expand and cultivate skills and knowledge learned during previous training and to achieve the following objectives based on the six general competencies. Since competencies mastered in the first year of residency are competencies required for a successful clinician, the third year resident will demonstrate achieved objectives in year one and two with expanded knowledge, more efficiency in performance of procedures, and additional knowledge in pathophysiology encompassing more complex disorders. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year.

Competency	Required Skill(s)	Teaching Method(s)	Formative Evaluation Method(s)	Frequency of Evaluation
Patient Care	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			

	<p>Perform the following procedures generally performed on the Inhouse Internal Medicine Rotation (procedures denoted with an "*" are optional)</p> <ul style="list-style-type: none"> <li>• Advanced cardiac life support</li> <li>• Admission to cardiac monitor/telemetry (10)</li> <li>• Admission to intensive care unit</li> <li>• <i>Number of Admissions</i> (15)</li> <li>• Medical Resuscitation (10)</li> <li>• X-Ray Interpretation (10)</li> <li>• *Casting and splinting (5)</li> <li>• Electrocardiogram interpretation (25)</li> <li>• *Endometrial biopsy (1)</li> <li>• Fracture management simple non-displaced (5)</li> <li>• Foreign body removal (1)</li> <li>• Laceration repair (5)</li> <li>• Lumbar puncture adult (3)</li> <li>• *Lumbar puncture pediatric (3)</li> <li>• I&amp;D abscess or cyst (3)</li> <li>• Intrauterine device placement and removal (3)</li> <li>• Joint aspiration and injection (1)</li> <li>• Nasogastric intubation (1)</li> <li>• *Pap smear (1)</li> <li>• *Pediatric Advanced Life Support</li> <li>• *Neonatal Advanced Life Support</li> <li>• Regional anesthetic block (1)</li> <li>• Skin biopsy (1)</li> <li>• Soft tissue injections (1)</li> <li>• Uncomplicated joint reduction (3)</li> <li>• Wound debridement (2)</li> <li>• Bone marrow biopsy in adults (1)</li> <li>• Diagnostic paracentesis (1)</li> <li>• Diagnostic thoracocentesis (1)</li> <li>• Paracentesis (3)</li> <li>• Thoracocentesis (3)</li> <li>• Central venous access (10)</li> </ul>	<p>Conferences/Didactics Grand Rounds Patient Assessment Case Presentations</p>	<p>Direct Feedback Global Evaluation In-training Exam QA Review</p>	<p>Daily Monthly Annually Monthly</p>
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	<ul style="list-style-type: none"> <li>• Intubation (5)</li> <li>• Procedural Sedation (5)</li> <li>• Eye Exam for Foreign Body (1)</li> <li>• Trauma Resuscitation (5)</li> <li>• Medical Resuscitation (10)</li> <li>• X-ray Interpretation (10)</li> <li>• Anterior nasal packing (1)</li> <li>• Arterial puncture (1)</li> </ul>			
	Provide up to date, compassionate care of the adult patient admitted to the hospital while integrating evidence based medicine, local standards of care, nationally defined quality care markers and specialty recommendations upon consultation	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Integrate reasonable and safe methods of outpatient follow-up of patients upon discharge	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	<p>Evaluate, diagnose, and formulate treatment options for patients with the following diseases:</p> <ul style="list-style-type: none"> <li>• Cardiovascular conditions including cardiac arrest, myocardial infarction, dysrhythmias, congestive heart failure, hypertension, cardiomyopathies, pericarditis and coronary artery disease.</li> <li>• Gastrointestinal disorders including hepatitis, cirrhosis, pancreatitis, colitis, diverticulitis, cholecystitis, peptic ulcer disease, and bowel obstruction.</li> <li>• Management and diagnosis of fluid and electrolyte disorders including hypo/hyperkalemia, hypo/hypermnatremia, hypo/hypercalcemia, and acidosis/alkalosis.</li> <li>• Endocrine conditions including diabetes mellitus, thyroid disorders, adrenal diseases, and lipid disorders.</li> <li>• Renal conditions including urinary tract infections, nephrolithiasis, acute and chronic renal failure and obstruction.</li> <li>• Hematologic conditions including anemia,</li> </ul>			

	<p>coagulopathies, mononucleosis, polycythemia, and major hemaglobinopathies.</p> <ul style="list-style-type: none"> <li>• Musculoskeletal conditions including back pain, rheumatoid arthritis, collagen vascular diseases and osteoarthritis.</li> <li>• Infectious diseases (bacterial, viral, and fungal) that are commonly encountered in the adult population.</li> <li>• Neurological conditions including stroke/TIA's, seizures, meningitis, coma, movement disorders, dementia, delirium, nerve entrapment syndromes and tumors.</li> <li>• Pulmonary disorders including asthma, COPD, bronchitis, pneumonia, thromboembolism, fibrosis, neoplasms, respiratory failure and evaluation of pulmonary function testing.</li> </ul>			
	Maintain adequate, compassionate communication between the patient and medical staff	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Formulate a rational plan of care for patients including diagnostic testing, initiation and alteration of medications, and specialty consultation	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Perform a comprehensive history and physical examination of the adult patient	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
Medical Knowledge	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	Apply knowledge of the normal anatomy and physiology to the evaluation, diagnosis, and treatment of patients.	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Apply normal variants in organ function in the older patient to patient care.	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly

	Diagnose common disorders in the adult medical patient	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
Practice Based Learning and Improvement	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	See General Family Medicine Objectives for a comprehensive list.			
	Identify strengths, deficiencies and limits in one's knowledge and expertise; set learning and improvement goals; and identify and perform appropriate learning activities	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Locate, appraise and assimilate evidence from scientific studies related to their patients' health problems (i.e., use information technology to optimize learning and evidence based resources)	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Educate patients, families, students, residents and other health professionals	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
Interpersonal and Communication Skills	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	See General Family Medicine Objectives for a comprehensive list.			
	Communicate effectively with families	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Educate patients and their families about available community resources	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Provide appropriate psychosocial support and counseling options available to patients and families	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Convey information in a clear and concise manner to patients, families, and other health professionals (i.e., use appropriate vocabulary choice, realistic outcomes, and	Conferences/Didactics Grand Rounds Patient Assessment	Direct Feedback Global Evaluation In-training Exam	Daily Monthly Annually

	working with difficult patients and family)	Case Presentations	QA Review	Monthly
Professionalism	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	See General Family Medicine Objectives for a comprehensive list.			
	Provide compassionate and high quality care to all patients regardless of gender, age, culture, race, religion, disabilities, sexual orientation or socioeconomic class	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations Press Gainey Survey	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Exemplify highest standards of professionalism when interacting with patients, families or other health care providers (i.e., integrity, respect, accountability, punctuality)	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations Press Gainey Survey	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Initiate discussion with patients and family about “difficult situations” involving poor outcomes, poor prognosis, and/or risk versus benefit of various treatment modalities including terminal illnesses such as malignancy and chronic illnesses with poor outcome potential such as advancing dementias	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations Press Gainey Survey	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
Systems-Based Practice	<b>SPECIALTY SPECIFIC OBJECTIVES</b>			
	See General Family Medicine Objectives for a comprehensive list.			
	Utilize the most cost efficient and least risk-benefit modalities in patient care	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Advocate for quality patient care and optimal patient care systems	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Integrate various ancillary modalities of patient care that are available including physical and occupational therapy, speech therapy, wound care, nutritional education	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly

	Determine correct coding and billing relevant to internal medicine care into practice.	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly
	Lead an interprofessional team to enhance patient safety and improve patient care quality in various health care delivery settings and systems	Conferences/Didactics Grand Rounds Patient Assessment Case Presentations	Direct Feedback Global Evaluation In-training Exam QA Review	Daily Monthly Annually Monthly

**Educational Resources**

- [www.uptodate.com](http://www.uptodate.com) (available free through [www.utdol.com](http://www.utdol.com) in Jackson General Hospital based computers)
- The Washington Manual of Medical Therapeutics, 2<sup>nd</sup> edition
- Practical Guide to The Care of the Medical Patient, Fred Ferri 6<sup>th</sup> edition
- [www.epocrates.com](http://www.epocrates.com)
- [www.emedicine.com](http://www.emedicine.com)
- ACLS Handbook
- Tarascon Internal Medicine
- Current Clinical Strategies in Family Medicine 2006 edition

### **Assessment Method (Program Evaluation)**

How do you evaluate whether this educational experience is effective?

1. Written feedback on monthly faculty evaluation form
2. Annual 360 degree program evaluation
3. Direct Feedback during Advisor/Advisee meetings quarterly
4. Direct Feedback during Program Director/Resident meetings monthly

### **Level of Supervision**

- Direct observation by faculty
- Verbal consultation with faculty.
- Direct observation/verbal consultation with ER faculty.

### **Educational Resources**

List the educational resources

[www.uptodate.com](http://www.uptodate.com) (available free through [www.utdol.com](http://www.utdol.com) in Jackson General Hospital based computers)

The Washington Manual of Medical Therapeutics, 2<sup>nd</sup> edition

Practical Guide to The Care of the Medical Patient, Fred Ferri 6<sup>th</sup> edition

[www.epocrates.com](http://www.epocrates.com)

[www.emedicine.com](http://www.emedicine.com)

ACLS Handbook

Tarascon Internal Medicine

Current Clinical Strategies in Family Medicine 2006 edition



