

Rotation:
Emergency Medicine

Goals:

1. The PG2/3 internal medicine resident will achieve competency in the diagnosis and management of all medical emergencies equivalent to that of a certified general internist.
2. The PG1 internal medicine resident will achieve competency in the triage of all medical emergencies such that correct initial evaluation and management is initiated and appropriate consultation made.

Objectives:

By the end of the Emergency Medicine rotation, PGY-1 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. 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	SPECIALTY SPECIFIC OBJECTIVES			
	Formulate an appropriate, cost-effective diagnostic and therapeutic plan based upon medical history, physical exam, and laboratory studies	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Perform the following procedures: <ul style="list-style-type: none"> • Endotracheal intubation • Lumbar puncture • ABG collection • Central line placement • I and D of an abscess • Basic suturing techniques 	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Access and utilize all available resources for appropriate patient disposition. This includes the decisions to hospitalize with requisite level of care (floor, stepdown, and ICU) and discharge to home or other facility. This is particularly applicable to asthma, pneumonia, cardiac chest pain, drug overdoses, and psychotic behavior	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Classify and prioritize all patients according to severity and emergent nature of illness	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	

	Decide on need for specialty and subspecialty consultation along with appropriate choice of subspecialty type	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Evaluate, diagnose, and manage patients suffering from a variety of medical emergencies including but not limited to the following medical conditions: <ul style="list-style-type: none"> • chest pain • abdominal pain • cardiac dysrhythmias • altered mental status including coma • dizziness • syncope • hypotension • dyspnea • gastrointestinal bleeding • severe hypertension • musculoskeletal trauma • abnormal uterine bleeding 	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Provide accurate ED record documentation for proper billing and Medicare fraud avoidance, ED radiology, pain management, drug abuse, and headache.	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
Medical Knowledge	SPECIALTY SPECIFIC OBJECTIVES			
	Demonstrate an appropriate knowledge base about the following problems: chest pain, abdominal pain, cardiac dysrhythmias, altered mental status including coma, dizziness, syncope, hypotension, dyspnea, gastrointestinal bleeding, severe hypertension, musculoskeletal trauma, abnormal uterine bleeding, proper ED record documentation for proper billing and Medicare fraud avoidance, ED radiology, pain management, drug abuse, and headache.	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
Practice Based Learning and Improvement	SPECIALTY SPECIFIC OBJECTIVES			
Interpersonal and	SPECIALTY SPECIFIC OBJECTIVES			

Communication Skills				
Professionalism	SPECIALTY SPECIFIC OBJECTIVES			
	Demonstrate respect, compassion, integrity, and altruism in relationships with patients, families, and colleagues respecting confidentiality and patient privacy and obtaining informed consent	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Interact with patients, families, ED personnel, and consultants in a respectful, appropriate manner	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
Systems-Based Practice	SPECIALTY SPECIFIC OBJECTIVES			

By the end of the Emergency Medicine rotation, PGY-2 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. 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	SPECIALTY SPECIFIC OBJECTIVES			
	Formulate an appropriate, cost-effective diagnostic and therapeutic plan based upon medical history, physical exam, and laboratory studies	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Perform the following procedures: <ul style="list-style-type: none"> • Endotracheal intubation • Lumbar puncture • ABG collection • Central line placement • I and D of an abscess • Basic suturing techniques 	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Access and utilize all available resources for appropriate patient disposition. This includes the decisions to hospitalize with requisite level of care (floor, stepdown, and	Clinical Teaching Conferences	ABIM Global Assessment Written Exam	

	ICU) and discharge to home or other facility. This is particularly applicable to asthma, pneumonia, cardiac chest pain, drug overdoses, and psychotic behavior	Reading List Grand Rounds	Procedure log	
	Classify and prioritize all patients according to severity and emergent nature of illness	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Decide on need for specialty and subspecialty consultation along with appropriate choice of subspecialty type	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Evaluate, diagnose, and manage patients suffering from a variety of medical emergencies including but not limited to the following medical conditions: <ul style="list-style-type: none"> • chest pain • abdominal pain • cardiac dysrhythmias • altered mental status including coma • dizziness • syncope • hypotension • dyspnea • gastrointestinal bleeding • severe hypertension • musculoskeletal trauma • abnormal uterine bleeding 	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Provide accurate ED record documentation for proper billing and Medicare fraud avoidance, ED radiology, pain management, drug abuse, and headache.	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
Medical Knowledge	SPECIALTY SPECIFIC OBJECTIVES			
	Demonstrate an appropriate knowledge base about the following problems: chest pain, abdominal pain, cardiac dysrhythmias, altered mental status including coma,	Clinical Teaching Conferences	ABIM Global Assessment Written Exam	

	dizziness, syncope, hypotension, dyspnea, gastrointestinal bleeding, severe hypertension, musculoskeletal trauma, abnormal uterine bleeding, proper ED record documentation for proper billing and Medicare fraud avoidance, ED radiology, pain management, drug abuse, and headache.	Reading List Grand Rounds	Procedure log	
Practice Based Learning and Improvement	SPECIALTY SPECIFIC OBJECTIVES			
Interpersonal and Communication Skills	SPECIALTY SPECIFIC OBJECTIVES			
Professionalism	SPECIALTY SPECIFIC OBJECTIVES			
	Demonstrate respect, compassion, integrity, and altruism in relationships with patients, families, and colleagues respecting confidentiality and patient privacy and obtaining informed consent	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Interact with patients, families, ED personnel, and consultants in a respectful, appropriate manner	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
Systems-Based Practice	SPECIALTY SPECIFIC OBJECTIVES			

By the end of the Emergency Medicine rotation, PGY-3 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. 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	SPECIALTY SPECIFIC OBJECTIVES			
	Formulate an appropriate, cost-effective diagnostic and therapeutic plan based upon medical history, physical exam, and laboratory studies	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	

	<p>Perform the following procedures:</p> <ul style="list-style-type: none"> • Endotracheal intubation • Lumbar puncture • ABG collection • Central line placement • I and D of an abscess • Basic suturing techniques 	<p>Clinical Teaching</p> <p>Conferences</p> <p>Reading List</p> <p>Grand Rounds</p>	<p>ABIM Global Assessment</p> <p>Written Exam</p> <p>Procedure log</p>	
	<p>Access and utilize all available resources for appropriate patient disposition. This includes the decisions to hospitalize with requisite level of care (floor, stepdown, and ICU) and discharge to home or other facility. This is particularly applicable to asthma, pneumonia, cardiac chest pain, drug overdoses, and psychotic behavior</p>	<p>Clinical Teaching</p> <p>Conferences</p> <p>Reading List</p> <p>Grand Rounds</p>	<p>ABIM Global Assessment</p> <p>Written Exam</p> <p>Procedure log</p>	
	<p>Classify and prioritize all patients according to severity and emergent nature of illness</p>	<p>Clinical Teaching</p> <p>Conferences</p> <p>Reading List</p> <p>Grand Rounds</p>	<p>ABIM Global Assessment</p> <p>Written Exam</p> <p>Procedure log</p>	
	<p>Decide on need for specialty and subspecialty consultation along with appropriate choice of subspecialty type</p>	<p>Clinical Teaching</p> <p>Conferences</p> <p>Reading List</p> <p>Grand Rounds</p>	<p>ABIM Global Assessment</p> <p>Written Exam</p> <p>Procedure log</p>	
	<p>Evaluate, diagnose, and manage patients suffering from a variety of medical emergencies including but not limited to the following medical conditions:</p> <ul style="list-style-type: none"> • chest pain • abdominal pain • cardiac dysrhythmias • altered mental status including coma • dizziness • syncope • hypotension • dyspnea • gastrointestinal bleeding • severe hypertension • musculoskeletal trauma • abnormal uterine bleeding 	<p>Clinical Teaching</p> <p>Conferences</p> <p>Reading List</p> <p>Grand Rounds</p>	<p>ABIM Global Assessment</p> <p>Written Exam</p> <p>Procedure log</p>	

	Provide accurate ED record documentation for proper billing and Medicare fraud avoidance, ED radiology, pain management, drug abuse, and headache.	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
Medical Knowledge	SPECIALTY SPECIFIC OBJECTIVES			
	Demonstrate an appropriate knowledge base about the following problems: chest pain, abdominal pain, cardiac dysrhythmias, altered mental status including coma, dizziness, syncope, hypotension, dyspnea, gastrointestinal bleeding, severe hypertension, musculoskeletal trauma, abnormal uterine bleeding, proper ED record documentation for proper billing and Medicare fraud avoidance, ED radiology, pain management, drug abuse, and headache.	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
Practice Based Learning and Improvement	SPECIALTY SPECIFIC OBJECTIVES			
Interpersonal and Communication Skills	SPECIALTY SPECIFIC OBJECTIVES			
Professionalism	SPECIALTY SPECIFIC OBJECTIVES			
	Demonstrate respect, compassion, integrity, and altruism in relationships with patients, families, and colleagues respecting confidentiality and patient privacy and obtaining informed consent	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
	Interact with patients, families, ED personnel, and consultants in a respectful, appropriate manner	Clinical Teaching Conferences Reading List Grand Rounds	ABIM Global Assessment Written Exam Procedure log	
Systems-Based Practice	SPECIALTY SPECIFIC OBJECTIVES			

Learning Venues:

1. Sites for ED training include the Regional Medical Center - MED ED (a Level 1 Trauma Center) with 45,000 patient visits per year, Baptist Hospital Memphis ED with 54,000

patient visits per year, Methodist University Hospital ED (a Level II Trauma Center) with 75,000 patient visits per year. The Med serves an inner city population and the Trauma Center is separated from the ED. Housestaff are encouraged to serve a few shifts in the Trauma Center to learn some trauma management and suture technique. The fast track in the Med ED serves as a good learning venue for minor orthopedics, gynecologic problems, and problems of early pregnancy. Cases are seen initially by housestaff and then reviewed with attending physicians, who also see each patient personally.

2. An ED lecture series four days a week emphasizes a symptom-based evaluation approach.

3. At MUH, housestaff receive a three hour lecture reviewing the principles of practice, approach to the patient, and selected case scenarios.

4. Residents are encouraged to attend medical grand rounds and noon conferences.

5. There are online resources available in the department including UpToDate and website syllabi.

6. Numerous books are available in the EDs for use by residents including Rosen's Emergency Medicine. Twenty to thirty journal articles are provided to housestaff. While at BMH-Memphis, residents have access to referenced textbooks for use during their shifts and access to MicroMedex and MD Consult through the Baptist MD web-based program.

Competency Evaluation:

1. ABIM Global Assessment Form - All six competencies must be rated as satisfactory or superior.

2. The Med requires completion of an examination at the end of the rotation to assess medical knowledge and patient care. 80% of test question must be answered correctly. MUH requires all housestaff to complete a syllabus containing 62 emergency department case scenarios covering the entire curriculum. These must be completed and received before a grade is given in the course. Baptist requires residents to go to www.emedhome.com and complete any four of the "Featured Article CME" courses on-line and present the certificates from these courses to the preceptor.

3. Procedure log (to be entered online) for documentation of all procedures.

Outcomes Assessment:

The educational success of the rotation will be based upon the following:

1. The annual program evaluation form of rotations and attendings filled out by residents.

2. The monthly evaluation done by residents of the rotation and attending.

3. The election of three ED attendings to the top twenty teachers list in the Department of Medicine.