

Emergency Medicine Competency-based Objectives

Condensed

Medical College of Georgia – Augusta University

Approved by COC 5-8-13

Revised and Approved by COC 6-2-15

1. Medical Knowledge

Goal Statement: Medical students are expected to master a foundation of clinical knowledge with integration of basic sciences and the translation of that knowledge to the clinical setting.

Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:

<u>MCG Objectives</u>	<u>Course/Clerkship Objectives</u>
1.1 Demonstrate knowledge of normal and abnormal structure and function of the human body on the macroscopic, microscopic, and molecular levels.	Demonstrate knowledge of normal and abnormal structure and function of the human body on the macroscopic, microscopic, and molecular levels as it relates to medical diagnosis and therapies.
1.2 Identify the pathology and pathophysiology of various diseases and correlate them with clinical signs and symptoms.	Identify the pathology and pathophysiology of various diseases and correlate them with clinical signs and symptoms.
1.3 Demonstrate knowledge of both common or significant, acute and chronic clinical problems.	Demonstrate knowledge of both common or significant, acute and chronic clinical problems.
1.4 Differentiate between normal and abnormal development and age-related changes across the life span.	
1.5 Demonstrate comprehension of clinical interventions and agents including pharmaceutical, surgical, genetic, complementary and alternative medicines, and other therapies.	Demonstrate comprehension of clinical interventions and agents including pharmaceutical, surgical, genetic, complementary and alternative medicines, and other therapies.
1.6 Demonstrate knowledge and ability to interpret epidemiological and public health contributions to understanding health and disease.	Demonstrate knowledge and ability to interpret epidemiological and public health contributions to understanding health and disease.
1.7 Demonstrate knowledge of preventive medicine and current guidelines for health promotion and disease screening.	
More specific goals for this course are: <ul style="list-style-type: none">• Acquisition of basic life support knowledge and skills, including the diagnosis and treatment of shock• Recognize the presence of a patient with a serious condition that necessitates urgent or emergent attention and prioritize attention	

- o Open the airway
- o Ventilatory support with bag-mask-valve apparatus
- o Circulation augmentation
- o Hemorrhage control using external pressure and hemostatic products.
- Acquisition of knowledge to:
 - o Recognize potentially treatable neurological insults
 - o Recognize, and initially manage, potentially dangerous and treatable poisonings
 - o Treat superficial burns and recognize when higher level of care is required
 - o Assess injured extremities for possible fracture or dislocation and identify those requiring x-rays and/or referral

2. Patient Care

Goal Statement: Medical students, as members of the healthcare team, are expected to provide patient and family centered care that is compassionate and effective for the promotion of health and the management of illness.

Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:

<u>MCG Objectives</u>	<u>Course/Clerkship Objectives</u>
2.1 Treat patients using a patient and family centered care approach.	Treat patients using a patient and family centered care approach.
2.2 Obtain a complete and accurate medical history that covers essential aspects, also addressing issues related to age, gender, culture, use of complementary medicine, family dynamics and socioeconomic status.	Obtain a complete and accurate medical history that covers essential aspects, also addressing issues related to age, gender, culture, use of complementary medicine, family dynamics and socioeconomic status.
2.3 Perform both complete and symptom-focused physical examinations, including mental status examination.	Perform both complete and symptom-focused physical examinations, including mental status examination.
2.4 Perform or participate in routine technical procedures. [procedures determined by core clerkships]	Perform or participate in routine technical procedures.
2.5 Construct a differential diagnosis for common clinical presentations.	Construct a differential diagnosis for common clinical presentations.
2.5.1 Demonstrate effective identification and analysis of problems and effective inductive thinking when raising plausible hypotheses to explain these problems.	Demonstrate effective identification and analysis of problems and effective inductive thinking when raising plausible hypotheses to explain these problems.
2.5.2 Demonstrate sound judgment in making inferences about findings and synthesizing problems, and in deductive thinking when	Demonstrate sound judgment in making inferences about findings and synthesizing problems, in deductive thinking when solving these problems.

the most useful clinical, laboratory, roentgenologic, and pathologic testing for common clinical presentations.	useful clinical, laboratory, roentgenologic, and pathologic testing for common clinical presentations.
2.7 Construct appropriate and efficient therapeutic management and prevention strategies for patients with common conditions, both acute and chronic, including medical, psychiatric, and surgical conditions, and those requiring short- and long-term rehabilitation.	Construct appropriate and efficient therapeutic management and prevention strategies for patients with common conditions.
<p>More specific goals for the course are:</p> <ul style="list-style-type: none"> • In the setting of emergent and urgent patient presentations, students will be expected to: <ul style="list-style-type: none"> o Treat all patients using a patient and family centered care approach o Rapidly triage patients by severity of illness and rapidly deliver care o Rapidly obtain a complete, focused medical history and physical exam o Rapidly perform life saving procedures (see Emergency Procedures Course) o Construct a complete differential diagnosis ordered by illness severity o Interpret clinical, lab, roentgenologic testing to deductively narrow differential diagnosis o Initiate appropriate therapeutic strategies in order of severity of illness o Every patient that you encounter in the ED should be treated the way that you would want a member of your family treated. You should treat all staff members (physicians, nurses, administrative staff, etc.) with respect, and likewise, you should expect the same in return. 	
3. Practice-based Learning	
Goal Statement: Medical students are expected to investigate and evaluate their patient care practices, appraise and assimilate scientific evidence, and improve their practice of medicine.	
Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:	
<u>MCG Objectives</u>	<u>Course/Clerkship Objectives</u>
3.1 Demonstrate genuine intellectual curiosity and desire to learn, focused inquisitiveness in asking questions, and enduring persistence in the pursuit of learning.	Demonstrate genuine intellectual curiosity and desire to learn, focused inquisitiveness in asking questions, and enduring persistence in the pursuit of learning.
3.2 Develop strategies for continuous individual improvement through monitoring performance, reflection, engaging in new learning, applying new learning, and monitoring impact of learning.	Develop strategies for continuous individual improvement through monitoring performance, reflection, engaging in new learning, applying new learning, and monitoring impact of learning.

reflective thinking when evaluating individual or team performance.	evaluating individual or team performance.
3.3 Accept constructive criticism and modify behavior based on feedback.	Accept constructive criticism and modify behavior based on feedback.
3.4 Develop clinical questions related to patients' problems and demonstrate skills to find evidence that is relevant and valid information to answer clinical questions using medical information technology.	Develop clinical questions related to patients' problems and demonstrate skills to find evidence that is relevant and valid information to answer clinical questions using medical information technology
<p>More specific goals for the course are:</p> <ul style="list-style-type: none"> • In the setting of urgent and emergent patient presentations, students are expected to continue to be inquisitive and work to broaden their own knowledge base and the knowledge base of the entire patient care team. • Students must consistently work to improve the teams dynamic • Student will be expected to accept constructive feedback and work to improve based on this feedback. 	
4. Communication	
Goal Statement: Medical students are expected to demonstrate skills that result in effective communication and collaboration with patients, families, and professional associates.	
Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:	
<u>MCG Objectives</u>	<u>Course/Clerkship Objectives</u>
4.1 Demonstrate the ability to establish a positive patient-doctor relationship based on mutual trust and respect for patients' privacy, dignity, individual integrity and culture.	Demonstrate the ability to establish a positive patient-doctor relationship based on mutual trust and respect for patients' privacy, dignity, individual integrity and culture.
4.2 Communicate with others in a respectful, professional and non-judgmental manner and demonstrate effective listening skills (e.g. maintaining eye contact, body posture, verbal and non-verbal facilitation skills).	Communicate with others in a respectful, professional and non-judgmental manner and demonstrate effective listening skills (e.g. maintaining eye contact, body posture, verbal and non-verbal facilitation skills).
4.3 Demonstrate the ability to give a clear, concise, and organized oral presentation and written documentation of a history and physical exam with basic elements of assessment and a plan that addresses the psycho-social and biomedical needs of the patient for a focused or complete patient encounter.	Demonstrate the ability to give a clear, concise, and organized oral presentation and written documentation of a history and physical exam with basic elements of assessment and plan that addresses the psycho-social and biomedical needs of the patient for a focused or complete patient encounter.
4.4 Conduct an interview with a limited English-	Conduct an interview with a limited English –speaking patient

interpreter.	
4.5 Recognize barriers to effective communication and implement strategies to overcome these barriers (e.g. health literacy, vision/hearing impairment, disabled, pediatric, geriatric).	Recognize barriers to effective communication and implement strategies to overcome these barriers (e.g. Vision/hearing impairment, disabled, pediatric, geriatric).
4.6 Educate patients assuring their understanding on:	Educate patients assuring their understanding on:
4.6.1 Preventive strategies and promoting healthy behavior change, and	Preventative strategies and promoting healthy behavior.
4.6.2 Medical risk and benefits in medical decision-making (e.g. informed consent).	Medical risk and benefits in medical decision-making (e.g. Informed consent).
<p>More specific goals for the course are:</p> <ul style="list-style-type: none"> • Rapidly establish a positive patient-doctor relationship. • Provide a brief, complaint focused oral presentation and written documentation of the patient's case. • Students still continue to refine their documentation skills, specifically focusing on the patient's history and physical examination as well as their initial assessment, interventions, reassessments, plan of care and final dispositions. 	
<u>5. Professionalism</u>	
Goal Statement: Medical students are expected to demonstrate professional behavior, commitment to ethical principles, and sensitivity to diverse patient populations.	
Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:	
<u>MCG Objectives</u>	<u>Course/Clerkship Objectives</u>
5.1 Demonstrate honesty, integrity, and ethical behavior in all interactions with patients and other health care professionals, including:	Demonstrate honesty, integrity, and ethical behavior in all interactions with patients and other health care professionals, including:
5.1.1 Describing the importance of protecting patient privacy and identifying personal health information, including when and when not to share information, and	Describing the importance of protecting patient privacy and identifying personal health information, including when and when not to share information.
5.1.2 Identifying the ethical hazard and respond appropriately in situations such as:	
○ acceptance of gifts	
○ collaboration with industry when courted to prescribe/use their products or being asked to practice beyond legal limits or personal comfort (e.g. when asked to provide medical care to friends or relatives; use of "doctor"	

5.2 Fulfill professional commitments in a timely and responsible manner.	Fulfill professional commitments in a timely and responsible manner.
5.3 Demonstrate respect for one's self, including maintaining appropriate professional appearance, personal composure, and personal health.	Demonstrate respect for one's self, including maintaining appropriate professional appearance, personal composure, and personal health.
5.4 Recognize and address personal limitations, attributes or behaviors that might limit one's effectiveness as a physician and seek help when needed. This would include:	
5.4.1 Describe personal responses to stress and employ appropriate stress reduction interventions as needed.	
5.5 Demonstrates sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, race, religion, disabilities and sexual orientation and investigate impact of those on clinical care and medical decisions.	Demonstrate sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, race, religion, disabilities and sexual orientation and investigate impact of those on clinical care and medical decisions.
<p>More specific goals for the course are:</p> <ul style="list-style-type: none"> • Student must conduct themselves in an ethical manner at all times. • When ethical dilemmas arise, students are expected to seek consultation from an attending physician. • Students will be exposed to diverse populations who are presenting with possible life threatening illness. <ul style="list-style-type: none"> o Students must be able to interact with these patients (and their healthcare advocates) in a sensitive manner. 	
6. Systems-based Practice	
Goal Statement: Medical students are expected to develop an awareness of available health care system resources and demonstrate an ability to use them appropriately to provide optimal quality patient care.	
Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:	
<u>MCG Objectives</u>	<u>Course/Clerkship Objectives</u>
6.1 Demonstrate the ability to work within a multidisciplinary patient care team, with an understanding of the physicians' role and the unique and complementary abilities of all members of the team to enhance patient care.	Demonstrate the ability to work within a multidisciplinary patient care team, with an understanding of the physicians' role and the unique and complementary abilities of all members of the team to enhance patient care..
6.2 Examine medical	Examine medical errors and

approach and describe available methods to minimize them.	available methods to minimize them.
<p>More specific goals for the course are: The student will learn to work effectively as a member of a healthcare team. This includes the physicians in the emergency department, the nursing staff, ancillary support staff, as well as consulting physicians. Effective communication and interaction are valuable skills in any field, but perhaps none more so than in the emergency department.</p>	