

**Pediatrics Competency-based Objectives *Condensed***

**Medical College of Georgia – Augusta University**

Approved by COC 5-8-13

Revised and Approved by COC 6-2-15

<b>1. Medical Knowledge</b>	
<b>Goal Statement:</b> 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.	
<b>Core Competencies:</b> Graduates from the Augusta University - Medical College of Georgia will be able to:	
MCG Objectives	Course/Clerkship Objectives
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 pediatrics.
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 pediatric diseases and correlate them with clinical signs and symptoms.
1.3 Demonstrate knowledge of both common or significant, acute and chronic clinical problems.	Diagnose common acute and chronic clinical problems in pediatrics. Assess hydration state of a pediatric patient. Identify signs of non-accidental injuries and child abuse and know reporting obligations.
1.4 Differentiate between normal and abnormal development and age-related changes across the life span.	Explain how the physical manifestations and the evaluation and management of many pediatric illnesses vary with the age of the patient. Accurately plot height, weight and head circumference or BMI on a growth chart. Rate sexual maturity (Tanner Stage) on an adolescent patient. Perform appropriate developmental screening on patients as part of the health maintenance visit or inpatient evaluation.
1.5 Demonstrate comprehension of clinical interventions and agents including pharmaceutical, surgical, genetic, complementary and alternative medicines, and other therapies.	Calculate a drug dose for a pediatric patient and write as a prescription or medication order. Calculate and write IV orders for a bolus, deficit replacement and maintenance fluids for an infant or child. Demonstrate understanding of genetic conditions that present in the pediatric population.
1.6 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.	Provide appropriate anticipatory guidance about development, nutrition, safety, and injury prevention. Discuss immunizations with the family of an infant, a toddler or a child about to enter school. Include immunization side effects.
<b>2. Patient Care</b>	
<b>Goal Statement:</b> 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.	
<b>Core Competencies:</b> Graduates from the Augusta University - Medical College of Georgia will be able to:	
MCG Objectives	Course/Clerkship Objectives
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.	Interview sick and well pediatric patients. Evaluate patients from infancy through adolescence in a variety of clinical settings, establishing rapport with the patient and family in order to obtain a complete history and physical examination. Obtain a routine diet history on an infant that includes: the type of feeding (breast vs. formula) with amount and frequency, types and approximate amounts of solids, and diet supplements given (vitamins, fluoride, iron).
2.3 Perform both complete and symptom-focused physical examinations, including mental status examination.	Examine sick and well pediatric patients. Accurately plot height, weight and head circumference or BMI on a growth chart. Rate sexual maturity (Tanner Stage) on an adolescent patient. Perform appropriate developmental screening on patients as part of the health maintenance visit or inpatient evaluation.
2.4 Perform or participate in routine technical procedures. [procedures determined by core clerkships]	Calculate a drug dose for a pediatric patient and write as a prescription or medication order. Calculate and write IV orders for a bolus, deficit replacement and maintenance fluids for an infant or child.
2.5 Construct a differential diagnosis for common clinical presentations.	Develop a differential diagnosis and evaluation scheme for common problems in infants through adolescents.
2.5.1 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 solving these problems.	
2.6 Identify and interpret the most useful clinical, laboratory, roentgenologic, and pathologic testing for common clinical presentations.	Compare and contrast common laboratory values in sick and well neonates, children, and adolescents.
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.	Identify common clinical problems in pediatrics and outline an initial diagnostic and therapeutic plan.
<b>3. Practice-based Learning</b>	
<b>Goal Statement:</b> Medical students are expected to investigate and evaluate their patient care practices, appraise and assimilate scientific evidence, and improve their practice of medicine.	
<b>Core Competencies:</b> Graduates from the Augusta University - Medical College of Georgia will be able to:	
MCG Objectives	Course/Clerkship Objectives
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.	Complete a mid-rotation feedback form including goals for self-improvement.

3.2.1 Demonstrate critical awareness and reflective thinking when 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.	Use appropriate resources to answer clinical questions.
<b>4. Communication</b>	
<b>Goal Statement: Medical students are expected to demonstrate skills that result in effective communication and collaboration with patients, families, and professional associates.</b>	
<b>Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:</b>	
<b>MCG Objectives</b>	<b>Course/Clerkship Objectives</b>
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.	Prepare a complete written summary of the history and physical and orally present the case in a focused and chronological manner.
4.4 Conduct an interview with a limited English-speaking patient through appropriate use of an 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 with a pediatric patient and implement strategies to overcome these barriers. Explain how health literacy about disease process affects the progression of the disease and the plan for treatment. Students should be cognizant of potential barriers to communications such as vision or hearing impairment.
4.6 Educate patients assuring their understanding on:	
4.6.1 Preventive strategies and promoting healthy behavior change, and	Provide anticipatory guidance appropriate to the patient's age and parental concerns.
4.6.2 Medical risk and benefits in medical decision-making (e.g. informed consent).	
<b>5. Professionalism</b>	
<b>Goal Statement: Medical students are expected to demonstrate professional behavior, commitment to ethical principles, and sensitivity to diverse patient populations.</b>	
<b>Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:</b>	
<b>MCG Objectives</b>	<b>Course/Clerkship Objectives</b>
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.
5.1.1 Describing the importance of protecting patient privacy and identifying personal health information, including when and when not to share information, and	Required institutional HIPAA training and assessment.
5.1.2 Identifying the ethical hazard and respond appropriately in situations such as:	
o acceptance of gifts	
o 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" title).	
5.2 Fulfill professional commitments in a timely and responsible manner.	Complete assignments in a timely manner including assigned Aquifer Cases, direct observations, patient logs, mid-rotation feedback form, EBM write-up, patient notes, end of clerkship evaluations, and notification of absences.
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.
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.	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.
<b>6. Systems-based Practice</b>	
<b>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.</b>	
<b>Core Competencies: Graduates from the Augusta University - Medical College of Georgia will be able to:</b>	
<b>MCG Objectives</b>	<b>Course/Clerkship Objectives</b>
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 errors and quality problems using a health systems approach and describe available methods to minimize them.	