

Neurology Competency-based Objectives *Condensed*

Medical College of Georgia – Georgia Regents University

Approved by COC 3-18-11

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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 Georgia Regents 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 neurology.
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.	Diagnose common acute and chronic clinical problems in neurology.
1.4 Differentiate between normal and abnormal development and age-related changes across the life span.	Describe normal developmental motor and cognitive milestones in children and describe neurologic changes associated with aging.
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.	
1.7 Demonstrate knowledge of preventive medicine and current guidelines for health promotion and disease screening.	

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 Georgia Regents 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. See syllabus for full list of exams.
2.4 Perform or participate in routine technical procedures. [procedures determined by core clerkships]	Perform or participate in routine technical procedures. [procedures determined by core clerkships]
2.5 Construct a differential diagnosis for common clinical presentations.	Participate in team development of a differential diagnosis and evaluation scheme for common problems in neurology.
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.	Participate in team review of clinical tests as part of treatment planning.
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.	Work with a team to identify common clinical problems and outline an initial diagnostic and therapeutic plan.

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 Georgia Regents 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.	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.
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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 Georgia Regents 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.	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 patient and implement strategies to overcome these barriers.
4.6 Educate patients assuring their understanding on:	
4.6.1 Preventive strategies and promoting healthy behavior change, and	
4.6.2 Medical risk and benefits in medical decision-making (e.g. informed consent).	Demonstrate a basic understanding of medical risk and benefits in medical decision-making (e.g. informed consent).

5. Professionalism

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 Georgia Regents 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.
5.1.1 Describing the importance of protecting patient privacy and identifying personal health information, including when and when not to share information, and	Demonstrates an understanding of the importance of protecting patient privacy and identifying personal health information, including when and when not to share information. 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 patient logs, mid-rotation feedback form, 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.	
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.

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 Georgia Regents 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 as team leader and the importance of ancillary staff.	Demonstrate the ability to work within a multidisciplinary patient care team, with an understanding of the physician's role as team leader and the importance of ancillary staff.
6.2 Examine medical errors and quality problems using a health systems approach and describe available methods to minimize them.	