

Medical College of Georgia Competency-Based Objectives

Approved by COC 5-8-13

Module/Clerkship: SUR 5000

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***Note: M3/M4 Assessment is a competency-based professional assessment completed by clinical faculty, based on direct observation.**

Competency: 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 Health Sciences University - Medical College of Georgia will be able to:		
MCG Objectives	Course/Clerkship Objectives	Course/Clerkship Assessment Method
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 surgery.	M3/M4 Assessment*(Form Item(s): Demonstrates a sound fund of essential "basic" and "clinical" science knowledge; explains underlying mechanisms of disease that applies to patient care; Correlates knowledge (e.g. pathophysiology; anatomy) with clinical signs and symptoms)
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.	M3/M4 Assessment*(Form Item(s): Demonstrates a sound fund of essential "basic" and "clinical" science knowledge; explains underlying mechanisms of disease that applies to patient care; Correlates knowledge (e.g. pathophysiology; anatomy) 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 surgery.	NBME; M3/M4 Assessment*(Form Item(s): Demonstrates a sound fund of essential "basic" and "clinical" science knowledge; explains underlying mechanisms of disease that applies to patient care; Correlates knowledge (e.g. pathophysiology; anatomy) with clinical signs and symptoms), WiseMD Cases**
1.4 Differentiate between normal and abnormal development and age-related changes across the life span.	Demonstrate knowledge of common clinical problems in pediatric surgery.	NBME, Wise-MD Cases
1.5 Demonstrate comprehension of clinical interventions and agents including pharmaceutical, surgical, genetic, complementary and alternative medicines, and other therapies.	Demonstrate a basic understanding of sterile technique, gowning, gloving, OR Safety, and basic knot tying and suturing.	M3/M4 Assessment*(Form Item(s): Demonstrates a sound fund of essential "basic" and "clinical" science knowledge; explains underlying mechanisms of disease that applies to patient care; Correlates knowledge (e.g. pathophysiology; anatomy) with clinical signs and symptoms)
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.	Demonstrate knowledge of breast screening guidelines and mechanisms	NBME, M3/M4 Assessment*(Form Item(s): Demonstrates a sound fund of essential "basic" and "clinical" science knowledge; explains underlying mechanisms of disease that applies to patient care; Correlates knowledge (e.g. pathophysiology; anatomy) with clinical signs and symptoms), Wise MD Case
Competency: 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 Health Sciences University - Medical College of Georgia will be able to:		
<u>MCG Objectives</u>	<u>Course/Clerkship Objectives</u>	<u>Course/Clerkship Assessment Method</u>
2.1 Treat patients using a patient and family centered care approach.	Treat patients using a patient and family centered care approach.	M3/M4 Assessment Form (Form Item(s): Develops effective rapport; empathetic; patient; develops mutual trust with patients; respectful of patients' privacy, dignity, individual integrity, and culture; responds to patients' needs, expectations, and concerns)
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 patients pre- and post-operative	SPEL; M3/M4 Assessment Form (Form Item(s): Obtains accurate patient histories; reports information relevant to the patient situation, including psychosocial factors)
2.3 Perform both complete and symptom-focused physical examinations, including mental status examination.	Examine patients pre- and post-operative	SPEL; M3/M4 Assessment Form (Form Item(s): Performs complete and symptom-focused physical examinations, as appropriate to the patient's presentation; accurately identifies major exam findings pertinent to the patient situation)
2.4 Perform or participate in routine technical procedures. [procedures determined by core clerkships]	Perform sterile technique, gowning, gloving, OR Safety, and basic knot tying and suturing.	SPEL; M3/M4 Assessment Form (Form Item(s): Performs essential procedures safely and effectively; Explains indications and contraindications for procedures, relevant to the patient's case)
2.5 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 2.5.2 Demonstrate sound judgment in making inferences about findings and synthesizing problems, in deductive thinking when solving these problems	Participate in team development of a differential diagnosis and evaluation scheme for common problems in surgery	M3/M4 Assessment Form (Form Item(s): Reasons through patient problems; distinguishes important and relevant from unimportant and irrelevant; generates appropriate differential diagnoses for common clinical presentations)
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 surgical planning.	NBME; M3/M4 Assessment Form (Form Item(s): Identifies and interprets the most useful clinical, laboratory, radiologic, 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.	Work with team to identify common clinical problems and outline an initial diagnostic and therapeutic plan.	NBME, M3/M4 Assessment Form (Form Item(s): Contributes to the team's deliberations on treatment planning; generates basic treatment plans for common clinical conditions; treatment plans include attention to prevention strategies appropriate to the patient's presentation)
Competency: 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 Health Sciences University - Medical College of Georgia will be able to:		
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.	M3/M4 Assessment (Form Item(s): Shows curiosity; recognizes learning needs; takes initiative and is self-directed in learning; reflects critically on own performance)
3.2 Develop strategies for continuous individual improvement through monitoring performance, reflection, engaging in new learning, applying new learning, and monitoring impact of learning. 3.2.1 Demonstrate critical awareness and reflective thinking when evaluating individual or team performance.	Complete a mid-rotation feedback form including goals for self-improvement	Professionalism/Other component of Final Grade; M3/M4 Assessment (Form Item(s): Shows curiosity; recognizes learning needs; takes initiative and is self-directed in learning; reflects critically on own performance)
3.3 Accept constructive criticism and modify behavior based on feedback.	Accept constructive criticism and modify behavior based on feedback.	M3/M4 Assessment (Form Item(s): Accepts constructive feedback without defensiveness; demonstrates improvement with 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	M3/M4 Assessment (Form Item(s): Develops clinical questions related to patients' problems; uses medical information technology to locate valid evidence relevant to the clinical question)
Competency: 4. Communication Competencies Objectives		
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 Health Sciences University - Medical College of Georgia will be able to:		
MCG Objectives	Course/Clerkship Objectives	Course/Clerkship Assessment Method
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.	M3/M4 Assessment (Form Item(s): Develops effective rapport; empathetic; patient; develops mutual trust with patients; respectful of patients' privacy, dignity, individual integrity, and culture; responds to patients' needs, expectations, and concerns)
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).	M3/M4 Assessment (Form Item(s): Listens effectively to patients, families, and other team members; does not interrupt; good control of verbal and nonverbal expressions; aware of others' emotional expressions)
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 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.	M3/M4 Assessment (Form Item(s): Oral presentations are clear, concise, and organized; accurately reports history and physical exam findings; reports main elements of the assessment and plan; uses appropriate medical vocabulary; Written or electronic notes are clear, concise, and organized; accurately records history and physical exam findings; records main elements of the assessment and plan; uses appropriate medical vocabulary)
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.	M3/M4 Assessment (Form Item(s): Identifies barriers to effective communication with patients, such as limited health literacy (i.e. patient or family's ability to obtain, process, or understand basic health information or services), vision/hearing impairment, disability, or age)

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 surgical risks and benefits and strategies for discussing these with patients	M3/M4 Assessment (Form Item(s): Develops effective rapport; empathetic; patient; develops mutual trust with patients; respectful of patients' privacy, dignity, individual integrity, and culture; responds to patients' needs, expectations, and concerns); Wise MD case
Competency: 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 Health Sciences University - Medical College of Georgia will be able to:		
MCG Objectives	Course/Clerkship Objectives	Course/Clerkship Assessment Method
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.	M3/M4 Assessment (Form Item(s): Shows honesty and integrity; Respects the rights of others; handles confidential information discreetly)
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.	M3/M4 Assessment (Form Item(s): Shows honesty and integrity; Respects the rights of others; handles confidential information discreetly); 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 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.	M3/M4 Assessment (Form Item(s): Completes assigned work; takes fair share of the team's work; arrives on time; meets deadlines); Professionalism/Other component of Final Grade
5.3 Demonstrate respect for one's self, including maintaining appropriate professional appearance, personal composure, and personal health.		M3/M4 Assessment (Form Item(s): Maintains 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:		M3/M4 Assessment (Form Item(s): Shows curiosity; recognizes learning needs; takes initiative and is self-directed in learning; reflects critically on own performance)
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.	M3/M4 Assessment (Form Item(s): Flexible, respectful and tolerant; considers relevance of patients' culture, age, gender, and disabilities to care)
Competency: 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 Health Sciences University - Medical College of Georgia will be able to:

<u>MCG Objectives</u>	<u>Course/Clerkship Objectives</u>	<u>Course/Clerkship Assessment Method</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.	M3/M4 Assessment (Form Item(s): Works well with others; values roles of the members of the healthcare team.
6.2 Examine medical errors and quality problems using a health systems approach and describe available methods to minimize them.		