

Family Medicine

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> |
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| 1.1 Demonstrate knowledge of normal and abnormal structure and function of the human body on the macroscopic, microscopic, and molecular levels. | Family Medicine Clerkship students will apply previously acquired knowledge of human structure and function to the diagnosis and management of medical conditions in all patient encounters. Assessment will be achieved formatively through preceptor feedback with each encounter and summatively through the faculty evaluation and NBME subject examination. |
| 1.2 Identify the pathology and pathophysiology of various diseases and correlate them with clinical signs and symptoms. | Family Medicine Clerkship students will apply previously acquired knowledge of pathophysiology to the diagnosis and management of medical conditions in all patient encounters. Assessment will be achieved formatively through preceptor feedback with each encounter and summatively through the faculty evaluation and NBME subject examination. |
| 1.3 Demonstrate knowledge of both common or significant, acute and chronic clinical problems. | Family Medicine Clerkship students will actively seek opportunities to evaluate patients and document these encounters consistent with the acute and chronic conditions determined most pertinent to the practice of Family Medicine based on the ongoing consensus of all Family Medicine Clerkship faculty as it directly relates to the assigned MCG curriculum objectives. |
| 1.4 Differentiate between normal and abnormal development and age-related changes across the life span. | Family Medicine Clerkship students will develop and demonstrate competence in the recognition of the impact of development and aging across the Pediatric to Geriatric patient spectrum and apply this knowledge to influence changes required by individual patients' presenting conditions as evaluated by their preceptor. |

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| <p>1.5 Demonstrate comprehension of clinical interventions and agents including pharmaceutical, surgical, genetic, complementary and alternative medicines, and other therapies.</p> | <p>Family Medicine Clerkship students will familiarize themselves with therapeutics and other clinical interventions encountered during their patient experiences with directed independent study of those therapeutics identified by the Clerkship faculty as most pertinent to the practice of Family Medicine in the MCG curriculum objectives. This objective includes demonstration of therapeutic prescribing and diagnostic study ordering with preceptor review and feedback. Ongoing evaluation of experiences is accomplished through patient encounter documentation and its use for real time course management and ongoing curricular evaluation and development.</p> |
| <p>1.6 Demonstrate knowledge and ability to interpret epidemiological and public health contributions to understanding health and disease.</p> | <p>Evaluative learning is provided through the Population Based Care weekly learning module to facilitate student performance on the summative NBME subject examination.</p> |
| <p>1.7 Demonstrate knowledge of preventive medicine and current guidelines for health promotion and disease screening.</p> | <p>Family Medicine Clerkship students are expected to maintain a focus on preventive care in all patient encounters when appropriate. Faculty evaluation of student understanding and application is provided through feedback from individual preceptor(s).</p> |

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> |
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| <p>2.1 Treat patients using a patient and family centered care approach.</p> | <p>Family Medicine Clerkship students are expected to incorporate a family and person-oriented approach to health-care that incorporates the impact of health problems on patient and patients' families across the spectrum of the patients' lifespan and the natural history of their disease process whether acute or chronic. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |

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| <p>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.</p> | <p>Family Medicine Clerkship students will obtain clinical histories that are appropriately focused for the presenting symptoms and/or conditions with each clinical encounter. Such histories should consider the age, gender, culture, family and social dynamics of the patient where appropriate as well as use of therapeutics outside of those prescribed. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |
| <p>2.3 Perform both complete and symptom-focused physical examinations, including mental status examination.</p> | <p>Family Medicine Clerkship students will perform physical examinations that are appropriately focused for the presenting symptoms and/or conditions with each clinical encounter. Additional requirements of the clerkship include observation of performance of a focused HEENT examination and musculoskeletal examination with documentation of completion by their preceptor for entry into One45. This represents a minimum requirement of the clerkship to meet expectations.</p> |
| <p>2.4 Perform or participate in routine technical procedures. [procedures determined by core clerkships]</p> | <p>Family Medicine Clerkship students are expected to participate in all available procedural opportunities as part of their clinical experience. They are required to complete those procedures identified by the MCG curriculum specific to the Family Medicine Clerkship which are three (3) finger stick blood glucose measurements and writing a prescription with documentation of completion of this task by their preceptor on the procedure card for entry into One45. This represents a minimum requirement of the clerkship to meet course expectations.</p> |
| <p>2.5 Construct a differential diagnosis for common clinical presentations.</p> | <p>Family Medicine Clerkship students will demonstrate an ability to formulate a differential diagnosis for the common presenting clinical conditions encountered in the Family Medicine setting. This will be evaluated through students' clinical presentations to their preceptor and their preceptor's evaluation of their written documentation of patient encounters. Attention should be paid to an appropriately inclusive but not unwieldy differential and an ability to appropriately triage the differential that supports appropriate, cost efficient, and timely evaluation while partnering with patients to meet their expectations. Assessment of student performance will be performed by the students' preceptor as</p> |

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| | part of their formative and summative evaluations as well as performance on the NBME subject examination. |
| 2.5.1 Demonstrate effective identification and analysis of problems and effective inductive thinking when raising plausible hypotheses to explain these problems. | Family Medicine Clerkship students will demonstrate an ability to identify and apply information from history and physical to identify the most probable explanation of patients with undifferentiated signs and symptoms. |
| 2.5.2 Demonstrate sound judgment in making inferences about findings and synthesizing problems, and in deductive thinking when solving these problems. | Family Medicine Clerkship students will demonstrate an ability to identify and apply information from history and physical to diagnose conditions with certainty after initial evaluation of undifferentiated signs and symptoms. |
| 2.6 Identify and interpret the most useful clinical, laboratory, roentgenologic, and pathologic testing for common clinical presentations. | As part of the evaluation of undifferentiated signs and symptoms students will demonstrate an ability to identify and interpret the most pertinent laboratory, roentgenologic, and pathologic testing to apply inductive or deductive reasoning as appropriate to common presenting clinical conditions in the Family Medicine setting. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations as well as performance on the NBME subject examination. |
| 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. | Family Medicine Clerkship students will demonstrate an ability to construct appropriate and efficient therapeutic management and prevention strategies for patients with acute and chronic conditions commonly seen in the Family Medicine setting of medical, psychiatric and/or surgical nature as well as the impact that these strategies have on the spectrum of the patients' lifespan and their family. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations and performance on the NBME subject examination. |
| 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> |

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| <p>3.1 Demonstrate genuine intellectual curiosity and desire to learn, focused inquisitiveness in asking questions, and enduring persistence in the pursuit of learning.</p> | <p>Family Medicine Clerkship students are expected to identify gaps in knowledge and develop strategies to address these knowledge gaps through self-reflection and/or feedback from their preceptors. Assessment of these measures can be made through future clinical performance, reflective on written documentation of patient encounters and performance on the NBME subject examination.</p> |
| <p>3.2 Develop strategies for continuous individual improvement through monitoring performance, reflection, engaging in new learning, applying new learning, and monitoring impact of learning.</p> | <p>Family Medicine Clerkship students are given specific requirements for completion of the Clerkship that are expected to be completed on a continuous basis with some directive components such as weekly theme quizzes that are used for evaluative learning, home visit for evaluation of the impact of the home and family environment on patient health, performance of required exam components and procedures with feedback from the preceptor on performance and continuous learning through clinical encounters. Students are expected to avail themselves of various study guides and resources to improve their general medical knowledge as it relates to Family Medicine and their performance on the NBME subject examination. Performance is monitored through the mid-term evaluation and summatively through documented completion of all clerkship requirements and the NBME subject examination performance.</p> |
| <p>3.2.1 Demonstrate critical awareness and reflective thinking when evaluating individual or team performance.</p> | <p>Family Medicine Clerkship students are expected to complete a self-assessment as part of the Mid-Rotation Feedback. Effectiveness of their self-reflection is evaluated through feedback with their clinical faculty member(s).</p> |
| <p>3.3 Accept constructive criticism and modify behavior based on feedback.</p> | <p>As part of the Mid-Rotation Feedback Family Medicine Clerkship students are asked to develop their own goals for the Clerkship and provided with suggestions for improvement which can then be assessed on their summative evaluation by their clinical faculty.</p> |

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.

Family Medicine Clerkship students are expected to demonstrate competency in effectively and efficiently searching the medical literature and other point-of-care resources to assist in formulation of differentials, determining the most likely or definite diagnosis based on presenting signs and symptoms and convey this information through oral presentation and/or written notes. Evaluative learning is accomplished through the Population-Based Care weekly quiz which includes items on sensitivity, specificity and strength of evidence of study types. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.

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> |
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| <p>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.</p> | <p>Family Medicine Clerkship students are expected to demonstrate evolving competency in the establishment of positive patient-doctor relationships based on mutual trust and respect for patients' privacy, dignity, individual integrity and culture as well as in family relationships where appropriate. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |
| <p>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).</p> | <p>Family Medicine Clerkship students are expected to be able to engage in communication with patients, staff and preceptors in a respectful, professional and non-judgmental manner while demonstrating effective listening skills. Students will be evaluated through their oral presentations to their preceptors. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |

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| <p>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</p> | <p>Family Medicine Clerkship students are expected to be able to obtain and convey an appropriate history and physical exam through verbal and written medium. Students are expected to develop basic assessments with evaluative, therapeutic and other management plans as appropriate for their level of training that includes not just the biomedical but also psycho-social needs of the patient that are appropriately complete or focused as the situation requires. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |
| <p>4.4 Conduct an interview with a limited English-speaking patient through appropriate use of an interpreter.</p> | <p>Family Medicine Clerkship students may encounter patients with limited English-speaking proficiency requiring use of an interpreter or other culturally and linguistically appropriate services as dictated by current policy and regulation. Availability and provision of these services are variable by clinical site. Students should avail themselves of opportunities to participate in these encounters when feasible utilizing previous educational experiences in the pre-clerkship year in order to develop proficiency. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |
| <p>4.5 Recognize barriers to effective communication and implement strategies to overcome these barriers (e.g. health literacy, vision/hearing impairment, disabled, pediatric, geriatric).</p> | <p>Family Medicine Clerkship students should remain cognizant of potential barriers to communications and implement strategies to overcome barriers such as, but not limited to, health literacy, vision or hearing impairment, disability, pediatric and geriatric patients. Identification or such barriers and appropriate modifications to interactions and management should be included in presentations. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |
| <p>4.6 Educate patients assuring their understanding on:</p> | <p style="background-color: black; color: black;">[REDACTED]</p> |
| <p>4.6.1 Preventive strategies and promoting healthy behavior change, and</p> | <p>Family Medicine Clerkship students are expected to become familiar and actively seek to implement preventive strategies and engage in patient educational activities to promote behavior change. Evaluative education for the student is included as part of the Population-Based Care weekly quiz and students should seek opportunities</p> |

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| | to assess the need and encourage patients to avail themselves of preventive care interventions when appropriate. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations. |
| 4.6.2 Medical risk and benefits in medical decision-making (e.g. informed consent). | Family Medicine Clerkship students are expected to participate in the consent process for any procedures they are involved with materially or as an observer as well in the performance of the Clerkship specific required procedures. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations. |
| 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: | Student on the Family Medicine Clerkship are expected to demonstrate honesty, integrity and ethical behavior in all interactions with patients and other health care professionals throughout the clerkship, their professional training and careers. |
| 5.1.1 Describing the importance of protecting patient privacy and identifying personal health information, including when and when not to share information, and | Students will adhere to the principles and standards as outlined in their HIPPA training prior to their clerkship training and remain cognizant of these principles during their interactions with patients, patients' families, peers, preceptors and others regardless of setting. Students' ability to adhere to these principles while effectively communicating to other health care professionals and their preceptors will serve as their assessment of this domain of professional behavior. |
| 5.1.2 Identifying the ethical hazard and respond appropriately in situations such as: | |
| o acceptance of gifts | and throughout their undergraduate medical education are expected to comply with the Policy and Guidelines for Interactions between Medical College of Georgia School of Medicine with the Pharmaceutical, Biotech, Medical Device, and Hospital and Research Equipment and Supplies Industry ("Industry"); this includes but is not limited to: not accepting improper gifts from Industry with gifts (including meals) not to exceed \$25.00 in fair market value. Failure to comply with this policy will |

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| | be referred to the institutional level for appropriate remediation and reflects a failure to meet expectations for Professionalism. |
| 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). | Family Medicine Clerkship students are expected to comply with the Georgia Regents University Honor System Professionalism Code which includes, but is not limited to, defining unprofessional behavior as "...disrespecting or acting improperly to patients and/or their families, supervisors, peers, faculty, staff and self; disruptive behavior; illegal behavior; failure to fulfill clinical duties, etc.". Failure to comply will be referred to the Honor Council for review and reflects a failure to meet expectations for Professionalism. |
| 5.2 Fulfill professional commitments in a timely and responsible manner. | Students on the Family Medicine Clerkship are expected to complete all the requirements of the clerkship by the end of their clerkship. Failure to meet these requirements will result in inability to sit for the NBME subject examination and result in an incomplete for the Clerkship until appropriate remediation is completed. Failure to comply may be construed as a failure to meet expectations for Professionalism by the students' faculty member and be reflected as such on their clinical evaluation. |
| 5.3 Demonstrate respect for one's self, including maintaining appropriate professional appearance, personal composure, and personal health. | Family Medicine Clerkship students are expected to maintain a professional appearance at all times, maintain composure in their interactions and communications with patients, families and other health care professionals and demonstrate sound judgment in their personal health (e.g. not seeing patients if they are ill and notifying the appropriate personnel in a timely manner) while balancing the need for service based learning and self-directed learning in order to perform well on all evaluative aspects of the Clerkship. |
| 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. | Family Medicine Clerkship students will receive Mid-Rotation Feedback at a minimum that affords students an opportunity to self-reflect on their Professionalism, Communication, Interpersonal and Collaborative Skills (among other domains) and receive feedback from the faculty they are working with. Student response to this reflection and feedback will be assessed as part of the summative clinical faculty evaluation. |

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| <p>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.</p> | <p>Family Medicine Clerkship students are exposed to patients across the entire lifespan, multiple genders, races, sexual orientation and with varying degrees of debility. As part of their history taking students are expected to explore these elements and how consider them in their deliberations on their care and decision making. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |
| <p>6. Systems-based Practice</p> | |
| <p>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.</p> | |
| <p>Core Competencies: Graduates from the Georgia Regents University - Medical College of Georgia will be able to:</p> | |
| <p><u>MCG Objectives</u></p> | <p><u>Course/Clerkship Objectives</u></p> |
| <p>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.</p> | <p>Students on the Family Medicine Clerkship are expected to perform in the context of a team of care providers that include the primary physician as well as nursing, ancillary staff, family members and other individuals potentially involved in care outside of the office setting and other health professionals including other specialists. Student derived management plans are expected to be inclusive of their role and impact that all team members play and the dynamics they have from the perspective of a Primary Care physician. Assessment of student performance will be performed by the students' preceptor as part of their formative and summative evaluations.</p> |
| <p>6.2 Examine medical errors and quality problems using a health systems approach and describe available methods to minimize them.</p> | <p>Students on the Family Medicine Clerkship are required to complete a Quality Assessment (QA) tool looking at evidence based care measures for a pre-defined condition or population as an exercise in future activities they will be involved in as a health professional and to serve as an instructional tool for condition or population specific quality measures and to serve as a discussion point for the faculty they are working with.</p> |