

Students graduating from the Cleveland Clinic Lerner College of Medicine have achieved the following nine core competencies as defined by the performance standards listed below.

Clinical Skills: Perform appropriate history and physical examination in a variety of patient care encounters and demonstrate effective uses of clinical procedures and laboratory tests.

- Demonstrates ability to perform a complete history and physical examination and distinguish between normal and abnormal physical findings.
- Demonstrates ability to adapt the history and physical based on clinical setting and patient presentation.
- Demonstrates ability to perform core clinical procedures.
- Demonstrates appropriate responsibility for following up on care of patients.

Clinical Reasoning: Diagnose, manage and prevent common health problems of individuals, families and communities. Interpret findings and formulate action plan to characterize the problem and reach a diagnosis.

- Uses evidence from the patient's history, physical exam, and other data to formulate and prioritize a differential diagnosis.
- Uses available resources to develop an evidence-based approach to prevention, diagnosis, and treatment.
- Demonstrates awareness of the impact of genetics, ethnicity, age, gender and socioeconomic diversity in the care of individual patients.

Medical Knowledge in the Basic and Clinical Sciences: Demonstrate and apply knowledge of human structure and function, pathophysiology, human development and psychosocial concepts to medical practice.

- Demonstrates appropriate level of clinical and basic science knowledge base.
- Demonstrates ability to apply knowledge base to new clinical and research problems citing medical literature and other sources of evidence.

Communication: Demonstrate effective verbal, nonverbal and written communication skills in a wide range of relevant activities in medicine and research.

- Uses effective written and oral communication in research settings.
- Uses effective written and oral communication in clinical settings.
- Demonstrates patient-centered communication.
- Demonstrates cultural sensitivity when interacting with patients, families and co-workers from diverse backgrounds and abilities.

Professionalism: Demonstrate knowledge and behavior that represents the highest standard of medical research and clinical practice, including compassion, humanism, and ethical and responsible actions at all times.

- Demonstrates compassion, honesty and ethical practices with regard to research and patients.
- Meets professional obligations in a reliable and timely manner.

- Treats others in the healthcare environment in a manner that fosters mutual respect, trust and effective patient care.

Reflective Practice: Demonstrate habits of analyzing cognitive and affective experiences that result in identification of learning needs leading to integration and synthesis of new learning.

- Interprets and analyzes personal performance using feedback from others and makes judgments about the need to change.
- Identifies gaps in performance and develops and implements realistic plans that result in improved practice.

Personal Development: Recognize and analyze personal needs (learning, self-care, etc.) and implement plans for personal growth.

- Critically reflects on personal values and priorities and develops strategies to promote personal growth.
- Identifies biases and prejudices and reflects on how these can affect clinical practice and research.
- Identifies challenges between personal and professional responsibilities and develops strategies to deal with them.

Health Care Systems: Recognize and be able to work effectively in the various health care systems in order to advocate and provide for quality patient care.

- Applies concepts of patient safety, medical error and quality improvement to clinical experiences.
- Demonstrates understanding of health care system issues that result in health care disparities.
- Participates with other healthcare professionals in transition planning and identification of community resources.

Research: Demonstrate knowledge base and critical thinking skills for basic and clinical research and skill sets required to conceptualize and conduct research.

- Analyzes and effectively critiques a broad range of research papers.
- Demonstrates ability to generate a research hypotheses and formulate questions to test it.
- Designs and performs studies to test a hypothesis.
- Demonstrates ability to initiate, complete and understand all aspects of his/her own research project.