

Cleveland Clinic Lerner College of Medicine

As defined by the Liaison Committee for Medical Education (LCME), the Cleveland Clinic Lerner College of Medicine is a separate educational track within the Case School of Medicine. The track is a 5-year MD program focused on training physician investigators and includes a 12 month research experience culminating in a Masters level thesis. Students are assessed based upon defined standards of performance in 9 core competencies. Educational portfolios provide evidence documenting mastery of competencies. A Medical Student Promotion and Review Committee is responsible for reviewing portfolios to ensure students achieve competency standards. No grades are assigned (including "Honors" designation) for students in this program.

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: Effective gathering of relevant patient information required to diagnose disease, manage illness, and foster disease prevention.

- Performs complete history and physical examinations and distinguishes between normal and abnormal physical findings.
- Adapts the history and physical based on clinical setting and patient presentation.
- Performs clinical procedures required by each core discipline.
- Assumes appropriate responsibility for follow-up care of patients.
- Utilizes appropriate testing and imaging technology to support patient care.

Clinical Reasoning: Evidence based approach to diagnosis, management, and prevention of diseases.

- Formulates and prioritizes a differential diagnosis and establish a treatment plan using patient history, physical examination, laboratory test and imaging data.
- Develops plans aimed at disease prevention and health promotion.
- Utilizes information regarding individual variation in genetics, ethnicity, age, gender, and socioeconomic diversity in the care of patients.

Medical Knowledge: Knowledge of normal human structure and function, pathophysiology of disease, medical genetics, human development and psychosocial concepts relevant to medical practice.

- Demonstrates appropriate level of clinical and basic science knowledge as applied to medical practice.
- Applies knowledge to new clinical and research problems citing medical literature and other sources of evidence.

Communication: Effective communication utilizing written, verbal and nonverbal skills in patient care and research.

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

Professionalism: Consistent practice of the highest level of professional standards in patient care and medical research.

- Demonstrates compassion, honesty and ethical practices.
- Meets professional obligations in a reliable and timely fashion.
- Treats others in the healthcare environment in a manner that fosters mutual respect, trust, and effective patient care.

Reflective Practice: Utilization of personal experience to identify learning needs and implement plans aimed at improved performance.

- Interprets and analyzes personal performance and makes accurate judgments about the need to change.
- Identifies gaps in performance and implements plans that result in improved practice

Personal Development: Awareness of personal needs and ability to implement plans for personal growth.

- Critically reflects on personal values and priorities and develops strategies to promote personal growth.
- Identifies challenges between personal and professional responsibilities and develops strategies to deal with them.
- Identifies personal biases and prejudices related to professional responsibilities and acts responsibly to address them.

Health Care Systems: Understanding of the complexity of the US health care system and the role of the physician in assuring access and quality care.

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

Research: Knowledge and skill required to conceptualize and conduct ethically responsible research.

- Critically reviews scientific literature.
- Generates hypothesis-driven research questions in basic and clinical science.
- Applies basic principles of the scientific method to research design.
- Applies basic principles of biostatistics and epidemiology.
- Applies modern techniques of translational and clinical research.
- Conducts independent research that culminates in a master's level research thesis.