

Supplemental Digital Appendix 1

Program Objectives and Assessment Methods

Medical Education Program Objective(s)	General Assessment Methods
Students demonstrate the ability to gather accurate information from patients via history taking and physical examination.	Direct observations; global course and clerkship evaluations
Students demonstrate the ability to manage patients' health by making diagnoses and planning treatment.	Direct observations; graded written assignments; Comprehensive Standardized Patient Exam; global clerkship evaluations
Students counsel patients and utilize healthcare services in order to prevent health problems and maintain health.	Direct observations; Comprehensive Standardized Patient Exam; global clerkship evaluations
Students possess the knowledge necessary to provide effective patient care with respect to patient diversity and cultural beliefs.	Required small group discussions; direct observation of role play exercises; internal examinations; global course and clerkship evaluations
Students demonstrate the knowledge and skill required to manage unique or challenging aspects of patients' health.	Required small group discussions; direct observation of role play exercises; internal examinations; global clerkship evaluations
Students collaborate and communicate effectively in order to provide care.	Direct observations; global clerkship evaluations
Students understand and apply the principles of the basic sciences, particularly core areas of anatomy, physiology, biochemistry, immunology, microbiology, pathology, pharmacology, and genetics.	Internal and NBME examinations; TBL exercises
Students demonstrate knowledge of the basic disease processes encountered in the clinical sciences, particularly the fields of internal medicine, surgery, obstetrics and gynecology, psychiatry, family medicine, neurology, and pediatrics.	NBME examinations; TBL exercises; global clerkship evaluations
Students identify and apply principles of medical ethics and attributes of professionalism in both patient care and research. These include the core ethical principles of beneficence, non-maleficence, autonomy and justice, and core professional values such as confidentiality, informed consent, disclosing errors, duty to treat, access and limits to care, life-saving support and withdrawal.	Internal examinations; required on-line modules; global clerkship evaluations
Students apply principles of epidemiological and statistical sciences.	Internal and NBME examinations; journal club exercises; TBL exercises; global clerkship evaluations
Students apply principles of social-behavioral sciences in the provision of patient care.	Direct observations; internal examinations; global clerkship evaluations
Students participate regularly in learning activities that maintain and advance their competence and performance.	Skills lab quizzes; TBL exercises; simulation experiences
Students demonstrate the ability to review current sources of medical information.	Quizzes; journal club presentations; clerkship exercises

Students know how to appraise evidence in order to enhance knowledge.	Quizzes; journal club presentations; clerkship exercises
Students strive to evaluate and improve patient care practices.	TBL exercises; global clerkship evaluations
Students demonstrate effective communication with patients.	Direct observations; Comprehensive Standardized Patient Examination; global course and clerkship evaluations
Students demonstrate knowledge of how to effectively communicate with patients in challenging situations.	Direct observations; Comprehensive Standardized Patient Examination; global course and clerkship evaluations
Students demonstrate effective communication with team members.	Graded written exercises; global course and clerkship evaluations
Students maintain integrity and personal responsibility.	Global course and clerkship evaluations
Students demonstrate an understanding of their responsibilities to others (patients, colleagues, the profession, and society).	Peer evaluations; global course and clerkship evaluations
Students understand their limits and ensure their own competence.	Direct observations; global course and clerkship evaluations
Students demonstrate an understanding of the healthcare system, including utilization of resources.	Internal examinations; required IHI certification
Students recognize how their patient care decisions and professional behavior affect the healthcare and educational systems in which they work.	Internal examinations; required IHI certification
Students establish trust and maintain a climate of respect while working in collaborative teams with other health professionals.	Required interprofessional education course attendance; simulation experiences
Students engage other members of interprofessional teams to in order to provide care that is safe, effective, and efficient.	Required interprofessional education course attendance; simulation experiences; team training
Students assess their learning needs, knowledge, emotional needs, and the limitation of their skills in order to improve. They should demonstrate appropriate help seeking behavior when it is necessary for their well-being, or the well-being of their patients.	Self-reflection exercise; global course and clerkship evaluations; midcourse feedback
Students demonstrate flexibility, maturity, and the ability to utilize appropriate resources in the face of uncertainty.	Global course and clerkship evaluations
Students engage in activities that promote their personal and professional growth.	Self-reflection exercise; global course and clerkship evaluations; midcourse feedback