# ACCELERATED MD 3+3 PROGRAM

# **Accelerated MD Pathways at SCM**

Beginning in the Fall of 2023, The OU-TU School of Community Medicine will offer an accelerated MD pathway program which will allow up to six selected students per MS1 class to complete the MD degree in three years instead of the usual four\*. This program provides the opportunity for students to enter a directed pathway which leads from accelerated acquisition of the MD degree into a primary care residency training program at SCM. Once students complete the academic and professional standards for graduation from medical school, they will be positioned to match into an SCM primary care residency program (up to two students each for pediatrics, family medicine, and internal medicine) through the National Residency Matching Program®. These "3+3" accelerated MD pathway programs are designed to emphasize continuity between medical school and residency training, provide for enhanced mentoring with faculty, and allow graduates earlier career entry in their chosen fields. In addition to these advantages, students benefit from reduced medical education costs and optimize their opportunities for continuity in patient care and for career and practice advising.

Accelerated MD pathways nationwide are supported by the Consortium of Accelerated Medical Pathway Programs (CAMPP). The Association of American Medical Colleges Graduation Questionnaire analysis demonstrates that graduates from accelerated MD programs report feeling as satisfied with their medical education and as prepared for residency as their four-year MD graduate counterparts.

The School of Community Medicine 3+3 Accelerated MD Pathways integrate undergraduate medical education in 3 years with a planned pathway into a 3 year primary care residency training program at SCM through the NRMP Match. The pathways will produce physicians well-prepared to:

- Meet the complex medical needs of patients and their families in Oklahoma and beyond
- · Navigate the complex healthcare systems of today
- · Skillfully address social determinants of health
- Choose if desired to successfully practice in Oklahoma's rural, tribal, and medically-underserved areas
- \* The SCM 3+3 Pathways program is supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) as part of an award (#T99HP33558). The contents are those of the authors and do not necessarily represent the official views of, nor an endorsement, by HRSA, HHS or the U.S. Government.

It is the student's responsibility to ensure they are enrolled in the prescribed courses and to pay tuition and fees at the time designated by the Bursar's Office. Details regarding tuition/fee charges and collection are available from the Bursar's Office.

Students may apply to enter a 3+3 pathway once they have been accepted to the School of Community Medicine through the usual College of Medicine application and acceptance processes. Once accepted and matriculated, students early in their MS1 Fall semester may submit

a 3+3 pathway application to be considered for interviews. Qualified students in good standing will be invited for interviews and the selection process will conclude late in the MS1 Fall semester. Up to two students will be selected by a selection committee to enter each of the SCM 3+3 pathways, which will formally begin in the MS1 Spring semester.

Ideal candidates will be highly motivated to enter a career in primary care in Oklahoma, and will demonstrate excellent time-management, communication, and self-motivation skills along with strong academic performance.

The 3+3 pathways emphasize accelerated and highly efficient learning experiences that compress the MD degree curriculum into 3 years.

All 3+3 students will be expected to meet all educational objectives and MD graduation requirements as indicated in College of Medicine policies. Please note the 3+3 curriculum and COM policies governing this program are subject to change. Due to the accelerated nature of the pathway, vacation time and STEP exam study times are reduced.

How the curriculum is different from the School of Community Medicine Track 4-year MD pathway curriculum\*:

#### Pre-clinical curriculum:

- Adds a Career Confirmation Course in the Spring/Summer of the MS1 year emphasizing specialty-specific clinical experiences
- Adds a Longitudinal Primary Care Course in the Fall/Spring of MS2 (continuity primary care clinic)
- Places the Geriatric & Community Medicine clerkship at the end of the MS2

## Clinical curriculum:

- · Eliminates 6 weeks of Selectives in the MS3
- · Places the required Sub-Internship at the end of the MS3
- · Eliminates MS4 required and elective coursework

(\*Both the 4 year and 3 year MD pathways at SCM will experience a Longitudinal Integrated Clerkship experience in the MS3 year, replacing traditional block rotations with synchronous training in all clerkships across the MS3 year.)

The 3+3 pathways emphasize integration of basic sciences with clinical training, continuity in patient care and in faculty preceptorship, and a planned pathway into residency that creates a continuum from undergraduate to graduate medical training.

Code	Title	Hours	
Year One (Total clock hours = 1142.5)			
INDT 9101	School of Community Medicine Prologue Cou	rse 40	
INDT 8124	The Human Structure	130	
INDT 8125	Foundations of Medicine	136-151	
INDT 8126	Career Confirmation Course	0-292	
INDT 8132	Immunology, Microbiology, and Integument	77	
	Endocrinology, Metabolism and Nutritional Biochemistry	85	
INDT 8156	Blood, Hematopoiesis, & Lymphatics	68	
INDT 8122	Clinical Medicine I	115	
INDT 8244	Patients, Physicians and Society I	75-87	
INDT 8110	Design and Analysis of Clinical Research	16	
INDT 8162	Lifestyle Medicine and Health Promotion I	37	

INDT 8126	Career Confirmation Course	0-292	
Year Two (Total clock hours = 928)			
INDT 8264	Cardiovascular, Respiratory and Renal Syste	msl 52-164	
INDT 8272	Neurosciences	151-166	
INDT 8275	Clinical Medicine II	99	
INDT 8266	Patients, Physicians, and Society II: Clinical	Ethic <b>\$</b> 0-35	
INDT 8163	Lifestyle Medicine and Health Promotion II	32	
INDT 8301	Enrichment Program: Humanities	16	
INDT 8280	Reproduction	98	
INDT 9200	MS2 Capstone	70	
INDT 9201	Joint, Skin, and Bone	40	
INDT 8136	Longitudinal Primary Care Course	80	
GERI 9250	Geriatrics and Community Medicine	160	
Year Three (Total clock hours = 1968)			
INDT 9301	Clinical Transitions	40	
MED 9250	Medicine Clerkship	298-320	
SURG 9760	Surgery Clerkship	298-320	
OBGY 9210	Obstetrics and Gynecology Clerkship	226-240	
PEDI 9650	Pediatric Clerkship	226-240	
PSBS 9520	Psychiatry Clerkship	226-240	
FM 9540	Family Medicine Clerkship	155-160	
NEUR 9370	Neurology Clerkship	155-160	
INDT 9050	Health Systems Sciences in Practice	184	
INDT 9403	Subinternship Elective	80-160	

# **MD Program Prerequisites**

All applicants must be U.S. citizens or hold a permanent visa at the time of application. Minimum requirements to the College of Medicine are 90 semester hours with a cumulative grade point average of 3.0 and a Medical College Admissions Test (MCAT) score of 21. These are minimum requirements and are not competitive for an interview. We use the most recent MCAT score when selecting applicants for interviews.

A candidate for the M.D. degree must have the following abilities and skills: Observation; communication; motor; conceptual, integrative and quantitative; and behavioral and social.

All applicants must have verification of the following prerequisite courses (to be completed by matriculation):

- · General Zoology/Biology (including lab) 1 semester
- · General Chemistry 2 semesters
- Organic Chemistry 2 semesters
- · Physics 2 semesters
- · English 2 semesters
- · Genetics OR Cell Biology OR Molecular Biology 1 semester
- · Psychology, Sociology, Philosophy, or Humanities 3 semesters

## Recommended Courses:

- Biochemistry 1 semester
- Writing Intensive English Course 1 semester

# **Objectives**

See also: Section 400 of the College of Medicine Policies and Procedures Handbook

The following competency-based Educational Program Objectives guide the planning, delivery, and evaluation of the College of Medicine core undergraduate medical education program. Students are expected to demonstrate competency in each of these areas prior to graduation.

## 1. Medical Knowledge

# Students will demonstrate knowledge of the...

- Basic scientific principles fundamental to the practice of medicine
- b. Normal structure, function, and embryology of organ systems
- c. Pathogenesis and manifestations of clinical disorders
- d. Utility, mechanisms of action, and adverse effects of commonly used drugs
- e. Physical, cognitive, emotional, social, and behavioral aspects of human development

#### 2. Patient Care

## Students will be able to...

- a. Elicit a medical history and perform a physical examination
- b. Interpret common diagnostic and screening tests
- c. Create, prioritize, and justify a differential diagnosis
- d. Evaluate and manage common clinical conditions
- e. Perform general procedures of a physician
- f. Apply principles of health promotion and disease prevention to patient care
- g. Describe and address common societal problems adversely affecting health in Oklahoma
- h. Provide general care to diverse patient populations

#### 3. Communication

# Students will be able to...

- a. Use effective listening, observational, and communication techniques with patients and families
- b. Deliver clear and accurate oral presentations using standard formats tailored to the needs of the listener
- Provide accurate and context-specific documentation of clinical encounters in written and electronic formats

## 4. Professionalism

#### Students will be able to...

- a. Demonstrate altruism, honesty, compassion, and responsiveness to patient needs
- Demonstrate integrity, respect, reliability, and accountability in professional endeavors
- c. Demonstrate commitment to ethical principles by respecting patient autonomy and seeking the patient's best interest
- d. Demonstrate cultural sensitivity, recognize personal and systemic healthcare biases, identify demographic influences on healthcare quality and outcomes, and suggest strategies to reduce health disparities

# 5. Practice-Based Learning

#### Students will be able to...

 use biostatistics and the scientific method, describe principles of clinical and translational research, appraise scientific studies, and engage in evidence-based clinical practice

- Identify and address personal strengths and weaknesses, respond appropriately to feedback, and seek help and advice when needed
- Engage in self-directed learning as a foundation of life-long learning

# 6. Systems-Based Practice

#### Students will be able to...

- a. Integrate the unique and complementary abilities of other healthcare professionals and collaborate as a member of an interprofessional team
- b. Explain the principles of health systems science and contribute to a culture that promotes patient safety
- c. Describe and apply the fundamental principles of community medicine<sup>1</sup>
- Supplemental SCM Track Objective. Objectives are assigned to EPO 6c for students on the Tulsa Campus Only

The following competency-based School of Community Medicine (SCM) Track Objectives guide the planning, delivery, and evaluation of the community medicine-specific programming. Students participating in the Tulsa campus SCM track are expected to demonstrate competency in each of these areas prior to graduation.

- · SCM A. Describe the characteristics of community
  - · A1. Define community
  - · A2. Discuss the role of community in health
  - A3. Define a meaningful population for health improvement purposes
- · SCM B. Identify the principal determinants of population health
  - B1. Describe population-level determinants of health
  - B2. Discuss how these factors influence health status and healthcare delivery
- SCM C. Assess the health status, needs, and resources of a community
  - C1. Evaluate available statistics to identify health problems or areas of concern
  - C2. Identify existing community-based assets and resources to improve population health
- SCM D. Use community engagement to promote population health
  - D1. Refer individual patients to resources that can assist in meeting their health needs
  - D2. Participate in community engagement to understand community needs
- SCM E. Use principles of evidence-based practice to promote population health
  - E1. Analyze the literature applicable to problems identified among patients and populations
  - E2. Apply the scientific literature to patient care taking into account patient values, resources, and preferences
- SCM F. Apply principles of quality improvement to promote population health
  - F1. Utilize patient data and a quality improvement model to improve the health of a patient population
  - F2. Describe the role of evaluation in program improvement and advocacy
  - F3. Describe how quality improvement principles can be applied to improving team functioning

- SCM G. Apply principles of population health to daily practice
  - G1. Describe how social determinants of health impact an individual's health
  - G2. Describe how inter-professional collaborations can help meet individual patients needs and affect population health
  - G3. Apply knowledge of social determinants of health in treatment planning and delivery

# **End of Phase Competencies**

MD program students are expected to demonstrate competency in the following areas at the conclusion of the preclinical and clinical curriculum phases (i.e., segments). Student competency is assessed throughout each phase via outcome measures identified by the faculty.

# Competency 1: Medical Knowledge Objective 1a

To demonstrate knowledge of basic science principles fundamental to the practice of medicine

At the end of the preclinical phase, students should be able to:

- 1. Demonstrate knowledge of the basic principles of genetics, biochemistry, and cellular biology
- 2. Demonstrate knowledge of the basic principles human anatomy
- Demonstrate knowledge of the basic principles of physiology, pharmacology, and pathology
- 4. Demonstrate knowledge of the basic principles of microbiology and immunology

By graduation, students should be able to:

- Apply knowledge of genetics, biochemistry, and cellular biology to clinical medicine
- 6. Apply knowledge of human anatomy to clinical medicine
- Apply knowledge of the pathophysiology and pathology to clinical medicine
- 8. Apply knowledge of basic pharmacology to clinical medicine
- 9. Apply knowledge of microbiology and immunology to clinical medicine

# **Objective 1b**

To demonstrate knowledge of the normal structure, function, and embryology of organ systems

At the end of the preclinical phase, students should be able to:

- Describe the structure, function, and embryologic development of the hematologic and lymphatic systems
- 2. Describe the structure, function, and embryologic development of the gastrointestinal and hepatobiliary systems
- Describe the structure, function, and embryologic development of the endocrine system
- 4. Describe the basic principles of metabolism and nutrition
- 5. Describe the structure, function, and embryologic development of the cardiovascular, pulmonary, and renal systems
- 6. Describe the structure, function, and embryologic development of the nervous system
- 7. Describe the basic principles of human behavior
- 8. Describe the structure, function, and embryologic development of the male and female reproductive systems

Describe the structure, function, and embryologic development of the integumentary and musculoskeletal systems

By graduation, students should be able to:

- Apply knowledge of the basic structure and function of organ systems to clinical medicine
- 11. Apply knowledge of basic embryology to clinical medicine

#### Objective 1c

To demonstrate knowledge of the pathogenesis and manifestations of clinical disorders

At the end of the preclinical phase, students should be able to:

- Identify the principal causes of disease: genetic, developmental, infectious, inflammatory, immunologic, traumatic, toxic, environmental, metabolic, degenerative, and neoplastic
- 2. Describe the principal manifestations of common medical conditions

By graduation, students should be able to:

- Apply knowledge of the principal pathogenic mechanisms to patient care
- 4. Apply knowledge of the clinical, laboratory, radiographic, and electrocardiographic manifestations of disease to patient care

## Objective 1d

To demonstrate knowledge of the utility, mechanisms of action, and adverse effects of commonly used drugs

At the end of the preclinical phase, students should be able to:

 Describe the utility, mechanisms of action, and adverse effects of commonly used drugs

By graduation, students should be able to:

2. Apply knowledge of pharmacology to patient care

# Objective 1e

To demonstrate knowledge of physical, cognitive, emotional, and social aspects of human development

At the end of the preclinical phase, students should be able to:

 Describe the physical, cognitive, emotional, and social dimensions of human development

By graduation, students should be able to:

2. Apply knowledge of human development to the care of patients

# Competency 2: Patient Care Objective 2a

To elicit a medical history and perform a physical examination

At the end of the preclinical phase, students should be able to:

- 1. Elicit a comprehensive and focused medical history
- 2. Perform a comprehensive and focused physical examination

By graduation, students should be able to:

- Elicit a medical history, including a psychiatric and obstetric history, from an adult patient in the hospital or clinic setting
- 4. Perform a physical exam, including mental status, neurologic, breast, and pelvic exam, on an adult patient in the hospital or clinic setting
- Perform an infant hip exam and a pediatric eye, ear/nose/throat, lymphatic, and male genitourinary exam

## **Objective 2b**

To interpret common diagnostic and screening tests

At the end of the preclinical phase, students should be able to:

 Interpret common laboratory, radiographic, electrocardiographic, and interventional tests

By graduation, students should be able to:

 Use the results of common laboratory, radiographic, electrocardiographic, and interventional tests for diagnostic and screening purposes

# **Objective 2c**

To create, prioritize, and justify a differential diagnosis

At the end of the preclinical phase, students should be able to:

- 1. Identify the chief presenting symptom in a standardized patient
- Establish a short, prioritized differential diagnosis based on information obtained from the medical history and physical examination
- Identify elements in the medical history and physical examination that support each item in the differential diagnosis

By graduation, students should be able to:

- 4. Identify all major symptoms experienced by a patient in the hospital or clinic setting
- Establish a detailed differential diagnosis for each symptom based on information obtained from the medical history, physical examination, and diagnostic tests
- Identify elements in the medical history, physical examination, and laboratory tests that support or detract from each item in the differential diagnosis

#### **Objective 2d**

To evaluate and manage common clinical conditions

At the end of the preclinical phase, students should be able to:

 Evaluate a set of common clinical presentations in case vignettes and standardized patients

By graduation, students should be able to:

- 2. Evaluate a wide array of clinical presentations in hospitalized and clinic patients
- 3. Diagnose and manage common clinical conditions seen in the inpatient and outpatient settings

# Objective 2e

To perform general procedures of a physician

At the end of the preclinical phase, students should be able to:

N/A

By graduation, students should be able to:

- 1. Gown and glove
- 2. Suture and tie knots in a simulated environment
- 3. Catheterize the urinary bladder in a simulated environment
- 4. Insert intravenous catheter in a simulated environment
- 5. Intubate and ventilate in a simulated environment
- 6. Perform Pap test
- 7. Insert a urinary bladder catheter in a patient
- 8. Perform suturing and knot-tying on a patient
- 9. Assist in placement of a nasogastric tube
- 10. Assist in placement of an intravenous line
- 11. Assist in surgical wound care

#### **Objective 2f**

To apply principles of health promotion and disease prevention to patient care

At the end of the preclinical phase, students should be able to:

 Describe the utility of each of the following in health promotion and disease prevention: risk assessment, behavioral modification, health screening, nutrition, exercise, weight management, family planning, and immunization

By graduation, students should be able to:

2. Apply the tools of health promotion and disease prevention to the care of children, adults, pregnant women, and the elderly

# Objective 2g

To describe and address common societal problems adversely affecting heath in Oklahoma

At the end of the preclinical phase, students should be able to:

- Describe strategies for preventing, diagnosing, and treating substance use disorder
- 2. Describe strategies for preventing, diagnosing, and treating obesity
- 3. Describe strategies for preventing, detecting, and addressing child abuse
- Describe strategies for preventing, detecting, and addressing elder abuse
- 5. Describe strategies for preventing and addressing teen pregnancy

By graduation, students should be able to:

- 6. Provide care to patients with substance use disorder
- 7. Provide care to patients with obesity
- 8. Provide care to victims of child abuse
- 9. Provide care to victims of elder abuse
- 10. Provide care to pregnant teens

## Objective 2h

To provide general care to diverse populations

By graduation, students should be able to:

- 1. Provide general care to inpatients and outpatients
- Provide general care to patients of diverse socioeconomic and cultural backgrounds
- Provide general care to patients with urgent and non-urgent presentations

# Competency 3: Communication Objective 3a

To use effective listening, observational, and communication techniques with patients and families in routine and cross-cultural settings

At the end of the preclinical phase, students should be able to:

- 1. Greet and establish rapport with patients
- 2. Pose open-ended questions
- 3. Use verbal and non-verbal facilitative behavior
- 4. Summarize details of a patient's medical history
- Properly transition from section to section of a patient's medical history
- 6. Listen actively
- 7. Encourage patient participation
- 8. Elicit patient's perspective regarding symptoms and problems
- Demonstrate patient-centered approach to care, including shared decision-making
- 10. Demonstrate empathy
- 11. Explore and validate patient's emotions
- 12. Avoid medical jargon
- 13. Allow patient to speak without interruption
- 14. Provide uncomplicated explanations and instructions
- 15. Assess patient comprehension

By graduation, students should be able to:

- Demonstrate all skills listed above in the care of hospitalized and clinic patients
- 17. Engage in age-appropriate communication with children
- 18. Address victims of domestic violence properly
- 19. Interact with individuals who have cognitive or behavioral problems
- 20. Communicate with victims of elder abuse
- 21. Deliver "bad news"

# Objective 3b

To deliver clear and accurate oral presentations

At the end of the preclinical phase, students should be able to:

- 1. Orally present a comprehensive history and physical (H&P)
- 2. Orally present an abbreviated SOAP report

By graduation, students should be able to:

- Present an accurate H&P and SOAP note on hospitalized and clinic patients
- Conduct an effective handover using the SBAR method of communication

# **Objective 3c**

To provide accurate and context-specific documentation of clinical encounters

At the end of the preclinical phase, students should be able to:

- 1. Write a comprehensive H&P
- 2. Write a SOAP progress note

By graduation, students should be able to:

- 3. Write an admission H&P and a SOAP-format progress note on a hospitalized and clinic patient
- 4. Write a patient handover note in SBAR format
- 5. Write a discharge summary
- Write a pre-operative, operative, and post-operative note on a hospitalized patient

# Competency 4: Professionalism Objective 4a

To demonstrate honesty, compassion, and responsiveness to patient needs

At the end of the preclinical phase, students should be able to:

- Identify the following attributes on the College of Medicine's list of approved attributes: honesty and integrity; care and compassion; courtesy and respect; and cultural sensitivity and humility
- 2. Demonstrate these attributes with standardized and "real" patients

By graduation, students should be able to:

3. Demonstrate the attributes listed in 4.1.1 when caring for patients in all professional settings

#### **Objective 4b**

To demonstrate integrity, reliability, and accountability in professional endeavors

At the end of the preclinical phase, students should be able to:

- Identify the College of Medicine's list of approved attributes including accountability and responsibility; punctuality; professional appearance; attentiveness and participation; accuracy of representation of clinical findings; commitment to self-improvement and accepting feedback; and admission of mistakes and error
- 2. Demonstrate these attributes with standardized and "real" patients

By graduation, students should be able to:

3. Demonstrate the attributes listed in 4.2.1 in all professional settings

## **Objective 4c**

To demonstrate commitment to ethical principles by respecting patient autonomy and seeking the patient's best interest

At the end of the preclinical phase, students should be able to:

- Identify the following principles of medical ethics: privacy and confidentiality involving patients and medical records; patient autonomy; recognition and avoidance of conflicts of interest; admission of mistakes and errors
- Uphold these principles when caring for standardized and "real" patients

By graduation, students should be able to:

3. Uphold the principles listed in 4.3.1 when caring for patients in all professional settings

## **Objective 4d**

To demonstrate cultural sensitivity, recognize personal biases, identify demographic influences on health care quality, and suggest strategies to reduce health disparities

At the end of the preclinical phase, students should be able to:

- 1. Explain the role of cultural humility in health care
- Describe the consequences of bias, discrimination, racism, and stereotyping
- 3. Elicit a social and cultural history
- 4. Demonstrate cultural sensitivity

By graduation, students should be able to:

- 5. Engage in cross-cultural communication and negotiation
- 6. Identify demographic influences on health care quality
- 7. Suggest strategies to reduce health disparities
- 8. Recognize personal biases

# Competency 5: Practice-based Learning Objective 5a

To demonstrate the ability to evaluate the medical literature and apply information to the diagnosis, treatment, and prevention of disease

At the end of the preclinical phase, students should be able to:

- 1. Describe the basic principles of biostatistics
- 2. Describe the basic principles of study design
- Apply principles of evidence-based medicine to scientific or clinical questions

By graduation, students should be able to:

4. Write a well-built clinical question pertaining to an assigned patient, conduct a literature search, find an appropriate article, appraise the article, and use the appraisal to answer the clinical question

# **Objective 5b**

To identify and address personal strengths and weaknesses, respond appropriately to feedback, and seek help and advice when needed

At the end of the preclinical phase, students should be able to:

- Demonstrate understanding that everyone has shortcomings in one or more spheres – cognitive, physical, behavioral, emotional, and moral – and that deficiencies in any sphere may impact the provision of healthcare
- 2. Demonstrate understanding that constructive criticism and feedback are beneficial and not punitive
- Demonstrate understanding that self-analysis with an eye toward identifying and correcting weaknesses is an essential skill for physicians-in-training

By graduation, students should be able to:

- 4. Ask peers and instructors questions about patient care
- 5. Request feedback on one's own clinical performance
- 6. If feedback is too general, ask about performance on specific tasks

- 7. Use feedback to improve performance
- 8. If unsure how to improve performance, ask for recommendations

## **Objective 5c**

To engage in self-directed learning as a foundation for life-long learning

At the end of the preclinical phase, students should be able to:

 Self-assess learning needs; identify, analyze, and synthesize relevant information; appraise the credibility of information sources

By graduation, students should be able to:

Engage in self-directed learning as a routine part of evaluating patients

# Competency 6: Systems-based Practice Objective 6a

To integrate the unique and complementary abilities of other health professionals and collaborate as a member of an interprofessional team

At the end of the preclinical phase, students should be able to:

- Identify the four collaborative practice competency domains established by the Interprofessional Education Collaborative: values and ethics; roles and responsibilities; communication; and teamwork
- Communicate with peers from other healthcare disciplines about their educational background, their reasons for choosing a particular discipline, their daily responsibilities, and the role their discipline plays in the overall provision of healthcare
- Engage with peers from other healthcare disciplines in shared patient-centered problemsolving

By graduation, students should be able to:

- 4. Describe the roles and responsibilities of non-physician health professionals on the healthcare team
- 5. Contribute to a climate of mutual respect when interacting with nonphysician health professionals
- 6. Include team members in relevant information exchange
- 7. Collaborate as a member of an interprofessional team

# **Objective 6b**

To explain the principles of quality improvement and contribute to a culture that promotes patient safety

At the end of the preclinical phase, students should be able to:

- 1. Describe the principles of quality improvement
- 2. Identify factors that contribute to "danger" in the healthcare setting
- 3. Identify common types of medical error and strategies to reduce errors
- Describe the relationship between complexity and error, and explain the role of standardization and simplification in patient safety

By graduation, students should be able to:

- Routinely engage in practices that promote patient safety, including handwashing and adherence to standard and transmission-based precautions
- Describe the role of the hospital's Quality Improvement Committee (or equivalent) in advancing patient safety

7. Notify the attending physician or other appropriate authority when an event that compromises patient safety is witnessed