

Clinical Rotation Learning Outcomes

INTERNAL MEDICINE



GENERAL GUIDELINES

Under the guidance of experienced providers, clinical rotations provide a PA student with opportunities to actively participate in direct patient care in the role of a developing practitioner. When appropriate, students are expected to demonstrate clinical skills and take part in relevant procedures with minimal reliance on observational experiences.

Orientation

Preceptors are encouraged to provide a brief orientation prior to or within the first few days of the rotation, including expectations, workflow, documentation requirements, and opportunities for student involvement. Students should be invited to share a few personal goals and/or questions at the start of the experience to help clarify expectations and promote a productive learning environment.

Mid-Rotation Evaluation (Formative, Ungraded)

Preceptors are encouraged to complete a brief mid-rotation evaluation that is sent to your email to provide formative feedback on student performance. This evaluation is not graded and is intended to identify areas for growth and allow the program and preceptor to address issues proactively, provide coaching, and support the student's development.

Preceptors are encouraged to provide timely, direct feedback throughout the rotation to allow students the opportunity to adjust, improve, and further develop their clinical skills.

End-of-Rotation Evaluation (Summative)

At the conclusion of each rotation, preceptors are asked to complete an end-of-rotation evaluation that is sent to your email of the student. This evaluation helps the program assess student progress, attainment of learning outcomes and objectives, and readiness for increasing clinical responsibility.

The following outcomes align with the end-of-rotation evaluation.

Preceptors are encouraged to provide honest, constructive, and specific feedback to support student growth and professional development. While students receive a grade based in part on this evaluation, constructive and coachable feedback does not typically negatively impact a student's overall grade.

INTERNAL MEDICINE EXPERIENCES

Outcome 1: Chronic Disease Management

Demonstrate competency in the longitudinal management of chronic disease by (a) assessing adult patients with one or more chronic condition, (b) selecting and interpreting diagnostic and laboratory tests, and (c) managing chronic diseases such as hypertension, diabetes, etc.

Outcome 2: Address Acute Conditions

Demonstrate the ability to identify and initiate management of acute medical issues in adult patients, and appropriately communicate findings when referral, consultation, or escalation of care is indicated.

PATIENT CARE

Outcome 1: History and Physical Exam

Obtain a comprehensive and focused patient history and perform a complete and system-specific physical examination within an appropriate amount of time.

Outcome 2: Patient Populations

Develop competency in delivering patient-centered care across the lifespan by evaluating, diagnosing, and managing adults presenting with a broad spectrum of health concerns, including chronic and emergent care.

Outcome 3: Upper-Level Involvement in Patient Care

Demonstrate upper-level involvement in at least 30% of patient encounters, defined as follows:

- a. **HxPE, Significant A&P Attempt:** The student performs a thorough and relevant history and physical examination and formulates an initial assessment and plan but requires guidance or correction by the preceptor for completeness, relevance, or accuracy.
- b. **HxPE, Extensive & Accurate A&P:** The student performs a thorough and relevant history and physical examination and independently formulates an accurate assessment and plan with little or no guidance from the preceptor.

MEDICAL KNOWLEDGE

Outcome 1: Diagnostic and Laboratory Studies

Determine the appropriate use of diagnostic and laboratory studies and interpret and explain results.

Outcome 2: Differential Diagnosis

Synthesize findings from patient history, physical exam findings, and diagnostic data to develop a broad differential diagnosis and present the case clearly and concisely to their preceptor.

Outcome 3: Most Likely Diagnosis

Apply clinical reasoning and medical knowledge to analyze patient history, physical exam findings, and diagnostic data to formulate and justify an evidence-based most likely diagnosis.

Outcome 4: Clinical Interventions

Determine appropriate evidence-based clinical interventions including treatment, pharmacotherapy, patient education, follow-up, consultation, and referrals as appropriate.

COMMUNICATION

Outcome 1: Preventive Care and Health Maintenance

Effectively communicate patient-centered education on disease prevention and health maintenance, tailoring recommendations to the patient's age, risk factors, and health literacy, and incorporating current evidence-based guidelines to promote long-term wellness and treatment adherence.

Outcome 2: Interpersonal and Interprofessional Communication

Demonstrate effective interpersonal and interprofessional communication within the clinical setting by building rapport with patients, actively listening, navigating sensitive conversations, and collaborating respectfully with members of the healthcare team to support high-quality patient care.

Outcome 3: Oral Presentation

Deliver clear, organized, and concise oral presentations of patient cases, including pertinent history, physical exam findings, assessment, and plan, while responding appropriately to questions and feedback.

Outcome 4: Chronic Care Case Documentation

Document an acute care case note based on a real patient encounter during the rotation, incorporating patient-specific risk factors, age-appropriate screening recommendations, health maintenance needs, and evidence-based chronic care guidelines. This assignment will be submitted to the PA program.