Internal Medicine - Advanced
Course ID: MED 997AZ
Discipline: Medicine
Prerequisites: Hospital Medicine Clerkship
Available Sites: Saginaw
Duration: 2 or 4 weeks

Rationale for Elective
The purpose of the Internal Medicine rotation is to prepare the student to recognize and treat commonly encountered problems in Internal Medicine clinic and to become familiar with diagnostic work up and management of medical disorders in the outpatient setting.

Clinical Learning Objectives
1. To increase the student’s fundamental knowledge and office base in Internal Medicine.
2. To introduce the student to the work up and diagnosis of disorders commonly encountered in the Internal Medicine clinic and some Internal Medicine subspecialty clinics.
3. To introduce the student to the pharmacologic and other types of treatments used to manage and treat those disorders.

CMED Competency Based Objectives
Medical Knowledge - Students must demonstrate knowledge regarding clinical, and cognitive (epidemiologic and social/behavioral) sciences and the application of this knowledge.
   • To learn the clinical features, physiology and treatment of common internal medicine disorders, such as coronary artery disease, hypertension, chronic obstructive pulmonary disease (COPD), diabetes mellitus, chronic kidney disease, electrolyte disorders, and infections.
   • To learn the rationale and basics of diagnostic testing to diagnose medical disorders.
   • To learn the action and pharmacology of common medications used to treat medical disorders as well as the role of non-pharmacologic treatments for various medical disorders, including, diabetic medications, antihypertensive medications, antibiotics, and medications used for heart disease and COPD.

Patient Care - Students must provide patient-centered, individualized care that is compassionate and effective for the treatment of health problems and the promotion of health.
   • To be able to complete a comprehensive internal medicine history and physical
   • To describe the key elements of managing common internal medicine disorders
   • To be able to interpret basic laboratory testing for common internal medicine disorders
   • To observe and gain experience in interpreting radiologic imaging for common internal medicine disorders.

Practice-Based Learning and Improvement - Students must investigate and evaluate their patient care practices, appraise and assimilate scientific evidence, and improve their patient care practices in the office-based setting.
   • Exhibit self-directed learning with respect to internal medicine disorders
   • Set learning and improvement goals for internal medicine related patient care
System-Based Knowledge - Students must demonstrate an awareness of and responsiveness to the larger context and system of healthcare and the ability to effectively call on systems resources to provide standard of care.

- Incorporate considerations of cost effectiveness into diagnostic and therapeutic plans of care.

Interpersonal and Communication Skills - Students must be able to demonstrate interpersonal and communication skills that result in effective information exchange and collaboration with patients and the people who are significant to them (spouses, caregivers, family, trusted friends, significant others, etc.) and with professional colleagues.

- Communicating with other health care staff and consultants involved in the care of internal medicine patients.
- Communicate effectively with patients and their families

Professionalism - Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.

- Demonstrate respect and compassion for all patients
- Demonstrate a commitment to professional responsibilities and adherence to ethical principles

Upon completion of the clerkship, the student will be able to

- Acknowledge his/her learning deficits
- Acknowledge the contribution of all health care professionals for the provision of health care
- Advocate for the interest of the patient over his/her own interests and/or beliefs
- Advocate for access to health care for underserved populations
- Treat all patients with compassion
- Respect the privacy and dignity of all patients and families
- Uphold honesty and integrity in all professional interactions
- Make ethical decision for patient care
- Present his/herself in a manner which inspires patient and team confidence – to include appropriate dress, appearance, behavior and attitude

Instructional Method(s)

- One on one instruction from the attending.
- Attending directed reading assignments
- Self-directed reading

Orientation to Elective

Students will be given orientation by the internal medicine attending on the first day of the rotation.

Method(s) for Assessing Learner

At the conclusion of the rotation, the student will be assessed using the CMU College of Medicine standard elective assessment form.
Method(s) of evaluating elective
The CMED Standardized Clerkship Evaluation will be completed at the conclusion of the elective. Results will be compiled, and feedback provided to elective faculty on an annual basis.

Proposed Faculty / Total Learner Capacity
One student per available block.

Required/Recommended Resources
Harrison’s Textbook of Internal Medicine
IM Essentials
Up to Date
PubMed.gov
  US National Library of Medicine National Institute of Health