



## IMED 610 Pulmonary Medicine

### **Elective Description**

This elective provides a broad experience in pulmonary medicine and underscores the basic pathophysiology of diseases. It encompasses inpatient consultations, outpatients, and critical care assessment and management.

Credit: 2-4 semester credits

Prerequisite: IMED 500

### **Entrustable Professional Activities**

As a fourth-year student, the focus of skills development are those tasks important for entering residency training:

- Gather a history and perform a physical exam
- Prioritize a differential diagnosis following a clinical encounter
- Recommend and interpret common diagnostic and screening tests
- Enter and discuss orders and prescriptions
- Document a clinical encounter in the patient record
- Provide an oral presentation of a clinical encounter
- Form clinical questions and retrieve evidence to advance patient care
- Give or receive a patient handover to transition care responsibility
- Collaborate as a member of an inter-professional team
- Recognize a patient requiring urgent or emergent care and initiate evaluation and management
- Obtain informed consent for tests and/or procedures
- Perform general procedures of a physician
- Identify systems failures and contribute to a culture of safety and improvement

### **General Clerkship Objectives**

#### Patient Care

- Know how to take a good history (dyspnea, cough, wheezing, hemoptysis, exposures, etc.) and to do a good physical exam (breath sounds, pleural friction rub, respiratory patterns).
- Understand pathophysiology and principles of treatment for pneumonia, lung abscess, respiratory failure, COPD, asthma, ARDS, cor pulmonale, CTD.
- Become familiar with procedures such as pulmonary function testing, bronchoscopy, chest tube, thoracentesis, sputum gram stains. Know how to analyze pleural fluid – exudate/transudate. Know how and when to intubate a patient and how to manage uncomplicated respiratory failure. Be familiar with pulmonary function testing.

#### Interpersonal and Communication Skills

- Demonstrate caring and respectful behaviors when interacting with patients.
- Demonstrate cultural sensitivity

- Communicate clearly with patients, caregivers, nursing staff, and others with early implementation of discharge planning

#### Professionalism

- Communicate respectfully with patients who do not fully adhere to their treatment plan.
- Apply ethical principles including patient autonomy, privacy, and confidentiality.
- Demonstrate self-knowledge, recognize limits of knowledge/experience and seek help appropriately.
- Demonstrate commitment to professional responsibilities and sensitivity to a diverse patient population

#### Practice-Based Learning

- Adopt a health maintenance and preventive care approach to smoking cessation, immunizations, rehabilitation.

#### Systems-based Practice

- Discuss the importance of a cost-effective approach to the diagnostic work-up.

### **REQUIRED TEXTBOOKS**

Des Jardins T, GG Burton. 2016. *Clinical Manifestations and Assessment of Respiratory Disease*, 7<sup>th</sup> edition. Elsevier.

### **Evaluation**

The evaluation will include the entrustable professional activities. The clerkship preceptor will evaluate those relevant to this clerkship experience.

### **GRADES**

This elective is graded Satisfactory/Unsatisfactory.

### **POLICIES**

#### **ACADEMIC DISHONESTY**

The University holds its students to the highest standards of intellectual integrity. Therefore, the attempt of any student to pass any examination by improper means, present work which the student has not performed or aid and abet a student in any dishonest act may result in disciplinary action including immediate dismissal. Any student witnessing or observing a perceived violation of academic dishonesty is required to report it as outlined in the Guidelines. Students failing to report an observed violation may also receive disciplinary action.

#### **ATTENDANCE POLICIES**

Attendance of lectures and laboratories is based on the University's stated attendance policy. Refer to the Student handbook for more information.

#### **CONDUCT**

The University expects all students to be responsible individuals who possess the highest standards of integrity, honesty and personal conduct. These traits are prerequisites to independent learning, professional development, the successful performance of academic and clinical assignments, and the conduct of one's personal life. Accordingly, students are expected to adhere to a standard of behavior consistent with the University's high standards at all times off and on campus. Compliance with institutional rules and regulations, in addition to city, state and federal laws, is expected.

**COPYRIGHT POLICY**

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**DRESS CODE**

All students are expected to maintain the highest standards of professional appearance at all times. During years one and two and while on campus. Medical students are required to wear scrubs or white coats with appropriate dress. Appropriate dress for clinical students includes business slacks with open-collar shirt for men, and business slacks or skirt with professional shirt or sweater for women.

**Trinity School of Medicine Faculty Contact Information**

Marc Zubrow, MD [mzubrow@trinityschoolofmedicine.org](mailto:mzubrow@trinityschoolofmedicine.org)