



## IMED 601/601s Cardiology

### **Elective Description**

This elective clerkship provides the student with clinical exposure, observation and training to further their understanding of cardiology. Students focus on the basic care, treatment and diagnosis of cardiovascular illnesses in the adult patient to prepare for more advanced study of the discipline. Training emphasizes physician awareness, assessment, treatment, and acknowledgement of cardiovascular conditions.

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

- Learn how to take a good history, ie, dyspnea, orthopnea, chest pain claudication, and to do a focused physical examination, ie, heart sounds, gallops, edema, crackles.
- Understand pathophysiology and principles of treatment for heart failure, cardiogenic shock, arrhythmias, angina, infarction, valvular heart disease, hypertension, cardiomyopathies, and pulmonary embolus. Develop sound fundamentals of care in the ICU, learning to monitor arrhythmias and hemodynamics of critically ill patients.
- Be familiar with life style changes and preventive care, including weight reduction, low fat diet, smoking cessation, exercise, and prescription drugs.

## REQUIRED TEXTBOOKS

Harrison's Textbook of Internal Medicine

## Recommend Resource

Dubin, D. Rapid Interpretation of EKGs. <http://www.themdsite.com/index.html>

ECG Library: <https://ecglibrary.com/ecghome.php>

## Sub-Internship

This elective may be taken as a sub-internship after completing IMED 601. The minimal expectations for a sub-internship elective:

- An inpatient rotation that gives the sub-intern primary responsibility for providing care
- Be developmental, consolidating and refining the knowledge and skills acquired during core clerkships
- Insure increased responsibility in the evaluation and management of acutely ill, hospitalized patients in directly supervised patient-care settings
- Promote development of effective inter-professional teamwork and communication Skills

The sub-internship must contain rigorous expectations that define:

- Level of supervision
- Duty-hour regulations and clinical workload typical of an intern
- Care transitions and cross-coverage responsibilities
- Access to EHRs
- Opportunities for evidence-based, high value care practice

*Prerequisite:* IMED 601

## 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**

Trinity Medical Sciences University must respect and observe the right and privileges of copyright holders, obey the United States Copyright Act and preserve the integrity of its internal network systems. All students must sign the technology and software use policy. A copy of this policy may be obtained from the Information and Technology Department.

## **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**

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