

# 2020-2021 Catalog

## Cardiology Inpatient And Consultative Services - Jacksonville

MED E 1J | 4th Year Elective | Internal Medicine | Clinical Science

MDT 7200

### Prerequisites

4th year medical student

### Course Description

This elective involves rounding on the inpatient Cardiology Consultative service with the house-staff assigned to that rotation. This will generally consist of an internal medicine resident, a cardiology fellow and the attending physician in charge. Pre-rounds usually occur prior to meeting with the attending physician who will determine the exact hour to officially go over consults that have been pre-evaluated by the team (student, resident, fellow). Usually consults that come overnight are seen early in the am – time, order and distribution of these patients is determined by the Cardiology fellow who leads this pre-rounding.

### Course Faculty and Staff

- [Liz Cowart](#) (Unknown)
- [Elisa Sottile](#) (Unknown)
- [Gladys Velarde MD](#) (Director)
- [Dani Brown](#) (Course Staff)
- [Amber McRae](#) (Course Staff)
- [Frank J Genuardi MD, MPH](#) (Other Faculty)
- [Fabiana Rollini MD](#) (Other Faculty)
- [Franchi Francesco MD](#) (Other Faculty)

### Meeting Place and Time

On the first day of the rotation, please report to the Cardiology Lobby located on the 5th Floor, ACC Building at 8:30am

### Course Materials

Texts recommended

Rapid Interpretation of EKGs by Dale Dubin

Braunwalds Heart Disease; 8th ed A Textbook of Cardiovascular Medicine

Additional Educational Materials: May be obtained from The Borland Medical Library and other in house permissible educational sites.

### **Additional Information**

Before & during the elective, contact Ms. Amber McRae @ 904-244-3066 or Amber.McRae@jax.ufl.edu, for assistance.

At the end of a 4 week-rotation, a 4th year medical student should be able to do the following:

1. Interpret a 12 lead ECG in a systematic way and be able to identify rhythm, axis, intervals and basic abnormalities
2. Interpret basic CXR in a systematic way and able to recognize cardiovascular landmarks
3. Interpret basic rhythms on telemetry monitoring
4. Be able to conduct a throughout physical exam with emphasis on the cardiovascular system and identification of normal vs abnormal cardiac sounds.
5. Evaluate consultations that come to the consultative service and able to generate a concise consultative report based on chief complaint, H and P, objective data , physical exam with emphasis on cardiovascular system and cardiac findings
6. Formulate differential diagnosis based on objective and subjective data
7. Present findings and differential diagnosis to the members of the team independently

### **Conferences:**

Medical students rotating in either of the cardiology electives are required to attend all core conferences offered to cardiology fellows in the Department of Cardiology. You can get weekly schedule of conferences from Cardiology Program Coordinator, Amber McRae. Students are also required to attend Monday Morning Report, which occurs on Mondays at 7:45 am, Unless otherwise noted on the conference schedule. Additionally, medical students are encouraged to attend other didactic sessions in EP, interventional cardiology or echocardiography as their schedule permits.

### **Evaluations:**

Medical students in the cardiology rotations will be evaluated by the house staff they worked under and the attending physician who was in charge of the team at the time.

Grading: Pass or Fail options

### **Classes Offered**

<b>Period</b>	<b>Length</b>	<b>Credits</b>	<b>(Avail / Max) Slots</b>
Period 1	4 Weeks (May 11 - Jun 6)	4	(1 / 1)

<b>Period</b>	<b>Length</b>	<b>Credits</b>	<b>(Avail / Max) Slots</b>
Period 2	4 Weeks (Jun 7 - Jul 4)	4	(1 / 1)
Period 3	4 Weeks (Jul 5 - Aug 1)	4	(1 / 1)
Period 4	4 Weeks (Aug 2 - Aug 29)	4	(1 / 1)
Period 5	4 Weeks (Aug 30 - Sep 26)	4	(1 / 1)
Period 6	4 Weeks (Sep 27 - Oct 24)	4	(1 / 1)
Period 7	4 Weeks (Oct 25 - Nov 21)	4	(1 / 1)
Period 8	4 Weeks (Nov 22 - Dec 18)	4	(1 / 1)
Period 9	4 Weeks (Jan 4 - Jan 30)	4	(1 / 1)
Period 10	4 Weeks (Jan 31 - Feb 27)	4	(1 / 1)
Period 11	4 Weeks (Feb 28 - Mar 27)	4	(1 / 1)
Period 12	4 Weeks (Mar 28 - Apr 24)	4	(1 / 1)
Period 13	4 Weeks (Apr 25 - May 14)	4	(1 / 1)

### **Evaluated Competencies**

**#1 Professionalism**

**Educational Objectives:** Demonstrates respect for patients; families; and members of the health care team. Demonstrates an attitude of caring. Preserves patient confidentiality; and demonstrates knowledge about HIPAA regulations. Demonstrates timeliness.

**Method of Evaluation:** Faculty observation and feedback from residents

## #2 Patient Care

**Educational Objectives:** Conducts efficient; comprehensive; medical interviews and physical examinations; and records accurate information. Integrates information from medical history and physical examination into coherent problem list/differential diagnosis; and uses this information to determine cost-effective test ordering. Appropriately interprets diagnostic test results. Formulates appropriate management plans and writes orders. Presents clear and concise patient information during rounds/clinic. Writes progress notes using SOAP format. Seeks opportunities to perform appropriate medical procedures (e.g. peripheral venous access; central venous access; arterial blood gas).

**Method of Evaluation:** Faculty observation during attending rounds/procedures and feedback from residents. Mini-CEX.

## #3 Medical Knowledge

**Educational Objectives:** To learn preoperative assessment and risk assessment for patients undergoing noncardiac surgery. To learn the principles; indications; and limitations of noninvasive testing. To understand the principles of cardiac care during pregnancy; in the postoperative patient; and in the elderly. To develop basic skills in ECG interpretation. To learn differential diagnosis and evidence-based care in chronic heart failure. To learn the pathophysiology; assessment; and treatment of chronic valvular heart disease. To develop a diagnostic and evidence-based approach to chronic coronary artery disease. To learn the differential diagnosis; mechanisms; and evaluation and treatment options for chronic tachyarrhythmias and bradyarrhythmias.

**Method of Evaluation:** Faculty observation during attending rounds and feedback from residents.

## #4 Practice-Based Learning

**Educational Objectives:** Regularly identifies gaps in knowledge and seek answers to those questions from current medical literature. Demonstrates skills in principles of evidence-based medicine and ability to critically appraise available evidence. Shares results of knowledge discovered with their team. Self-evaluates effectiveness of care provided to their patients.

**Method of Evaluation:** Faculty observation during attending rounds and feedback from residents.

## #5 Interpersonal and Communication Skills

**Educational Objectives:** Interacts with patients; family members; and colleagues in a manner that engenders confidence; trust; and cooperation. Uses open-ended questions and demonstrates active listening in patient interactions. Works well as a team member.

**Method of Evaluation:** Faculty observation during attending rounds; and feedback from patients; family members; and residents.

#### #6 Systems-Based Practice

**Educational Objectives:** Demonstrates an awareness of resources (e.g. social support; educational; financial; access to care; etc.) needed by patients to effectively maintain health and manage disease.

**Method of Evaluation:** Faculty observation during attending rounds and feedback from residents