

Name of rotation: Clinical Cardiology Consultation **Division:** Cardiology

Course Director: Gary Plotnick, M.D. **Site(s):** UMMC & VA

Duration of rotation: one month only
 2 weeks possible

General description of the rotation including educational purpose, rationale or value:

The resident is an integral part of the Cardiology Consultation Team (consisting of an attending physician, cardiology fellow and up to three medical students). Daily rounds with the team emphasize history taking, cardiac physical examination and interpretation of laboratory tests, including invasive and non-invasive cardiac procedures. Additional exposure to outpatient cardiology practice and consultation is provided for at least one-half day per week with a one to one tutorial mode. Issues of outpatient care and follow-ups including inpatient cost and access to care issues are emphasized. Supervised EKG reading will be an integral part of the rotation.

Resident responsibilities, including interns and residents:

The resident will be responsible for the initial evaluation and daily follow-up of a subgroup of patients on the medical and non-medical services. In addition to attendance at their own regular continuity care clinic, each resident receives additional exposure to cardiology subspecialty outpatient care working in a practice setting with one of the full time cardiology attendings (at least 2 half-days each week).

Educational Objectives: An expanded version of the competencies is listed under Core Competencies in Internal Medicine. Those listed here are specific to this rotation. Since residents may choose this elective during any year of training, PGY-1 goals and objectives are distinct for those for upper level residents, and PGY-2 and 3 goals and objectives are similar.

During this rotation, the PGY-1 resident will:

Patient Care

1. Be exposed to a large variety of inpatient cardiology patients and a selected group of outpatient cardiology patients.

Medical Knowledge

1. Improve patient bedside skills in cardiac history taking and physical examination.
2. Improve the ability to interpret laboratory studies (EKG interpretation particularly stressed).

Practice-Based Learning - See Core Competencies

Interpersonal and Communication Skills – See Core Competencies

Professionalism – See Core Competencies

System-Based Practice

1. Understand better the role of the cardiac consultant.
2. Understand the nature and considerations involved in outpatient follow-up of patients with complex cardiac disease.

During this rotation, the PGY-2 or 3 resident will:

Patient Care

1. Initiate evaluation and management on a large variety of inpatient cardiology patients and a selected group of outpatient cardiology patients.

Medical Knowledge

1. Solidify patient bedside skills in cardiac history taking and physical examination.
2. Interpret laboratory studies (EKG interpretation particularly stress tests).

Practice-Based Learning - See Core Competencies

Interpersonal and Communication Skills – See Core Competencies

Professionalism – See Core Competencies

System-Based Practice

1. Assume the role of the cardiac consultant.
2. Understand the nature and considerations involved in outpatient follow-up of patients with complex cardiac disease.

Check all principle teaching methods used during this rotation:

- | | | | |
|-------------------------------------|--------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Attending teaching rounds | <input type="checkbox"/> | Interdisciplinary rounds |
| <input checked="" type="checkbox"/> | Patient management discussions | <input checked="" type="checkbox"/> | Small group discussions |
| <input checked="" type="checkbox"/> | Conferences specific to rotation | <input checked="" type="checkbox"/> | Bedside clinical rounds |
| <input type="checkbox"/> | Individual instruction of procedures | <input checked="" type="checkbox"/> | Review of diagnostic studies including radiology |
| <input checked="" type="checkbox"/> | Other: Practice EKG's | | |
| <input checked="" type="checkbox"/> | Other: Clinical practice sessions | | |

Describe the most important educational content, including the mix of diseases, patient characteristics, types of clinical encounters, procedures and services:

Encounters a wide mix of patients in a consultation role from the medical, surgical, psychiatric, and shock trauma units, etc. Involved in decision making in the Chest Pain Emergency Room. Practice EKG's are provided and small group sessions in EKG interpretation with Dr. Plotnick three times a week.

Check the principal ancillary education materials used:

- | | | | |
|--------------------------|-----------------------------|-------------------------------------|------------------------------|
| <input type="checkbox"/> | Reading lists | <input type="checkbox"/> | Pathologic material |
| <input type="checkbox"/> | Radiologic studies | <input checked="" type="checkbox"/> | Other noninvasive studies |
| <input type="checkbox"/> | Handouts on relevant topics | <input checked="" type="checkbox"/> | Articles from the literature |
| <input type="checkbox"/> | Other: _____ | <input type="checkbox"/> | Case studies |

Methods used to evaluate the resident and the rotation:

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Evaluation of residency performance and professionalism |
| <input checked="" type="checkbox"/> | Evaluation of attending teaching skills and other attributes |
| <input checked="" type="checkbox"/> | Rotation assessment by resident |
| <input checked="" type="checkbox"/> | Observation of resident's clinical competency |
| <input checked="" type="checkbox"/> | Observation of resident's leadership and teaching skills |
| <input checked="" type="checkbox"/> | Review of the resident's history/physical exam, progress notes and documentation of procedures in the chart |
| <input checked="" type="checkbox"/> | Resident's attendance of rounds and conferences monitored |
| <input type="checkbox"/> | Other: _____ |

Identify strengths and limitations specific to the resources of the sponsoring institution:

Strengths: Wide variety of patients and diseases. Exposure to formal EKG instruction.

Limitations: Geographic demands of patient follow-up in multiple units and buildings.

Conferences or Attending/Patient Care Rounds: (Journal club, division rounds, etc.)

<u>Name</u>	<u>Location</u>	<u>Day</u>	<u>Time</u>
EKG Conference	Gudelsky	2nd & 4th Monday	12:00 noon
Echo Conference	Gudelsky	Tuesday	1:00 pm
Cardiology Grand Rounds	Borges	Thursday	12:00 noon
Nuclear/MRI Conference	Nuclear Med	Every other Thursday	8:00 am
EPS Conference	Borges	Once a month	8:00 am
Cardiology Clinic Conf	Borges	Wednesday	8:00 am

Clinics:

Cardiology	VAMC	Wednesday	pm
Pacemaker	VAMC	Tuesday	am

The resident and faculty members of the Postgraduate Education Committee reviewed and edited the content of this curriculum at its meeting on 7/18/07.