

ROTATION SUMMARY

ROTATION: Cardiology Consult Service Elective

EDUCATIONAL PURPOSE:

- Provide house staff with an intensive experience with the full range of cardiovascular diseases, as well as an improved understanding of pathophysiology, diagnostic testing and management appropriate to the general and cardiovascular physician. Both inpatient and outpatient experience will be provided.
- To develop skills in history intake and physical examination in order to elucidate the problem and to devise a diagnostic and management strategy.
- Experience procedural activities such as echocardiography, non-invasive testing including stress echo and nuclear testing; coronary angiography and intervention; electrophysiology and intervention.
- To develop proficiency in electrocardiography.
- To use clinical experiences to stimulate expansion of medical knowledge and clinical skills.

Competency – Based Objectives

1. Patient Care

By active participation in patient care, the learner will be able to recognize and define the etiology, pathogenesis, clinical presentation and natural history of a broad range of cardiovascular illnesses. The learner will demonstrate compassionate, appropriate, and effective treatments for these health problems, and will promote efforts for future preventive measures.

2. Medical Knowledge

The learner will demonstrate the ability to expand their knowledge base with respect to a broad range of cardiovascular diseases. In addition, the learner will develop attitudes and skills needed for continued self-education to further their understanding of standard and investigational therapeutic modalities.

3. Practice Based Learning

The learner will develop skills in data-driven approaches to the clinical practice of cardiology. This will include retrospective analysis of clinical cases in an effort to apply new knowledge to future clinical scenarios.

4. Interpersonal and Professional Communication Skills

The learner will demonstrate the ability to effectively communicate with patients, families, ancillary staff, peers, and faculty. Emphasis will be placed on the development of effective strategies for dealing with difficult situations including end-of-life decisions, giving bad news, and conflicts with other providers.

5. Professionalism

The learner will demonstrate behaviors that reflect a commitment to continuous professional development, ethical practice, and a responsible attitude towards patients, the profession, and society.

6. Systems – Based Practice

The learner will demonstrate the ability to use systems – based resources to provide care that is of optimal value. In addition, the learner will be encouraged to suggest possible improvements in systems that might affect better patient outcomes.

TEACHING METHODS: DISEASE MIX:

- Attending and cardiac fellow driven informative feedback based upon observation of Student/resident skills on a frequent basis.
- Formal attending rounds along with cardiac fellow approximately 15 hours per week, such as; a) bedside teaching, b) case based discussions, c) didactic sessions (please see core curriculum). Students and residents as well as cardiac fellows will be expected to present a topic related to a patient or patients that they have assessed, such as but not limited to, treatment of acute coronary syndrome; pre-operative assessment and testing; anticoagulant management; indications for coronary angiography, etc.

b. Mix of Diseases

- Hypertension
- Congestive heart failure
- Coronary disease
- Valvular disease
- Congenital heart disease
- Cardiac disease complicating systemic disease

PATIENT CHARACTERISTICS:

- Young adults to elderly
- Referral based population
- Community based primary care population
- Pre and post-operative surgical patients

- Multi-ethnic, multi-cultural patient base

TYPES OF ENCOUNTERS:

- Initial history and physical exam regarding consultative assessment
- Plan for assessment and care as well as follow-up
- Urgent / emergent evaluations of general medical, sub-specialty medical and surgical patients.
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- Attendance and observation of various non-invasive and invasive procedures.

PROCEDURES:

- No diagnostic procedures will be performed by house staff during this rotation.

READING MATERIALS:

- Reading materials, case based reading as self stimulated, directed by teaching attending.

EDUCATIONAL RESOURCES:

- Standard text for up-to-date data base
- Ovid/Medline literature search on line
- Medical College of Libraries
- Medical School Library
- Online American College of Cardiology
- Bibliography attached

METHODS OF EVALUATION:

- Direct observation with informative feedback
- Evaluation by using E*Value
- End of rotation verbal evaluation of performance

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