# Fourth Year Elective Title
**Cardiology**

<table>
<thead>
<tr>
<th><strong>Elective Director</strong></th>
<th><strong>Elective Faculty</strong></th>
<th><strong>Elective Contact</strong></th>
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## Blocks Available
- **All**

## Duration/Weeks
- **Min 3; Max 4**

## Hours per Week
- **40**

## Students
- **Max 3**

## Lectures/Seminars
- **Yes**

## Outpatient
- **Yes**

## Inpatient
- **Yes**

## Housestaff
- **Yes**

## Night Call
- **No**

## Weekends
- **No**

## Lab
- **No**

## Exam Required
- **No**

## Overall Educational Goal of Elective
To obtain further knowledge of pathophysiology and additional experience in proper diagnosis and treatment of common problems in cardiac disease: myocardial infarction, arrhythmias, cardiomyopathy, angina pectoris, valvular heart disease, thromboembolism, congenital heart disease

## Objectives
At the conclusion of this rotation, the student should be able to:
- Perform a detailed cardiovascular history and physical examination
- Know the indications for, limitations of, and implications of: EKG's, ECHO's, Exercise Stress Tests, Coronary angiograms, myocardial biochemical studies, Holter monitors, MUGS's, thallium stress tests, EPS studies, etc.
- Know the indications and contraindications of thrombolytic therapy, angioplasty, CABG, valve replacement and valvuloplasty
- Know the indications for, and limitations of, a wide variety of cardiac medications
- Be able to integrate history, physical, lab results and special cardiac tests into comprehensive understanding of cardiac pathophysiology and treatment.

## Brief Description of Activities
Resident/student work rounds each morning; cardiology lecture, first and second Thursday of the month; cardiology clinic three Friday mornings per month; pacemaker clinic three times per month; cardiology attending rounds daily; critical care and CCU attending and teaching rounds (optional); and grand rounds, weekly.

## Method of Student Evaluation
Evaluation is by overall performance during elective.

## Are There Any Prerequisites for This Elective? No

## Is This Elective Available to Third Year Medical Students As Well? No