

# Arrhythmia and Cardiac Electrophysiology Objectives

## Knowledge

- Understand the indications, function, and troubleshooting of pacemakers and ICDs.
- Diagnose and treat common arrhythmias such as atrial fibrillation, atrial flutter, SVT, A-V block, and VT acutely and chronically.
- Describe the management of syncope.
- Interpret abnormalities of ECGs, Ambulatory ECGs, and ECG stress tests.
- Describe to a physician or patient the basic elements, success rate, and risks of common arrhythmia procedures.

## Skills

- The trainee should be able to interrogate and assess the function of pacemakers and ICD's.
- The trainee should be able to independently supervise and perform ECG stress tests.
- The trainee should be able to perform and interpret a tilt table testing, including pharmacologic provocation.
- The trainee should be able to perform direct current and chemical cardioversion.
- The trainee should, with assistance, be able to implant pacemakers and ICDs.

## Teaching Methods

- Active participation during daily morning EP rounds.
- Didactic teaching during the daily morning EP rounds and Tuesday morning EP presentations.
- Interactive teaching by the procedural and consult EP attendings throughout the month.
- Active participation in the pacemaker and ICD follow-up clinic.

## Methods of Evaluation

- Review of the fellow's evaluation of patients on the arrhythmia consult service with the attending physician.
- Review of the fellow's ECG and Holter monitor interpretation with the attending physician.
- Chart review of the fellow's notes, procedure reports, and dictations.