

Acute Coronary Syndrome (ACS)

Academic Half Day

Session Facilitator

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Overview

This academic session consists of two parts. This academic session will include the medical science history that has resulted in the current modern management of acute coronary syndromes.

Topics Covered in Part I (Pathophysiology, Diagnostics, Heart Catheterization)

- Statistics
- Pathophysiology
- Electrocardiogram in ACS
- Risk Stratification Tools
- Reperfusion Therapy & Measuring Reperfusion
- Heart Catheterization

Topics Covered in Part II (Pharmacotherapy of ACS)

- ACC Treatment Guidelines
- Betablockers
- Antiplatelet Therapy
- Anticoagulant Therapy
- Thrombolytic Therapy

Learning Objectives

At the conclusion of this academic session, the resident will be able to:

1. Describe the pathophysiology of ACS
2. Be able to review a 12 lead ECG to determine presence of acute coronary syndrome and identify the most likely coronary blood vessel involved.
3. Describe the history of heart catheterization and identify the main management pathways for patients with ACS
4. Describe the pharmacotherapy used in the management of ACS and the relevant clinical trial history of how these therapies were developed.