

Advanced Cardiovascular Life Support

Learning Station Outline

Acute Coronary Syndrome and Stroke

The Acute Coronary Syndrome (ACS) and Stroke station is a 30 minute rotation combining Instructor guided lecture and student discussion.

A. Acute Coronary Syndrome

1. Instructors will use the ACS and Stroke PowerPoint presentation developed by the Advanced Life Support (ALS) Program staff. This presentation is updated in accordance with the 2015 AHA guidelines and provides clinical research based treatment recommendations.
2. The AHA recommends guiding lectures around the following discussion points. ***See pages 20-25 of ACLS Instructor manual for further details***
 - The difference between Stable Angina, Unstable Angina and Myocardial Infarction;
 - Underlying causes of chest discomfort that may be life threatening;
 - Classic symptoms of acute ischemic chest discomfort;
 - Importance of early EMS dispatch and transport for the patient with ACS;
 - Therapy goals for patients with ACS; and
 - Medication therapy used in the treatment of ACS (Aspirin, Nitroglycerine and Morphine)
3. At the end of this section, students should be able to:
 - Discuss early recognition and management of acute coronary syndromes, including appropriate disposition

B. Stroke

1. Instructors will use the ACS and Stroke PowerPoint presentation developed by the Advanced Life Support (ALS) Program staff. This presentation is updated in accordance with the 2015 AHA guidelines and provides clinical research based treatment recommendations.
2. The AHA recommends guiding lectures around the following discussion points. ***See pages 26-31 of ACLS Instructor manual for further details***
 - Signs and symptoms of stroke;
 - Major types of stroke;

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- Goals for emergent stroke care;
 - Critical EMS assessments and actions to provide the best outcome for the patient with a potential stroke;
 - Initial Emergency Department assessment and stabilization tactics; and
 - Candidate guidelines and benefits of fibrinolytic therapy;
3. At the end of this section, students should be able to:
- Discuss early recognition and management of stroke, including appropriate disposition