

Adult – Myocardial Ischemia and Injury

Course Description: This module reviews the coronary arteries and their functions. It compares myocardial ischemia and injury, angina, unstable angina, and myocardial infarction. Also reviewed are atypical chest pain symptoms that are often seen in women, the elderly, and in silent-MI patients. To promote the development of critical thinking skills, the author relates real bedside experiences to the underlying physiologies.

Course Objectives:

- Describe the coronary arteries and their functions
- Compare and differentiate the types of myocardial infarcts and their associated symptoms
- Compare and differentiate angina, Prinzmetal's angina, and unstable angina
- Briefly describe the basic 12-Lead ECG changes that are seen with cardiac chest pain
- Explain NSTEMI and the area of the heart is most commonly affected
- Describe the atypical chest pain symptoms that are commonly seen in women, the elderly, and in silent-MI patients
- Describe acute coronary syndrome and its diagnosis parameters