

Diagnosis	Pain	Relief	Associated Symptoms	E.K.G.
Aortic Dissection	Excruciating, Tearing; May migrate to arms, neck, back and shoulders	Analgesics: Resection	Blood pressure differences in arms, unequal arterial pulses	No changes
Pericarditis	Sharp, Sudden: Constant; increases with change in position and respirations.	Sitting up, Leaning forward; Anti-Inflammatory drugs	Pericardial friction rub	Global ST & T-wave elevations
Pulmonary Embolism	Sudden; Over lung fields, increases	Analgesics	Hemoptysis; Shortness of breath	Right Axis Shift
Pericardial Tamponade	Shock presentation	Pericardial Tap; pericardialcentesis	Distant heart sounds; Shortness of breath; Pulseus paradox; JVD	
Angina	Substernal; may radiate; pressure; heaviness; burning	Rest; Vasodilation; equalize O2 supply and demand	Diaphoresis	Elevated ST segments resolve with relief of pain
Prinzmetal's Angina	At rest; Cluster timing; 12:00pm-8:00am; young males	Vasodilation		Elevated ST segments resolve with relief of pain
Unstable Angina	At rest; unrelieved with NTG; change on existing pattern of pain or new onset	Equalize O2 supply and demand	Diaphoresis	Transient ST and T wave changes resolve with relief of pain
Myocardial Infarction	Sudden onset; crushing; substernal; may radiate to jaw , neck or back	Analgesics; reperfusion: Thrombolytic, (mechanical or surgical)	Diaphoresis; weakness, shortness of breath, anxiety, feeling of doom, nausea, pale or ashen color skins, rales: wet lung sounds	Elevated ST segment: significant Q waves; T wave inversion, dysrhythmias