



Cardiogenic Shock



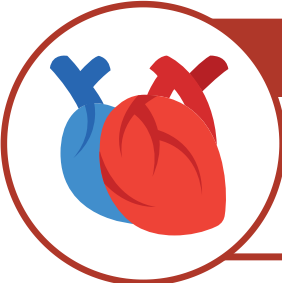
Causes

- Acute myocardial infarction
- Heart failure
- Valvular dysfunction
- Cardiomyopathy
- Myocarditis
- Arrhythmia



Clinical Presentation

- Hypotension (SBP <90 mm Hg)
- Not always with chest pain
- Cold, clammy, tachypnea, JVD
- Heart rate
 - Tachycardia (compensatory)
 - Bradycardia (infarcted AV node)



Physiology

- ↑ Preload ↓↓ CO ↑ Afterload
- Narrow pulse pressure
 - Insufficient pumping ability to support the oxygenation of the tissues



Diagnosis & Treatment

- EKG and ECHO
- Chest radiograph
- Labs: troponin, lactate, CMP, BNP
- Treatment targeted at cause:
 - Inotropes: dobutamine, dopamine
 - Diuresis: furosemide
 - Mechanical: aortic balloon pump