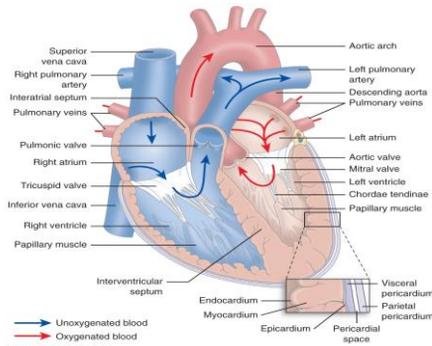


Cardiovascular Assessment

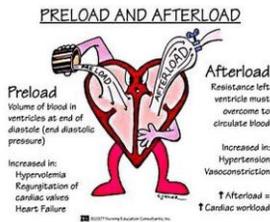
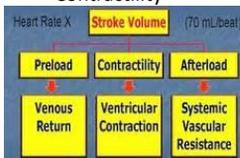
Dr. Rexi Thomas

A & P of Cardiovascular System



Cardiac Output

- Stroke volume x heart rate
- Stroke Volume
 - Preload
 - Afterload
 - Contractility



Assessment

- Color
- Mucous membranes
 - Jugular vein distention
- Capillary refill
- Heart
 - Valves
 - Murmur
 - Pulse deficit
 - Pulse pressure
 - Cardiac output
 - Stroke Volume
- Peripheral pulses
 - Carotid
 - Apical
 - Brachial
 - Radial
 - Ulnar
 - Femoral
 - Popliteal
 - Posterior tibial
 - Dorsalis pedis
- Edema
 - Pitting/ non-pitting

Laboratory Tests

- Cholesterol
- High Density Lipoproteins (HDL)
- Low Density Lipoproteins (LDL)
- Triglycerides
- Cardiac Enzymes
 - CPK, CK-MB, troponin
- Brain type Natriuretic Peptide (BNP)
- C- Reactive Protein
- D-dimer
- Homocysteine levels

Diagnostic Tests

- CXR
- Electrocardiography (ECG)
- Cardiac Stress Testing
 - Exercise
 - Pharmacological
- Echocardiogram/ TEE
- Cardiac Catheterization
 - Angiography
