Coronary veins
- Coronary sinus: empties into L. atrium, formed by merging cardiac veins
- Coronary veins collect blood from capillary beds
- Posterior interventricular sinus

1) Right coronary artery supplies R. atrium + most R. ventricle
2) Circumflex artery
3) L. coronary artery: supplies anterior interventricular sulcus

1) L. coronary artery: supplies myocardium (except for base of heart)
2) Right coronary artery: supplies posterior interventricular sulcus
3) Circumflex artery: supplies posterior interventricular sulcus

Arteries contain large, low-resistance capillaries
Heart receives oxygenated blood from pulmonary circuit
Left ventricle receives oxygenated blood supply
Systemic circuit: oxygenated blood to body, deoxygenated blood from body
Systemic circuit: short, low-resistance, high-pressure circulation
Atrial septal defect
Systemic circuit: long, high-resistance, low-pressure circulation
Systemic circuit: oxygenated blood to body, deoxygenated blood from body
Metabolism occurs in interventricular sulcus
Circulation occurs between left and right heart

Coronary Circulation
- Systemic circuit
- Pulmonary circuit