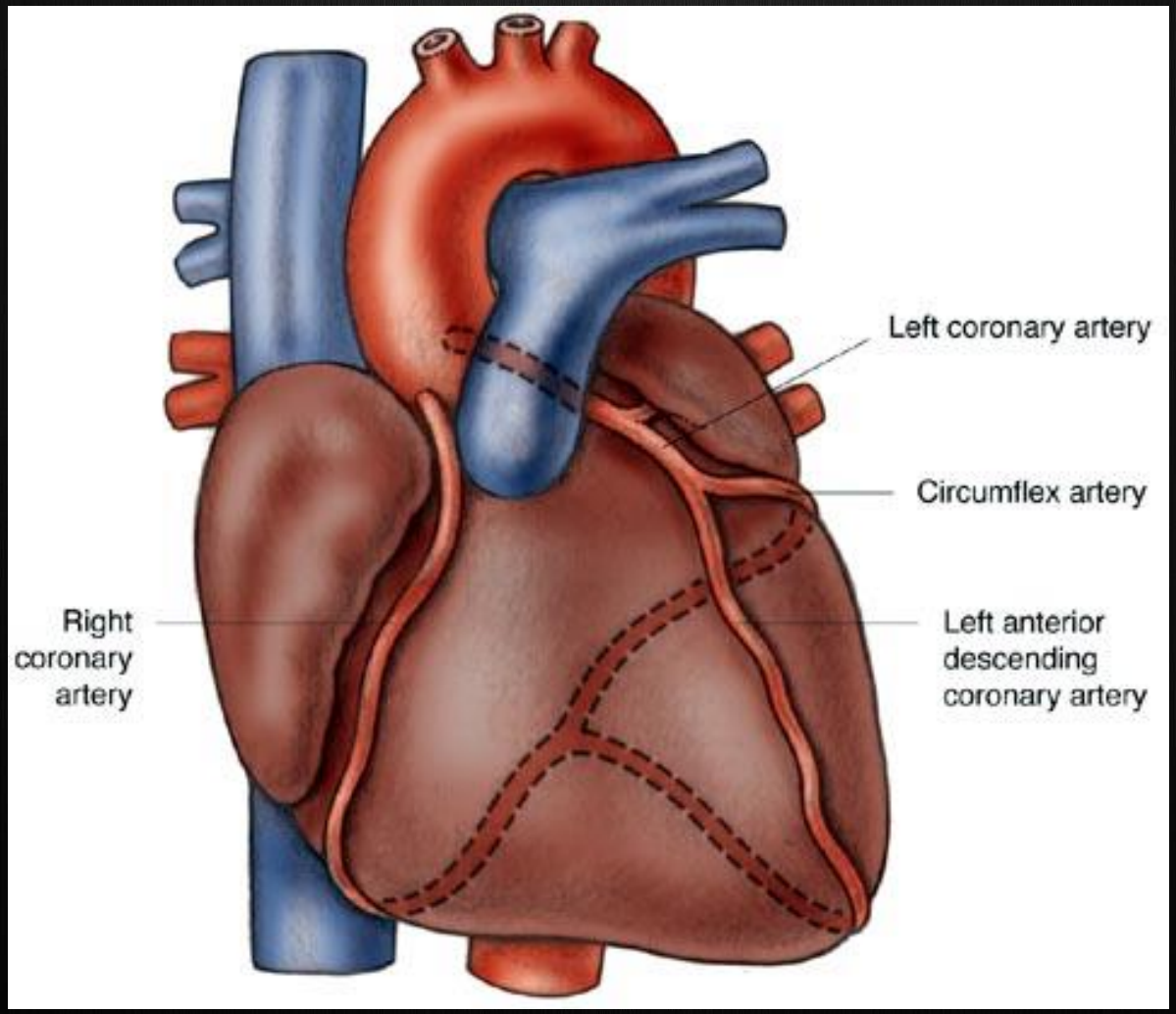
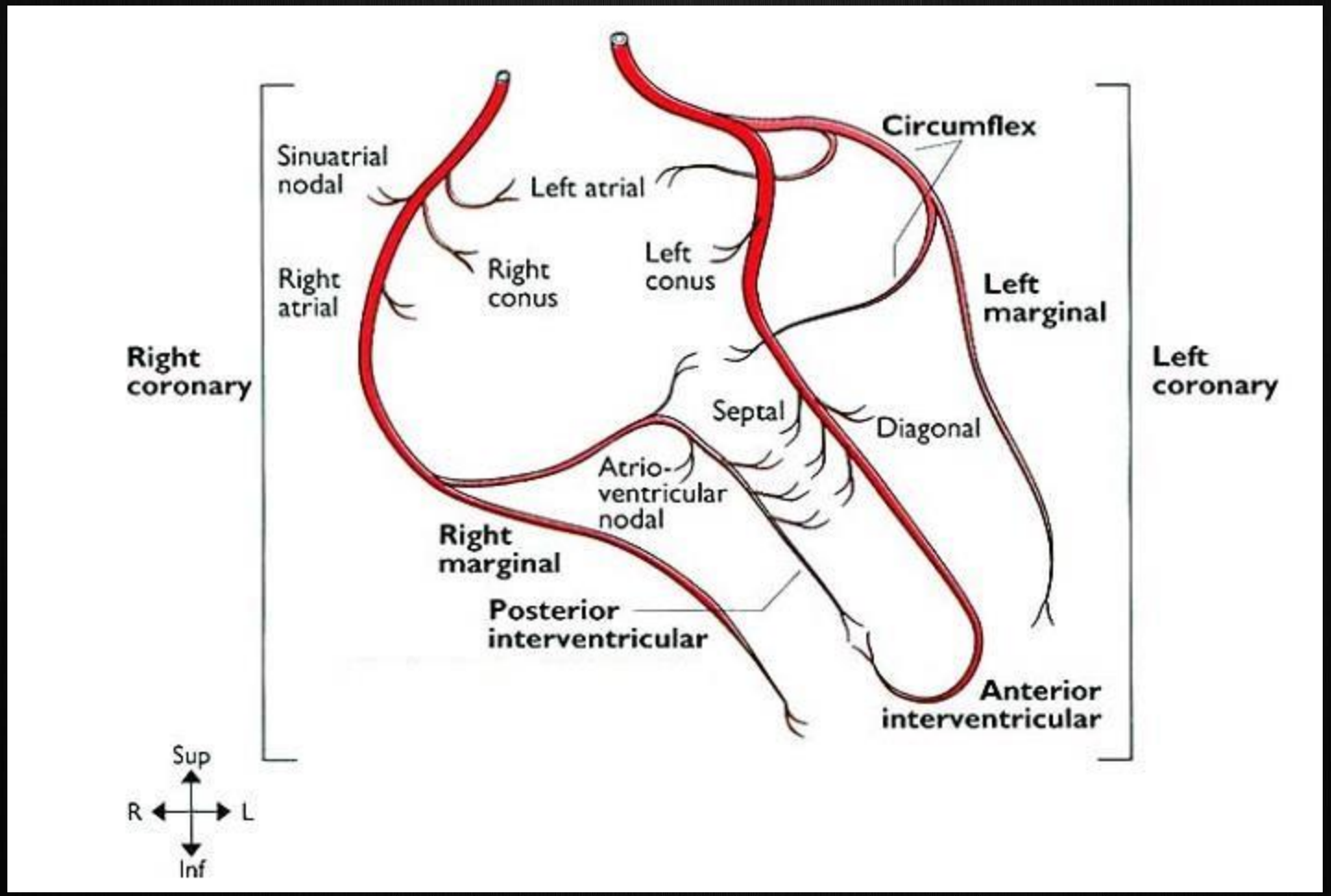
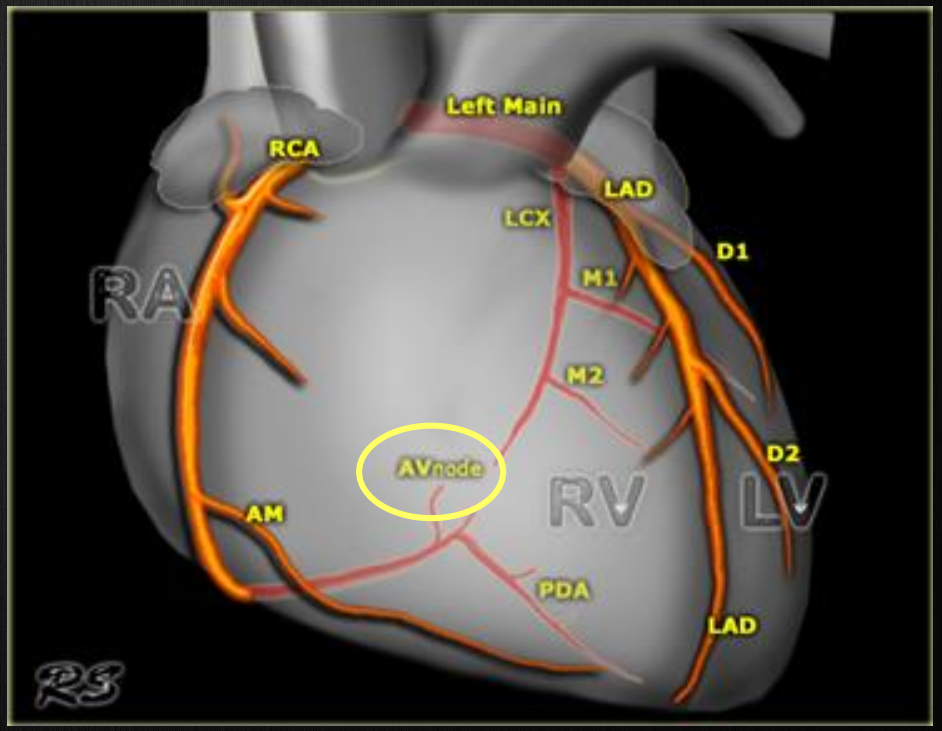
Coronary arteries



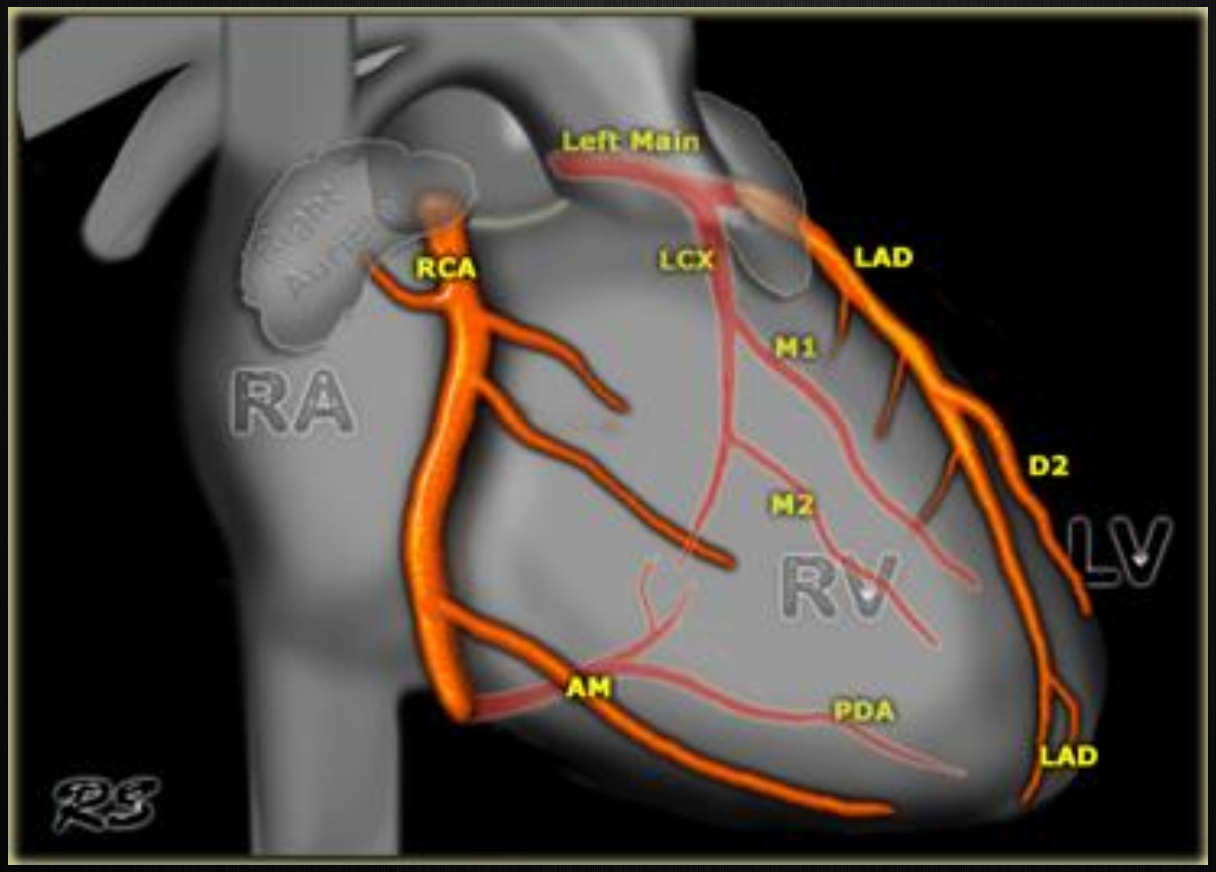

Sinuatrial nodal
Left atrial
Circumflex
Right atrial
Right conus
Left conus
Left marginal
Right coronary
Left coronary
Septal
Diagonal
Atrio-ventricular nodal
Right marginal
Posterior interventricular
Anterior interventricular
Sup
R
L
Inf

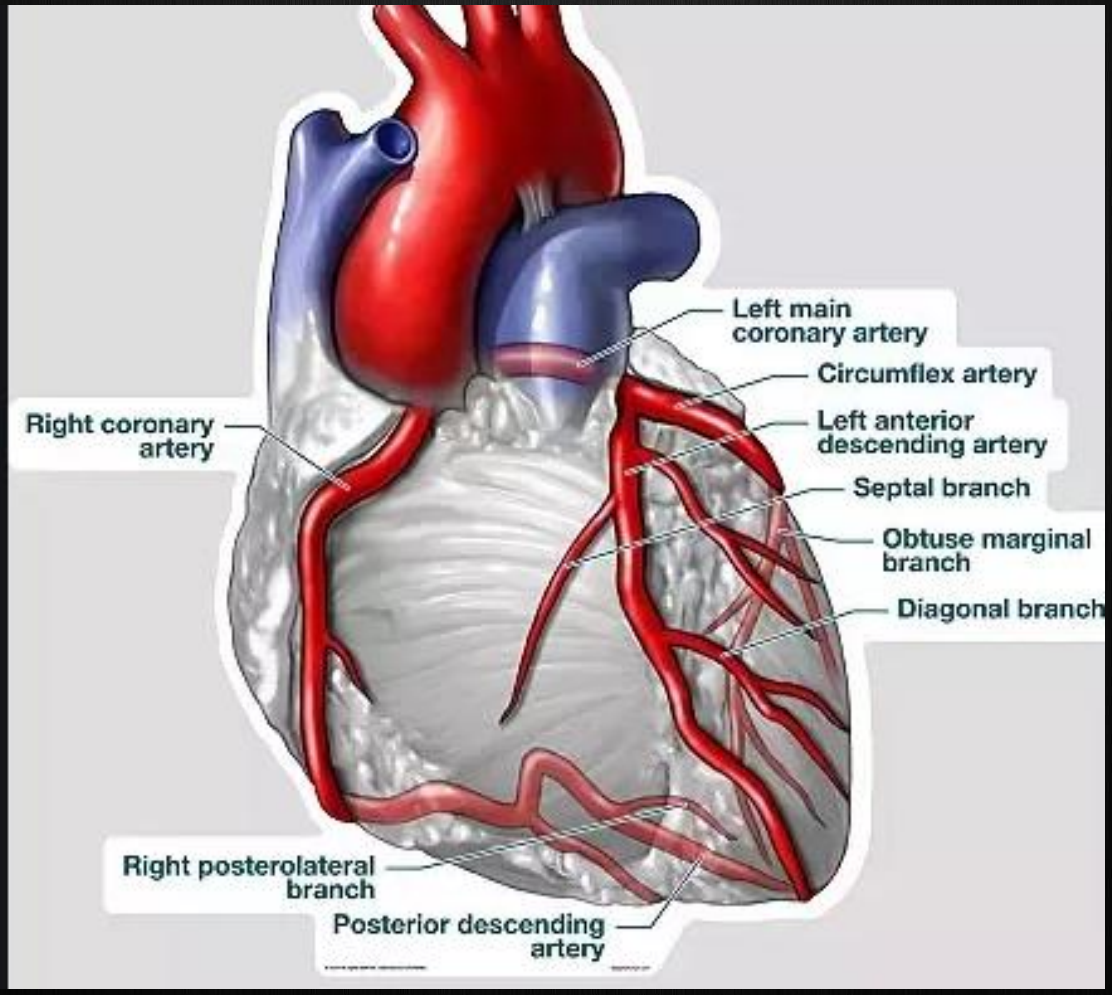
Coronary arteries in the anterior projection

- Left Main or left coronary artery (LCA)
  - Left anterior descending (LAD)
    - » diagonal branches (D1, D2)
    - » septal branches
  - Circumflex (Cx)
    - » Marginal branches (M1,M2)
- Right coronary artery
  - Acute marginal branch (AM)
  - AV node branch
  - Posterior descending artery (PDA)



Right anterior oblique projection




Left main coronary artery
Circumflex artery
Left anterior descending artery
Right coronary artery
Septal branch
Obtuse marginal branch
Diagonal branch
Right posterolateral branch
Posterior descending artery

Coronary Arteries

- Right and left coronary arteries, each arises from corresponding aortic coronary sinus (of Valsalva)
- Coronary artery branches generally considered end arteries
  - Myocardial segments predominately supplied by segmental coronary artery branches
  - Potential to develop collateral circulation

Coronary Cusps

- Named according to their relationship with the coronary arteries,
- Right coronary
- Left coronary
- non-coronary cusp
- (R, L and N)