

# RCA

- Runs rightward posterior to pulmonary trunk, then downward in right coronary sulcus, toward posterior interventricular septum
- **Conus artery**
  - » First branch of RCA
  - » May have separate origin directly from right coronary sinus
  - » Supplies pulmonary outflow tract

# RCA

## ■ Sinus node artery

- » Arises from proximal RCA in 60% of individuals
- » May arise from proximal LCX
- » Supplies sinoatrial node
- Anterior branches to free wall of right ventricle

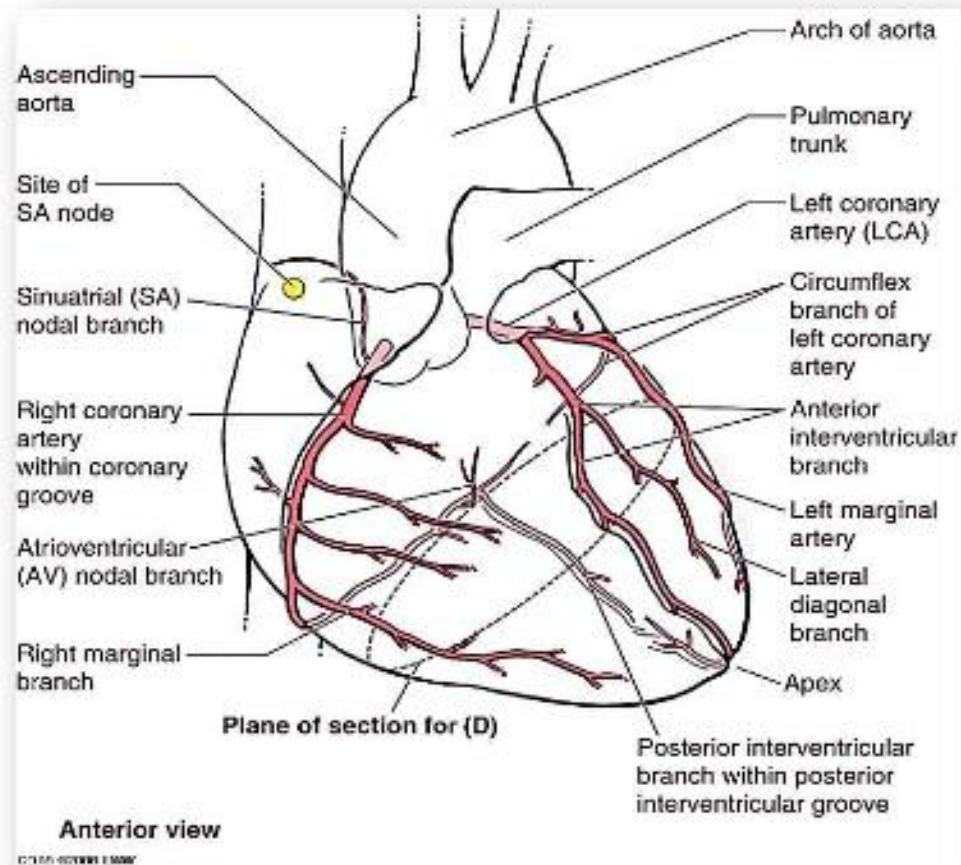
## ■ Acute marginal artery

- » Arises at junction of mid and distal RCA
- » Supplies free wall of right ventricle

# RCA

- *Posterior descending artery* PDA
  - » Terminal branch of RCA
  - » Runs in posterior interventricular groove
  - » Can extend around apex to supply anterior interventricular septum, if LAD is small
- *Posterolateral artery* - **PLA**
  - » Terminal branch of RCA

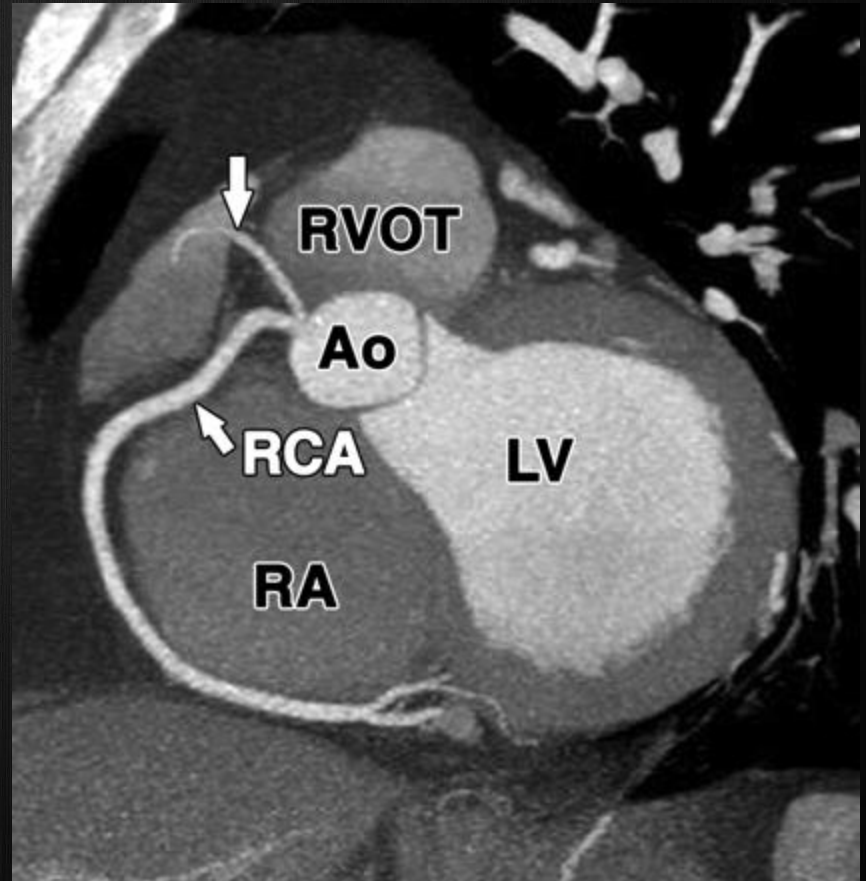
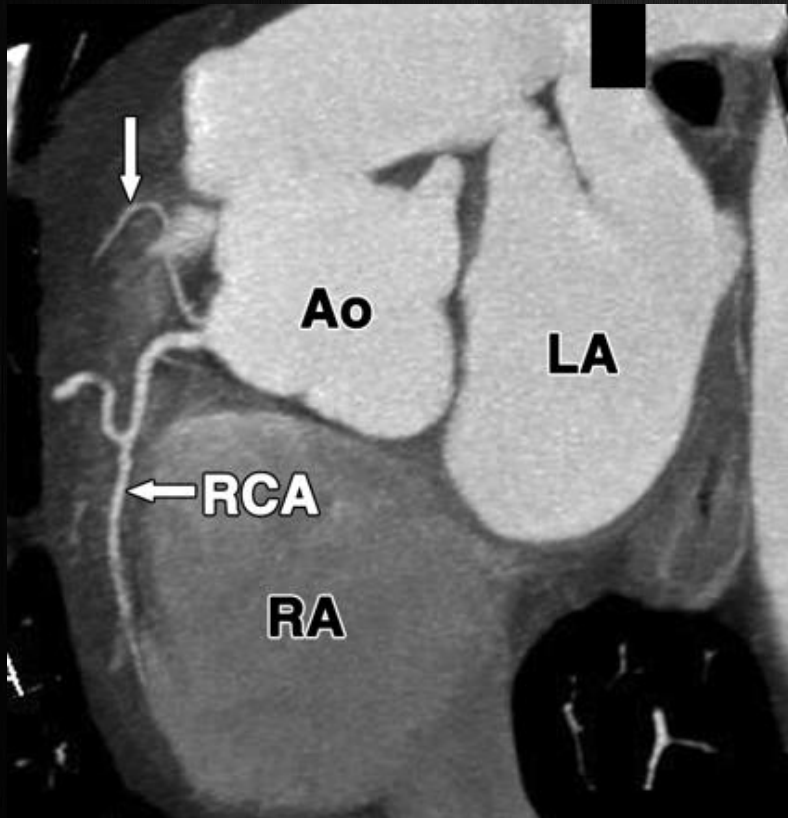
# BRANCHES OF THE RCA



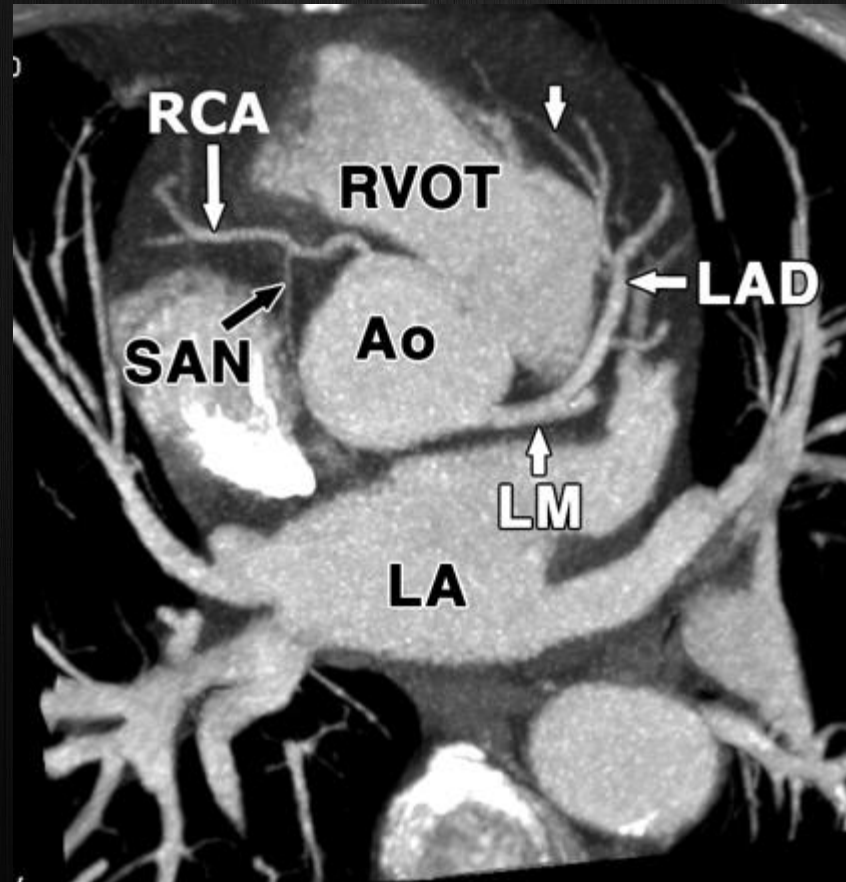
- Atrioventricular Nodal Branch



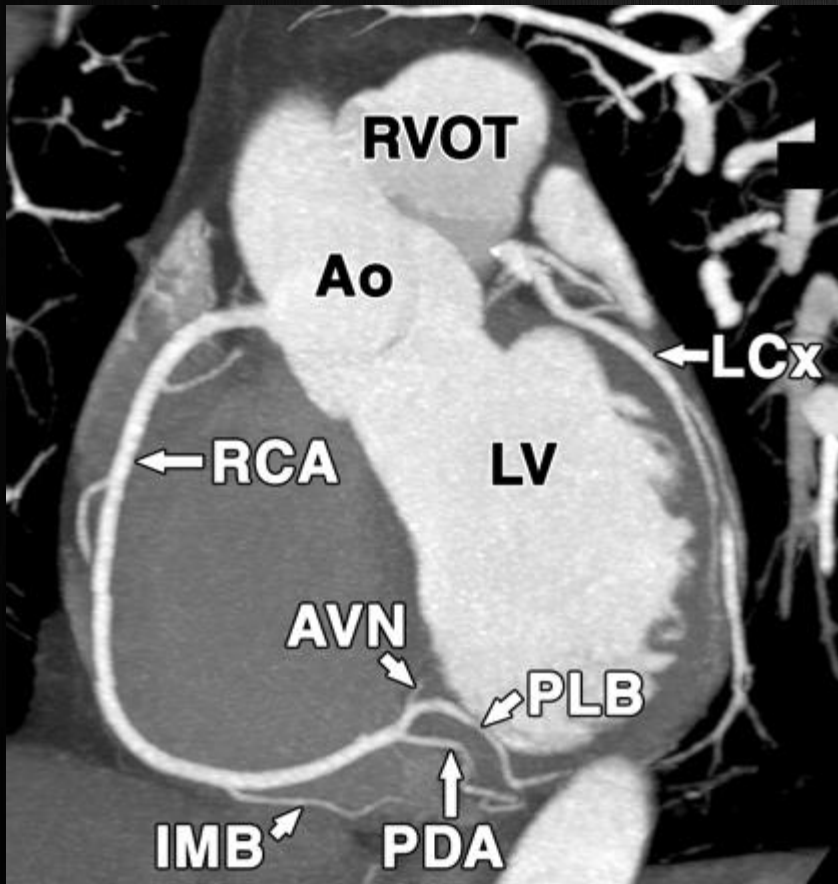
# Conus Branch



# Sinus node artery



# RCA



- Ao = aortic root,
- AVN = atrioventricular node
- IMB = inferior marginal branch,
- LCx = left circumflex artery,
- LV = left ventricle,
- PDA = posterior descending artery,
- PLB = posterior lateral branch,
- RCA = right coronary artery,  
RVOT = right ventricular outflow tract.

# Conus Branch of RCA

