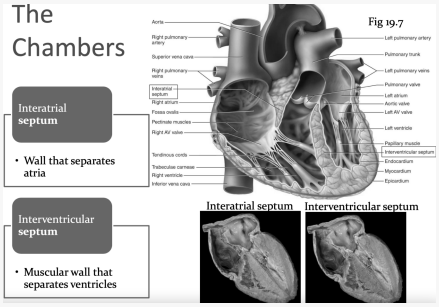
Unit 3: Blood and Heart Cheat Sheet

by vweiss via cheatography.com/163743/cs/34308/

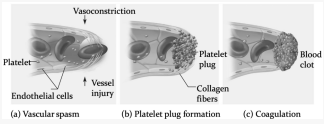
General

Plasma	matrix of blood, clear light yellow fluid 55%
Buffy Coat	made of leukocytes and platelets <1%
Erythrocytes	RBC's, 45%
Hematocrit	percentage of blood volume composed of RBC's
Hemoglobin	protein in RBC that carries oxygen, 4 protein chains (globins) that bind co2 and 4 heme groups that bind o2 to iron
Hemostasis	the cessation of bleeding, stopping fatal leaks
Hemorrhage	excessive bleeding

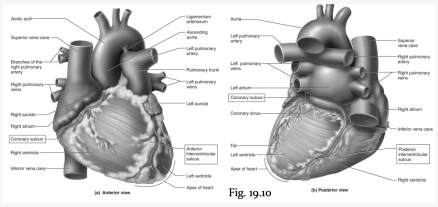
Interior of the Heart



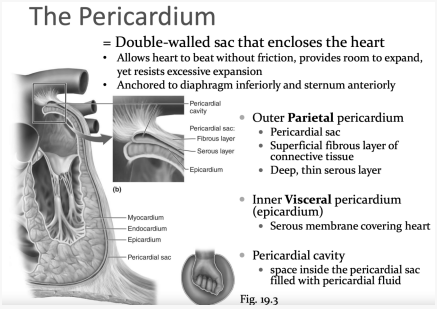
Platelets and Hemostasis



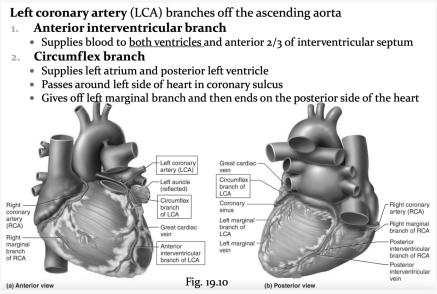
Exterior of the Heart



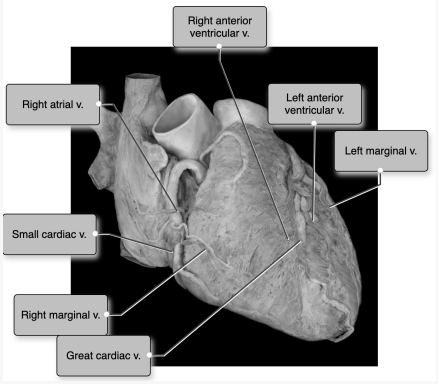
Walls of the Heart



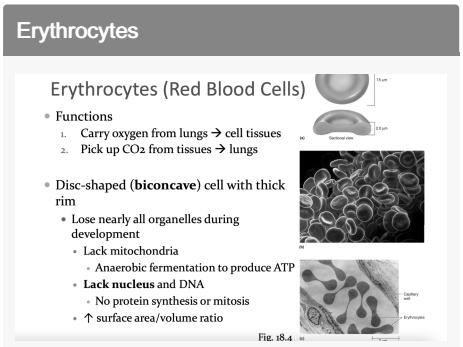
Left Arterial Supply



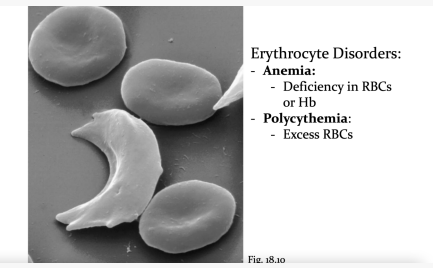
Cardiac Veins



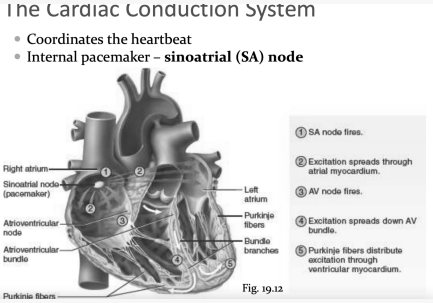
Erythrocytes



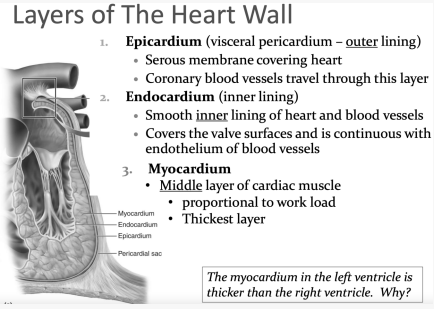
Erythrocyte Disorders



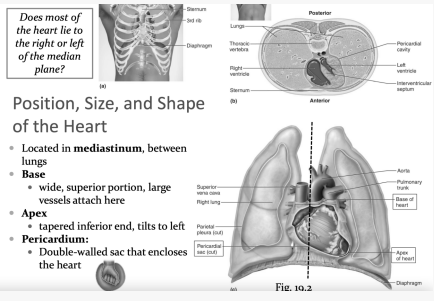
Electrical Conductivity



Layers of the Heart (Epi, Endo, Myo)



Position, Size, and Shape of Heart



By vweiss

cheatography.com/vweiss/

Not published yet.

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Right Arterial Supply

- **Right coronary artery** (RCA) branches off the ascending aorta
  - Supplies right atrium and sinoatrial node (pacemaker)
  1. **Right marginal branch**
     - Supplies lateral aspect of right atrium and ventricle
  2. **Posterior interventricular branch**
     - Supplies posterior walls of ventricles

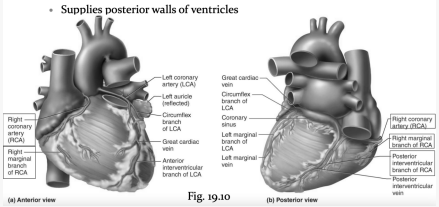


Fig. 19.10

WBC Disorders

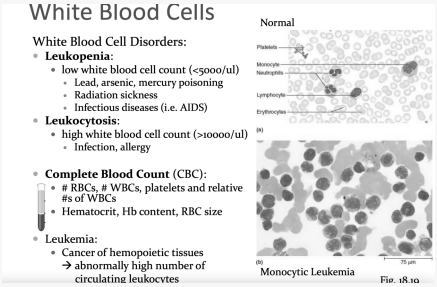


Fig. 18.10

Leukocytes WBC

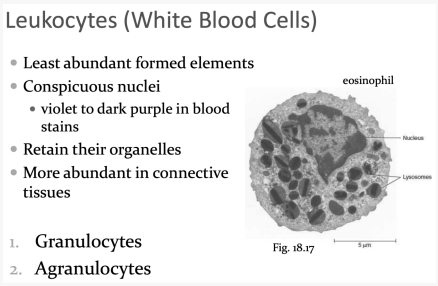
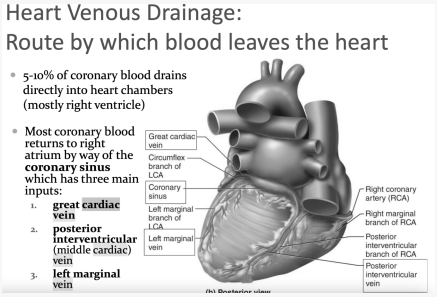
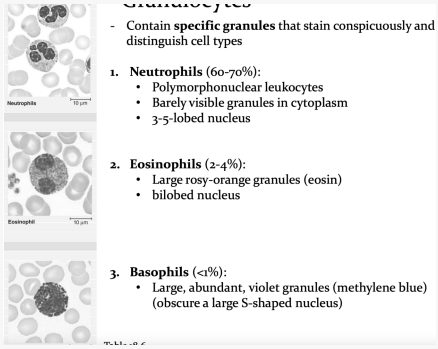


Fig. 18.17

Venous Heart Drainage



Granulocytes



Blood Flow through the Heart

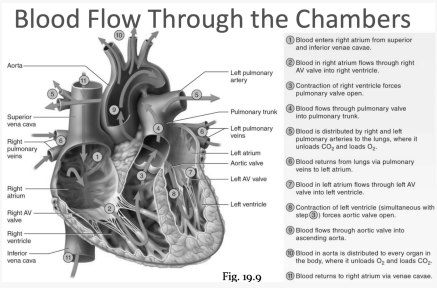
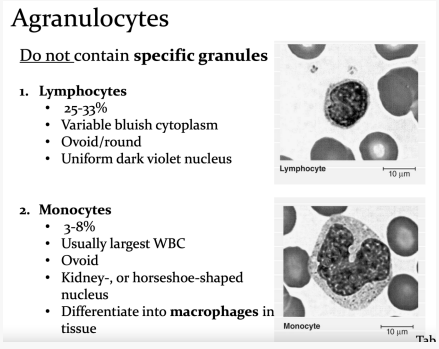


Fig. 19.9

Aganulocytes



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