

Blood Vessels

- Types and definitions (descriptions)
- Names of major arteries & veins (diagram & coronary arteries/veins)
- Systemic vs. pulmonary systems
- Blood pressures
- Types of material carried

Blood

- Plasma vs. formed elements (RBC, WBC, platelets)
- Shape & function of RBC
- Clotting process
- Blood typing

Heart

- Parts of the heart
- Flow of blood through the heart
- Heartbeat (SA node & AV node) – ECG
- Systolic/Diastolic
- Cardiac or Coronary vessels

Fetal Circulation

- 4 differences
 - 2 heart differences → diverting blood from the lungs
 - 2 umbilical differences → exchange of materials with mother
- Blood typing & babies

Lymphatic System

- 3 functions
- General injury/infection response
- Specific infection response
- WBC types & functions

Hormones

- Insulin & glucagon (blood sugar homeostasis)
- Diabetes (differences)