

Circulatory HW #1

Vocabulary: Please define your terms on the ISN-sheet underneath or on the backside of this form. Orient the definitions, so you can read them when flipping the paper.

Hyper / Hypoglycemia

Cyanosis

Phlebitis

Hematoma

Varicose Veins

Embolus / Thrombus

Aneurysm

RhoGAM

Hemolysis

Questions: Answer the questions on this page using complete sentences. Use the ISN-sheet underneath if you need more space.

1. A) Discuss the disease *hemophilia*. B) What specifically causes problems in individuals with this disease? C) How is *hemophilia* dealt with by the patient? D) How is it inherited?
2. Make a concept map that shows the relationship between the following blood disorders: *anemia*, *erythrocytosis*, *polycythemia*, *sickle-cell anemia*, and *leukemia*. If you don't know what a concept map is then look it up.
3. Sometimes blood clotting is unwanted, especially during a blood transfusion or if you are receiving an IV. A drug called *heparin* is given to prevent coagulation. A) How does *heparin* work? B) What is *heparin* made of?
4. Why is someone more likely to bleed to death when an artery is cleanly severed than when it is crushed and torn?