

Circulatory HW #3

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.

Tachycardia

Coronary Thrombosis

Myocardial Infarction

Bradycardia

Coronary Ischemia

Carditis

Angina pectoris

Stroke Volume

Cardiac Output

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

1. A cross-country truck driver is worried. Lately, he has experienced headaches, confusion, nausea, vomiting, and trouble seeing correctly. He goes to the doctor because he wonders if his diet and lack of exercise are affecting his current health condition. He measure his blood pressure in Rite Aid at 150/95. As his doctor, state your diagnosis and course of action your patient needs to take to improve his health.
2. a) What is hypertension? b) Currently, what blood pressure numbers are considered borderline hypertensive, and hypertensive?
3. Chris Sharma, an elite rock climber takes a bad fall and is transported via Life Flight to the hospital. He has large scale hemorrhaging and has a rapid, thready pulse. However, his blood pressure is still within normal limits. Describe the vascular mechanism in place that is maintaining his blood pressure even in the case of massive blood loss.
4. A statuesque street performer that stands motionless for long periods of time collapses on a beach boardwalk in the middle of summer. Once assisted, he complains of dimmed vision and tingling in his fingers. Use appropriate terminology to explain what was going on with him.