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ANPH 202 Anatomy and Pathology 1 Reflection #2 – forms part of quiz #2 (5%)

Reflection: Heart Anatomy

Reflections are designed to encourage you to think critically about your experiences, apply theoretical knowledge to practical situations, and develop your professional identity as a medical imaging technologist.

Topic: Heart Anatomy

Consider the following points:

1. What is the function of the right AV valve (atrioventricular valve or tricuspid valve)?

   The function of the right atrioventricular valve is to ensure blood flow going through the heart while preventing blood backflow. Allowing blood to flow from the right atrium through the tricuspid valve entering the right ventricle. The tricuspid valve prevents blood backflow, like a one-way door. Stopping the blood going back up the ventricle up to the atrium.

2. What is the function of the left AV valve (atrioventricular valve or mitral valve)?

   The function of the left atrioventricular valve allows oxygen rich blood flow through the left atrium through the mitral valve entering the left ventricle. The mitral valve prevents blood back flow, same as the tricuspid valve. Valves ensure the blood goes the correct direction through the heart preventing inefficient pumping that can cause heart failure.

Word count: 250-350 words

Reflective Writing Rubric

Criteria	1 Point	2 Points	3 Points
Critical Reflection	Basic understanding of topic	Some reflection, with basic analysis	Deep reflection with thoughtful analysis
Application to Practice	Limited connection to medical imaging practice	Clear connections to medical imaging practice	Insightful application to medical imaging practice
Writing Quality	Basic writing with some clarity issues	Clear writing with minor errors	Well-written, clear, and concise