

symmetric and the breasts appear without abnormalities. The abdomen is flat. The external genitalia are those of a normal mature male. The extremities are well-developed. There are no lesions on the back and no deformities of the spine.

**INTERNAL EXAMINATION:**

The pleural, pericardial and peritoneal surfaces are smooth and glistening. There is no blood or excess fluid in any of the body cavities. The lungs are fully expanded. The domes of the diaphragm are normally positioned. The organs of the chest and abdomen occupy their normal anatomic positions.

**NECK ORGANS:**

There are no paratracheal hemorrhages or masses. There is food and vomitus in the upper airway, consisting of brown fluid with particles of rubbery white, meaty material. The trachea and larynx are lined by a smooth, tannish-pink mucosa with no focal lesions. There are no fractures of the cervical spine, hyoid bone or laryngeal cartilages.

**CARDIOVASCULAR SYSTEM:**

The heart weighs 450 gm. The epicardial and endocardial surfaces are smooth and glistening. There is a moderate amount of epicardial fat. The coronary arteries pursue their usual anatomic course and display no significant degree of atherosclerosis. The heart chambers are of normal size. The right and left ventricular walls measure 0.4 cm and 1.5 cm in thickness respectively. The heart valves are thin and delicate. The chordae tendineae of the mitral and tricuspid valves are thin and not fused. The foramen ovale is closed. Serial sections of the heart reveal a homogeneous, dark reddish-brown myocardium with no focal lesions. The consistency of the myocardium is normal. The aorta is lined by a smooth, tannish-yellow endothelium with no atherosclerotic plaques. The major veins are without thrombi.

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