

Internal Organs

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Mediastinum

- (**Mediastinum**)=The area between the lungs. The organs in this area include the heart and its large veins and arteries, the trachea, the esophagus, the bronchi, and lymph nodes.)
- "The mediastinal contents are normally distributed."
- "The 21 gm thymus gland has a normal external appearance."
- "The cut sections are finely lobular and pink-tan."
- "No petechial hemorrhages are seen."
- "The aorta and remainder of the mediastinal structures are unremarkable."

Body Cavities

- "The right and left thoracic cavities contain approximately 5 cc of straw colored fluid."
- "The pleural surfaces are smooth and glistening."
- "The pericardial sac contains 3-4 cc of straw colored fluid and the epicardium and pericardium are unremarkable."
- "The abdominal contents are normally distributed and covered by a smooth glistening serosa."
- "No intraabdominal accumulation of fluid or blood is seen."

Lungs

- "The 200 gm right lung and 175 gm left lung have a normal lobar configuration."
- "An occasional scattered subpleural petechial hemorrhage is seen on the surface of each lung."
- "The cut sections of the lungs disclose an intact alveolar architecture with a small amount of watery fluid exuding from the cut surfaces with mild pressure."
- "The intrapulmonary bronchi and vasculature are unremarkable."
- "No evidence of consolidation is seen."
- **Microscopic Examination of Lungs.** (All sections stained with H&E). "The alveolar architecture of the lungs is well preserved. Pulmonary vascular congestion is identified. No intrinsic abnormalities are seen."

Heart

- "The 100 gm heart has a normal external configuration."
- "There are scattered subepicardial petechial hemorrhages over the anterior surface of the heart."
- "The coronary arteries are normal in their distribution and contain no evidence of atherosclerosis."
- "The tan-pink myocardium is homogeneous and contains no areas of fibrosis or infarction."
- "The endocardium is unremarkable."
- "The valve cusps are thin, delicate and pliable and contain no vegetation or thrombosis."
- "The major vessels enter and leave the heart in the normal fashion."
- "The foramen ovale is closed."
- **Microscopic Examination of Myocardium.** (All sections stained with H&E). "Sections of the ventricular myocardium are composed of interlacing bundles of cardiac muscle fibers. No fibrosis or inflammation are identified."

Aorta and Vena Cava

- "The aorta is patent throughout its course as are its major branches."
- "No atherosclerosis is seen."
- "The vena cava is unremarkable."

Spleen

- "The 61 gm spleen has a finely wrinkled purple capsule." * "Cut sections are homogeneous and disclose readily identifiable red and white pulp."
- "No intrinsic abnormalities are identified."
- **Microscopic Examination of Spleen.** (All sections stained with H&E). "There is mild autolysis of the spleen. Both red-and-white pulp are identifiable." (**Autolysis**= The enzymatic digestion of cells by enzymes present within them. The cells most susceptible to autolysis tend to be dying or dead cells.)

Adrenals

- "The adrenal glands are of normal size and shape."
- "A golden yellow cortex surmounts a thin brown-tan medullary area."
- "No intrinsic abnormalities are identified."
- **Microscopic Examination of Adrenal Glands.** (All sections stained with H&E). "The architecture of the adrenal is well preserved and no intrinsic abnormalities are seen."

Kidneys

- "The 40 gm right kidney and 40 gm left kidney have a normal external appearance. The surfaces are smooth and glistening."
- "Cut sections disclose an intact corticomedullary architecture."
- "The renal papillae are sharply demarcated."
- "The pelvocaliceal system is lined by gray-white mucosa which is unremarkable."
- "Both ureters are patent throughout their course to the bladder."

Liver

- "The 625 gm liver has a normal external appearance. The capsule is smooth and glistening."
- "Cut sections disclose an intact lobular architecture with no intrinsic abnormalities identified."
- **Microscopic Examination of Liver.** (All sections stained with H&E). "The lobular architecture of the liver is well preserved. No inflammation or intrinsic abnormality are identified."

Pancreas

- "The pancreas is of normal size and shape."
- "Cut sections are finely lobular and tan. No intrinsic abnormalities are identified."
- **Microscopic Examination of Pancreas.** (All sections stained with H&E). "There is autolysis of the pancreas which is otherwise unremarkable."

Bladder

- "The bladder is contracted and contains no urine."
- "The bladder mucosa is smooth and tan-gray."
- "No intrinsic abnormalities are seen."
- **Microscopic Examination of Bladder.** (All sections stained with H&E).

"The transitional epithelium of the bladder is autolyzed. No significant intrinsic abnormalities are seen."

Genitalia

- "The upper portions of the vaginal vault contain no abnormalities."
- "The prepubescent uterus measures 3 X 1 X 0.8 cm and is unremarkable."
- "The cervical os contains no abnormalities."
- "Both fallopian tubes and ovaries are prepubescent and unremarkable by gross examination."
- **Microscopic Examination of Reproductive Organs.** (All sections stained with H&E). "Sections of the uterus are consistent with the prepubescent age. The ovary is unremarkable."

Gallbladder

- "The gallbladder contains 2-3 cc of amber bile."
- "No stones are identified and the mucosa is smooth and velvety."
- "The cystic duct, right and left hepatic duct and common bile duct are patent throughout their course to the duodenum."

G.I. Tract

- "The esophagus is empty. It is lined by gray-white mucosa."
- "The stomach contains a small amount (8-10 cc) of viscous to green to tan colored thick mucous material without particulate matter identified."
- "The gastric mucosa is autolyzed but contains no areas of hemorrhage or ulceration."
- "The proximal portion of the small intestine contains fragmented pieces of yellow to light green-tan apparent vegetable or fruit material which may represent fragments of pineapple."
- "No hemorrhage is identified."
- "The remainder of the small intestine is unremarkable."
- "The large intestine contains soft green fecal material." * "The appendix is present."

Other Organs

- **Lymphatic System.** "Unremarkable."
- **Musculoskeletal System.** "Unremarkable."