



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2005 – Reproductive System 153/04A

SLIDE NO	ORGAN	STAIN	DIAGNOSIS	HISTOLOGICAL DESCRIPTION	DRUG causing the lesion
153/04 A	Thymus Veal calf	HE	CONTROL (Starry Sky)	<p>The thymus has a distinct medulla and cortex with dense accumulations of small lymphocytes (thymocytes) obliterating the cytotreticulum formed by the epithelial-reticular cells. The thymocytes of the medulla are not as densely packed as those of the cortex, and thus the medulla appears lighter than the cortex.</p> <p>Lobules, containing cortical and medullary components, and formed by septa which arise from the capsule of the organ. The septa extend to the cortico-medullary junction. The incomplete septation causes lobules to be continuous with each other</p> <p>Apoptotic cells can be detected scattered in the thymic medulla and throughout the cortex, cluster of apoptotic fragments are detected within the cytoplasm of thymic macrophages. When numerous, give the parenchyma a “starry sky” appearance.</p>	