Pathology of the Dog

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9. Pathogenesis

Neuropathology

Spina bifida, whole body, puppy
Case 5: Tissue from a puppy

Macroscopic diagnosis

Most probably cause

#A43

#A44

#A45

#A46

#A47

#A48
Tissue from a Dog
Morphologic Diagnosis

Urinary
Botryoid rhabdomyosarcoma - urinary bladder - dog
Pyelonephritis – kidney

Dog MDx
Multifocal renal cortical necrosis (infarcts) – kidney – dog

Tubular mineralization – kidney – dog

#A109

#A110

#A111
Reproductive
BPH — prostate and bladder dog

Dog Name

Prostatic cysts — prostate gland — dog

#B13

#B14

#B15

#B16

#B17
Musculoskeletal
Tissue from a dog

Vet. Path. 2013
Skin
Puppy on the left is affected.
Hemolymphatic
Islet cell tumor – pancreas – dog

Liver and Pancreas
Malignant lymphoma – liver – dog

Dog MDx
Cystic mucinous hyperplasia – gall bladder

Image 37

Image 38

Image 39

Image 40

Image 41

Image 42
Pancreatic necrosis with suppurative inflammation and hemorrhage – pancreas – dog

Pancreatic acinar nodular regeneration – pancreas – dog

Pancreatic acinar ACA – pancreas – dog

Pancreatic LSA – pancreas – dog

Pancreatic MDx Pathogenesis

#C43

#C44

#C45

#C46

#C47

#C48
Gastrointestinal
Enamel hypoplasia, teeth, dog MDx Cause
Giant hypertrophic pyloric gastropathy, stomach, dog
Rhinosporidiosis – nasal cavity - dog