



PATIENT

Chester Pickering

SPECIES

Canine

BREED

Bulldog

SEX

MN

AGE

10

WEIGHT

30

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Eamon

HOSPITAL NAME

Belconnen Veterinary
Centre

REFERRING VET

Eamon

INVOICE

73745

DATE

2-15-26

PRESENTING CLINICAL SIGNS

- high grade mast cell removed from ventral abdomen
- met screening

Abnormal PE/Chem/CBC/UA Results: cbc/chem/urine pending

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

A pre- and post-contrast CT study of the thorax and abdomen in a bone, lung and soft tissue reconstruction is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

Along the thoracic & lumbar spine, multifocal spondylosis formation is seen.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The left principal bronchus is moderately dorsoventrally flattened. The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior, but zones with dystelectasis.

Small incidental gas pockets are seen within the esophageal lumen; there is no evidence of abnormal dilation.

Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration, a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

The pancreas is evenly contoured; the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The left medial iliac lymph node is prominent.



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All intervertebral discs along the lumbar spine are protruding into the vertebral canal, occupying approximately $\leq 20\%$ of the cross-sectional area of the vertebral canal at the same level respectively.

Both coxofemoral joints present moderate osteophyte new bone formation. The acetabular groove bilaterally is shallow, and the center of the femoral heads is lateral to the dorsal acetabular rim.

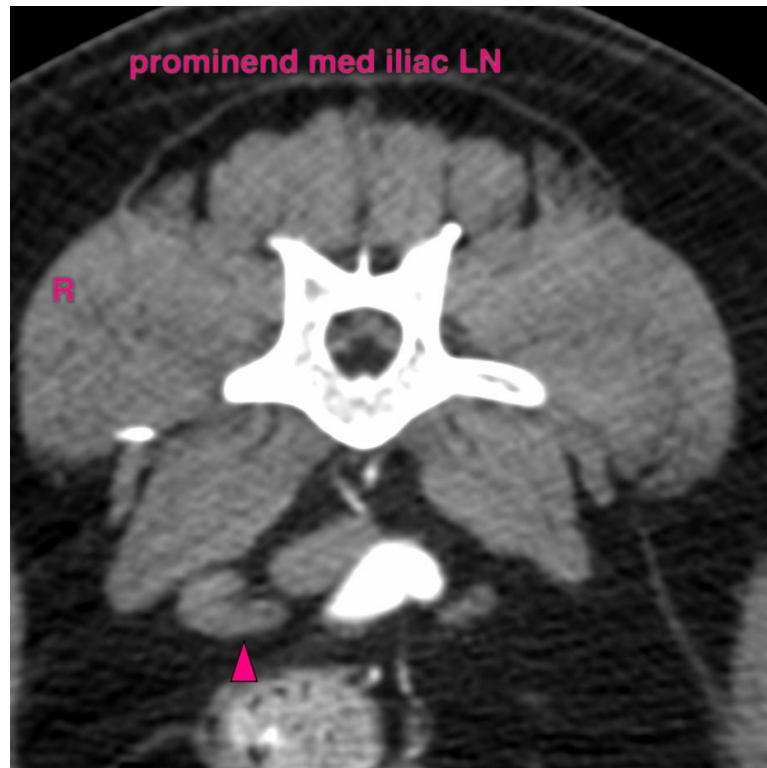
The subcutaneous tissue along the mid ventral abdominal wall presents mild soft tissue striation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of excised mast cell tumor ventral abdominal wall
- Lymphadenopathy right medial iliac lymph node
- Intervertebral disc herniation generalized along the lumbar spine with possible dynamic myelocompression
- Osteoarthritis coxofemoral joints due to hip dysplasia
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The odds for metastatic spread to the right medial iliac lymph nodes are increased and ultrasound guided FNA sampling can be used as advanced diagnostic tool. Complementing tumor staging of mast-cell tumor by FNA sampling of the liver and spleen is beneficial.





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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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