



PATIENT PRESENTING CLINICAL SIGNS

Bella Symes presented for hind limb ataxia r>L noted abdominal swelling caudally
 Abnormal PE/Chem/CBC/UA Results: fna neuroendocrine origin CBC/chem wl

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE PELVIS, THORAX, ABDOMEN, & SPINE

Canine Plain and post contrast studies in soft tissue, bone, and lung windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED Pelvis

German Shorthaired Pointer

An ill-defined cavitating heterogeneously enhancing soft tissue mass is expanding the left anal sac. The mass measures approximately 5.5 x 3.5 cm and exerts a mass effect onto the surrounding anatomy including the anal sphincter. The right anal sac presents within normal limits. Perineal fat stranding is noted.

SEX

Female

Multiple sacral, hypogastric, and medial iliac lymphadenomegaly is noted with the medial iliac lymph nodes and hypogastric lymph nodes being severely enlarged, lobulated, and blending into each other. The lymph nodes measure approximately 11cm in length, 6cm in height, and 8 cm in width and cannot be delineated from each other nor from the surrounding osseous anatomy including the 6th and 7th lumbar vertebrae, sacrum, and sacroiliac joints.

AGE

12

The 6th and 7th lumbar vertebrae and the ventral contour of the sacrum present permeative aggressive osteolysis.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

The enlarged lymph nodes extend into the exit zones of the right and left lumbosacral neuroforamina.

Abdomen

HOSPITAL NAME

Advanced Veterinary Imaging

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.

REFERRING VET

Eamon Ryan

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.

INVOICE

53854

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.

DATE

8-31-22

Mild portal lymphadenomegaly is noted.



PATIENT A 3 x 7 cm sized intraabdominal lipoma is seen in the left cranioventral abdomen.

Bella Symes **Thorax**

SPECIES 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 are uniform and considered within normal limits.

Canine

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

BREED

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.

German Shorthaired Pointer

The lung parenchyma presents the expected architecture and attenuation behavior.

SEX

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

Female

Spine

AGE

General anatomy, number, and alignment of the cervical and thoracic vertebrae present within normal limits.

12

Aggressive osteolytic changes of the two last lumbar vertebrae and sacrum are seen as aforementioned.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left anal gland soft tissue mass meeting neoplastic criteria.
- Multiple severe lymphadenomegaly with invasive growth pattern within the hypogastrium meeting neoplastic/metastatic criteria.
- Polyostotic aggressive osteolytic changes of the caudal lumbar spine and sacrum.
- Mild portal lymphadenomegaly.
- No evidence of pulmonary metastatic disease.
- Intraabdominal lipoma.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Eamon Ryan

The CT findings are highly suggestive for an adenocarcinoma of the left anal sac with regional lymph node metastases within the hypogastrium. Note the extensive growth and infiltrative pattern of the lymph node enlargement within the hypogastrium with polyostotic aggressive osteolytic changes of the 6th and 7th lumbar vertebrae and sacrum, as well as bilateral neuroforaminal extension.

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The lymph node metastases has to be considered as not being entirely resectable.

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The portal lymphadenomegaly may represent reactive hyperplasia and be unrelated to the neoplastic disease in the perianal area, however, early metastatic disease cannot be ruled out entirely.



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Bella Symes

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Pointer

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Imaging

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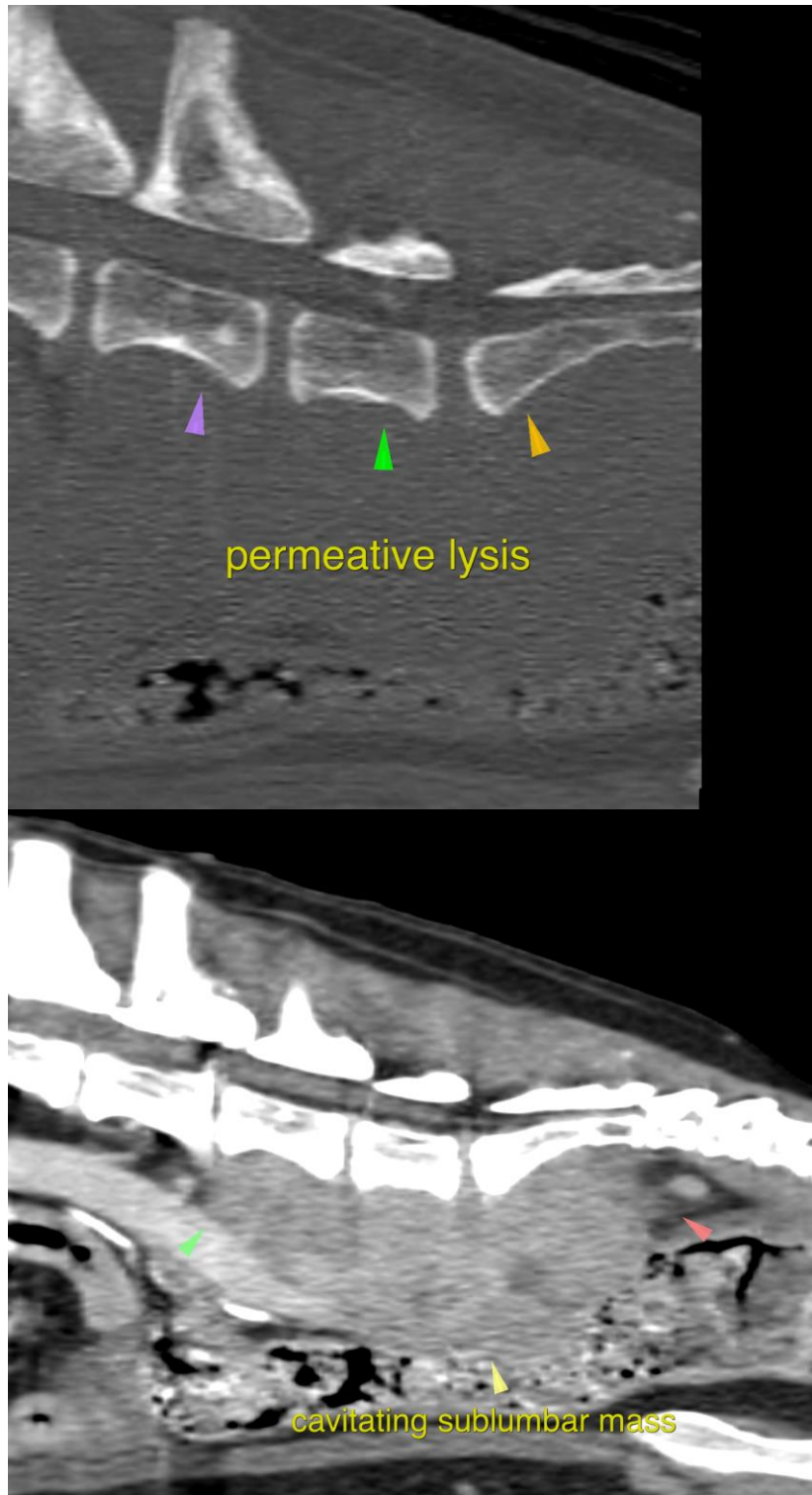
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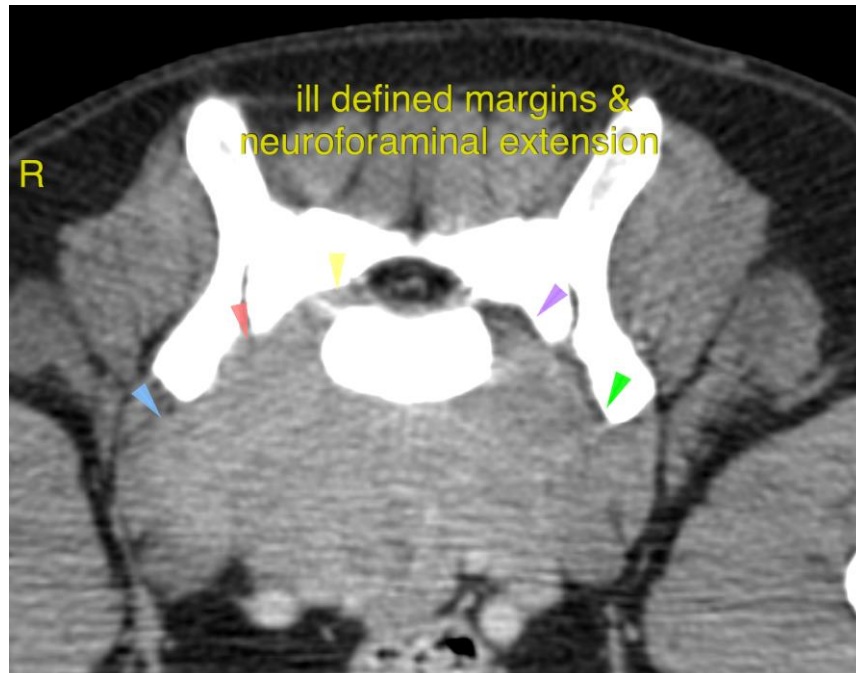
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PATIENT

Bella Symes

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.

SPECIES

Canine

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