



PATIENT PRESENTING CLINICAL SIGNS

Hefner Depuy Pre-operative CT for met check and to assess the mass near the rectal area. Mass was noted in the middle of May 2022.

SPECIES COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

Canine A high resolution pre- and post-contrast CT study of abdomen and a plain CT study of the thorax are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Border Collie Mix Thorax
Multiple variable sized subcutaneous and intermuscular lipomas are seen in the shoulder region bilaterally.

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

AGE
12 Years The cardiovascular structures including the pulmonary vasculature are within normal limits. Mild mineralization of the wall of the aortic root is appreciated.

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI The lung parenchyma presents the expected architecture and attenuation behavior with interspersed punctuate mineralization. The caudodorsal aspects of the lung parenchyma present regions of mild dystelectasis.

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

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Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. At the medial aspect of the caudal extremity of the spleen, a well-defined roundish, mild heterogeneous fat and soft tissue attenuating spherical mass measuring 5.7 cm in diameter is appreciated.

REFERRING VET

Dr. Joseph D'Abbraccio 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.

INVOICE

52759 Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.
enhancement.

DATE

7-7-22 The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout. Centered on the left anal sac, a post contrast multiloculated appearing, irregular roundish mass is seen, measuring 3.5 x 3.6 x 5.5 cm in size.



PATIENT

Two prominent left internal iliac lymph nodes are noted.

Hefner Depuy

At the left cranioventral abdominal wall, an intermuscular lipoma measuring 7.3 x 14.5 x 21.6 cm in size; multiple small soft tissue attenuating nodular lesions are noted within the fat attenuating mass.

SPECIES

Multiple lipomas are not in the subcutaneous tissue along the trunk.

Canine

Both coxofemoral joints present moderate osteophyte new bone formation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Border Collie Mix

- Multiloculated mass level with left anal sac
- Mild lymphadenopathy internal iliac lymph nodes
- Large intermuscular lipoma left cranioventral abdominal wall with small fat-necrosis
- Suspect nodular peritoneal fat necrosis, medial aspect of the spleen
- Multiple lipomas along the thoracic and abdominal wall
- Degenerative osteoarthritis coxofemoral joints bilaterally
- Pulmonary osteomas
- No evidence of pulmonary metastatic disease

SEX

Male Neutered

AGE

12 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is suggestive for neoplastic transformation of the left anal sac and anal sac adenocarcinoma is the top differential. FNA sampling can be used to confirm the diagnosis.

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Dr. med. vet. DipECVDI

The prominent internal iliac lymph nodes are equivocal for reactive hyperplasia or early stage of metastatic disease.

The spherical mass at the medial aspect of the spleen is most consistent with nodular fat necrosis, a peritoneal cyst is a potential but considered unlikely.

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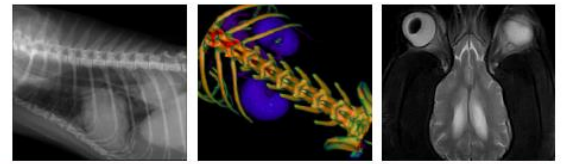
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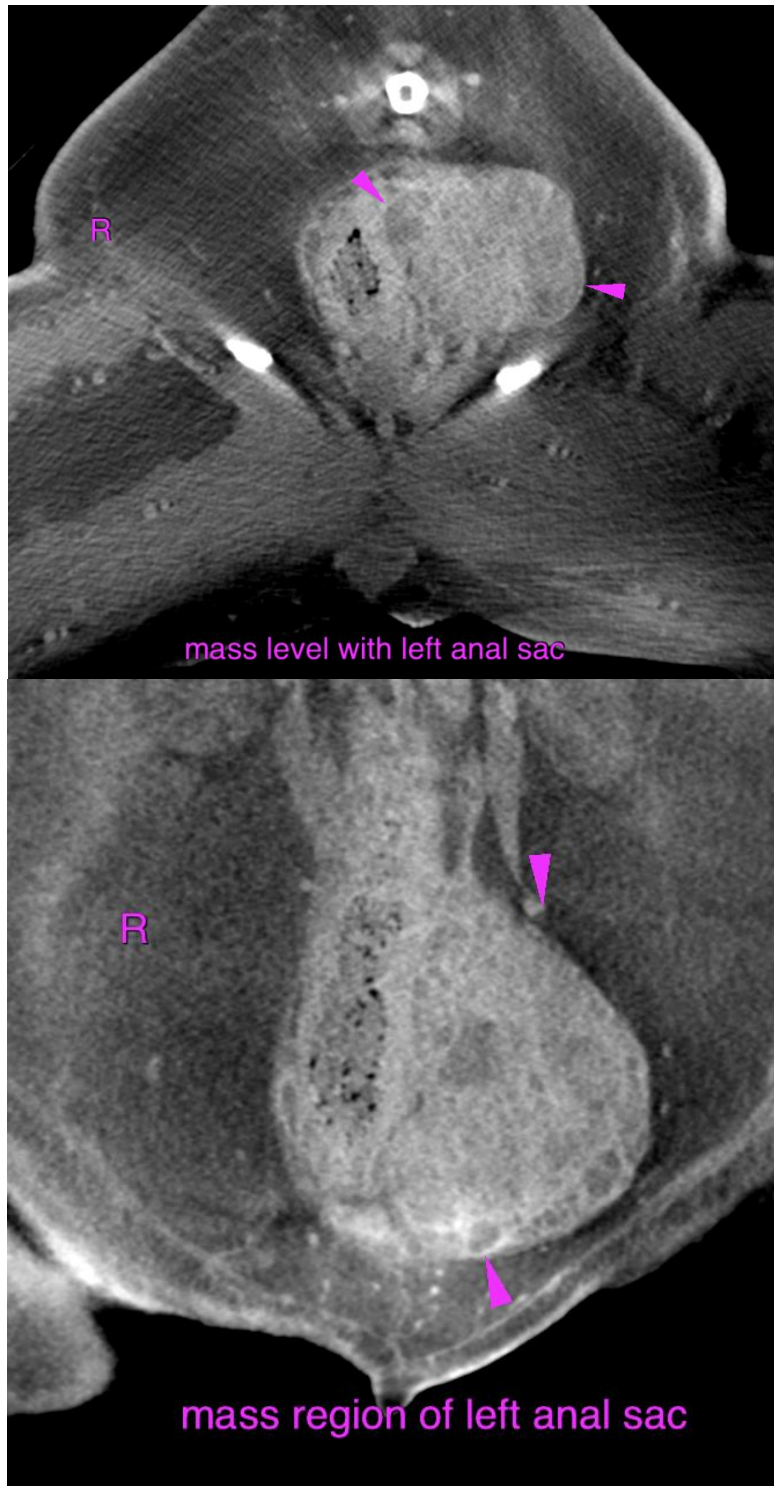
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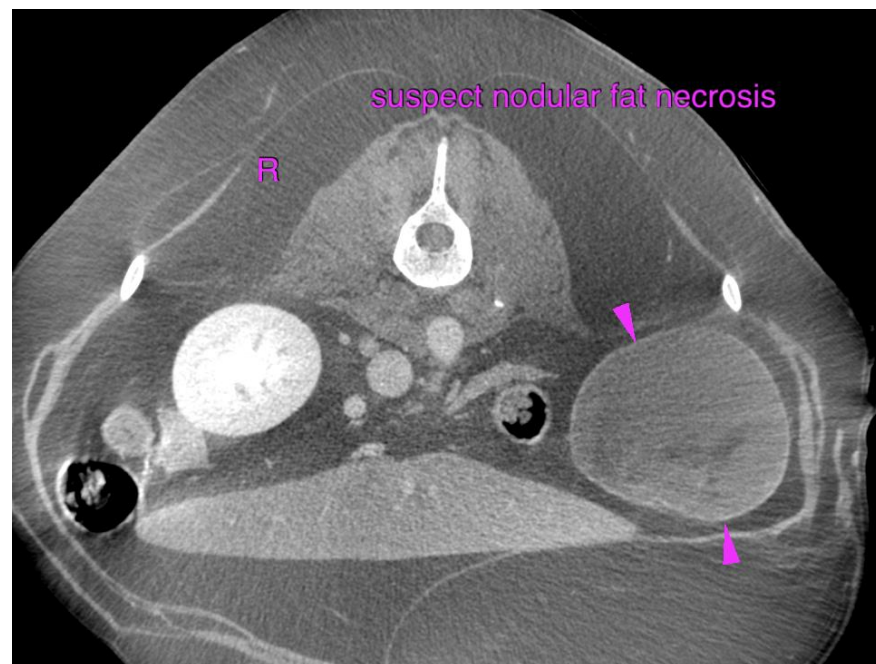
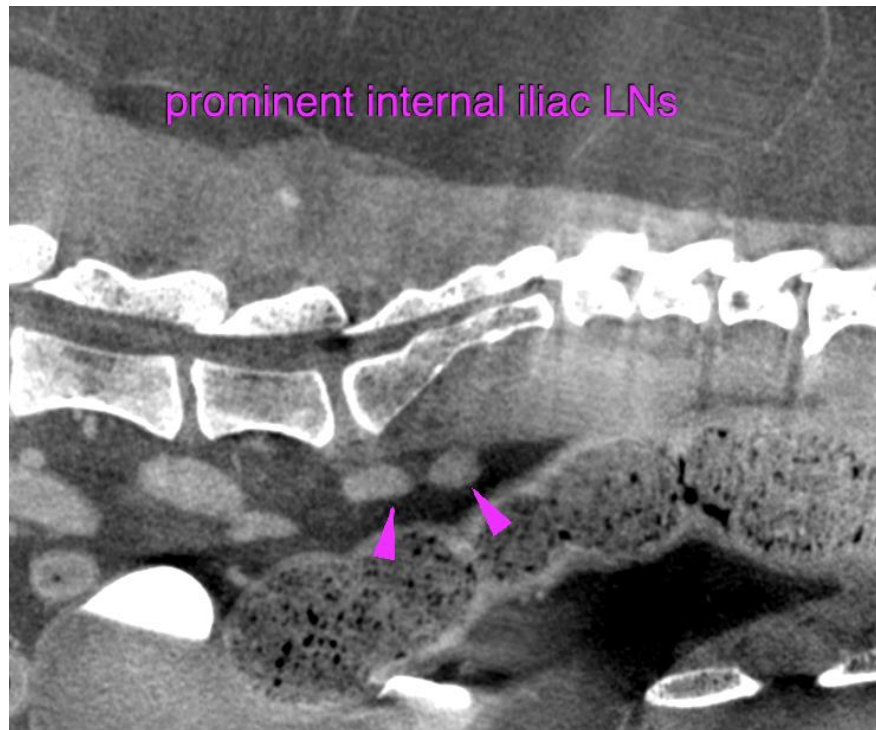
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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