



PATIENT PRESENTING CLINICAL SIGNS

Maizey Hickox Presented for evaluation of a rectal mass. Noticed 1.5 months ago. Left mass ~8x8x6cm firm, non-painful associated with left anal sac. No sublumbar lymph nodes palpated. CT performed of thorax and abdomen with contrast.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Canine Plain and post contrast studies in soft tissue and lung windows of the abdomen and thorax available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Lab **Abdomen**

A 16mm x 11mm x 10mm sized mass is seen within the left anal sac. The mass presents ill-defined margins and moderate nonuniform contrast enhancement.

SEX

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A 10mm x 7mm sized nodular soft tissue attenuating structure with well delineated margins and uniform enhancement is seen medial and dorsal of the right anal sac.

AGE

8 Years

The sacral, hypogastric, and medial iliac lymph nodes all present within normal limits. No other abdominal lymphadenomegaly is seen.

Multiple hyper- and hypo- enhancing nodules are seen within the splenic parenchyma.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There are also multiple small hypoenhancing nodules in all liver lobes. Occasional small hepatic cysts are seen.

The kidneys, adrenal glands, pancreas, gastrointestinal tract, and biliary system all present within normal limits.

HOSPITAL NAME

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There are multiple small subcutaneous soft tissue attenuating nodules in the abdominal and thoracic wall.

Thorax

REFERRING VET

Dr. Jeffery Biskup

Multiple spondyloses and mild to moderate chronic intervertebral disc protrusions are seen throughout the thoracic and lumbar spine accentuating the lumbosacral junction where moderate chronic intervertebral disc protrusion is noted.

Bilateral tarsal osteoarthritis, bilateral elbow osteoarthritis, bilateral shoulder osteoarthritis, and occasional subcutaneous and intermuscular lipomas are seen.

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Abundance of subcutaneous abdominal and mediastinal fat 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 are uniform and considered within normal limits.

DATE

12-23-21

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

**PATIENT**

Maizey Hickox

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.

SPECIES

Canine

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

COMPUTED TOMOGRAPHIC DIAGNOSIS**BREED**

Lab

- Left anal sac mass meeting neoplastic criteria.
- Nodular structure of undetermined origin dorsomedial of the right anal sac.
- No evidence of metastatic disease to the regional lymph nodes.
- Splenic and hepatic nodules.
- Small uncomplicated liver cyst.
- No evidence of pulmonary metastatic disease.
- Multiple spondyloses.
- Chronic intervertebral disc protrusions accentuating the lumbosacral junction.
- Subcutaneous nodules.
- Obesity.

AGE

8 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**INTERPRETED BY**Nele Eley, DVM
Dr. med. Vet. DipECVDI

The findings of the left anal sac parallel the history of anal gland carcinoma. There is no evidence of regional metastatic disease.

The origin of the nodular structure dorsomedial of the right anal sac is unclear. A second right anal sac mass cannot be ruled out entirely. However, this structure appears to be outside of the anal sac and supernumerous lymph nodes or a soft tissue nodule cannot be ruled out. Consider excisional biopsy.

HOSPITAL NAMEAnimal Health
Partners

The hepatic and splenic nodules most likely represent benign age related nodular hyperplasia or regenerative nodules. Metastatic disease cannot be ruled out entirely but is thought unlikely. Parenchymal sampling could be considered for further definition.

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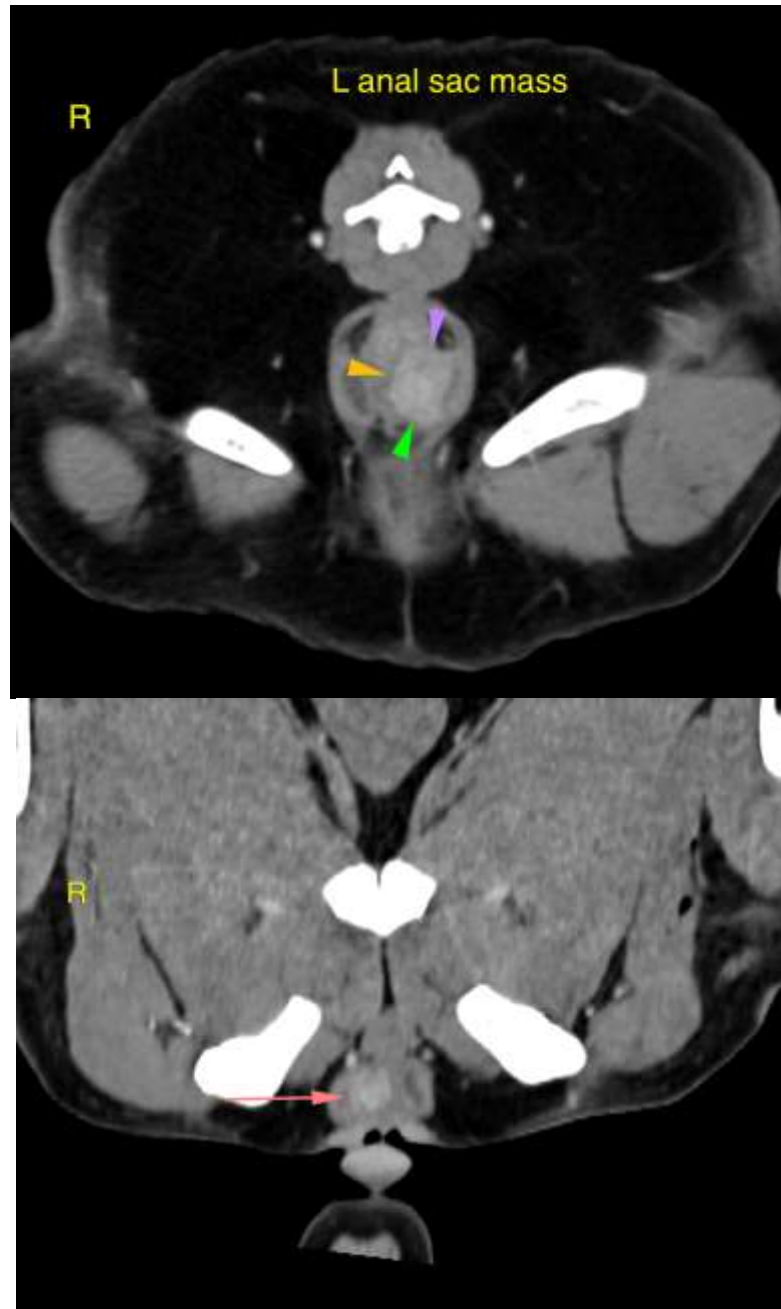
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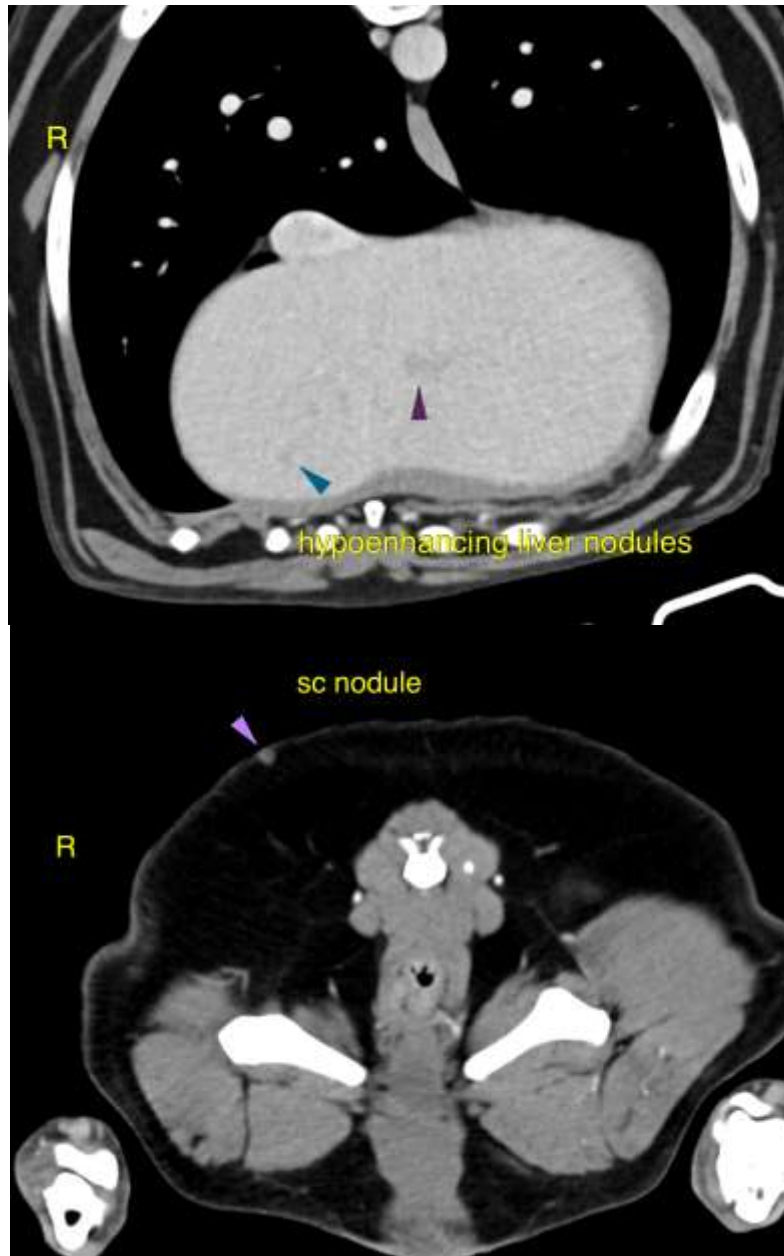
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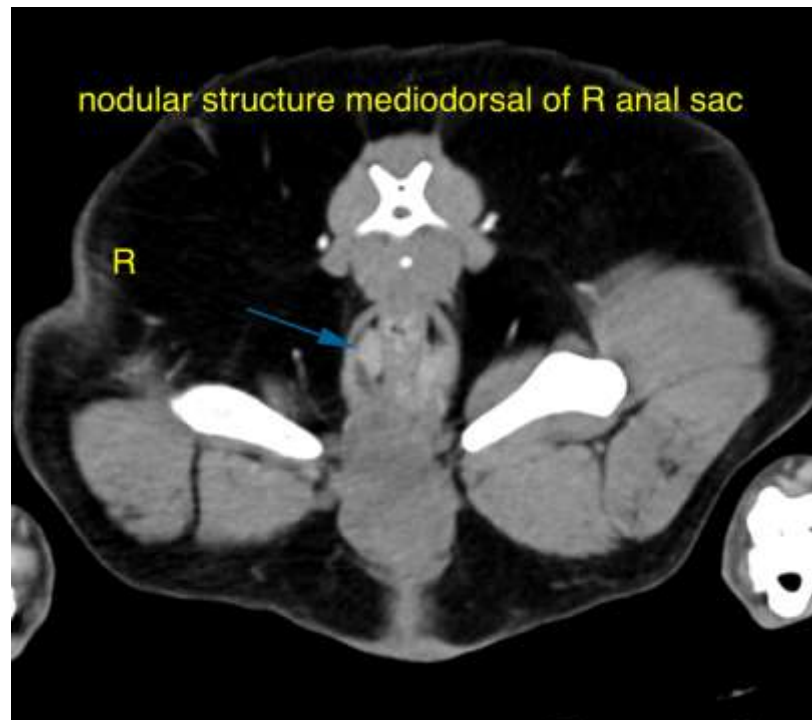
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

HOSPITAL NAME

Animal Health
Partners

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