



PATIENT PRESENTING CLINICAL SIGNS

Shadow Tracey Presented for chronic weight loss and hyporexia. Has also been ‘scuffing’ both rear legs for about 6 weeks.
Abnormal PE/Chem/CBC/UA Results: Normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

A pre- and post-contrast CT study of the thorax and abdomen are provided for review totaling five series. Two pre-contrast series of the abdomen, one pre-contrast series of the thorax, one post-contrast series of the thorax and one post-contrast series of the abdomen.

BREED

Bernese Mountain Dog

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

SEX

The trachea is normal in luminal diameter and position.

MN

The lumen of the main bronchus is normal.

AGE

11

A unique hyperattenuating subpleural focus is seen in the ventral periphery of the right caudal lung lobe. Otherwise, the pulmonary parenchyma is normal in attenuation. No pulmonary mass or soft tissue nodules are seen.

The cardiac silhouette and pulmonary vessels are normal. The contrast media adequately fills the cardiac chambers and vessels on the post-contrast series.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The tracheobronchial lymph nodes are normal.

The sternal, mediastinal, and cranial mediastinal lymph nodes are unremarkable.

The pleural space and diaphragm are normal.

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Abdomen

The caudate process of the caudate lobe of the liver is more rounded and lobular in appearance, however, with homogeneous attenuation. The remainder of the hepatic parenchyma is normal in size, shape and attenuation.

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Dr. Runde

The gallbladder is unremarkable, moderately hypoattenuating fluid distended.

The kidneys are normal in size, shape, contour and attenuation. Right kidney length 7.3cm, left kidney 7.7cm.

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The ureters are normal in size with correct insertion in the trigone region.

The spleen is mildly diffusely enlarged, homogeneously soft tissue attenuating, and uniformly contrast enhancing and likely correlated to the anesthesia procedure.

DATE

4-19-23



PATIENT The stomach is distended, contains moderate gas admixed with heterogeneous soft tissue attenuating ingesta.

Shadow Tracey

The duodenum and small intestine are moderately dilated and contain a moderate amount of homogeneous hypoattenuating fluid content and minimal gas.

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The colon and rectum contain gas admixed with soft tissue and heterogeneous attenuating fecal material.

The pancreas and mesentery are normal.

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The abdominal lymph nodes and adrenal glands are normal.

The prostate is intra-pelvic, reduced in size, normal attenuation.

SEX

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A large lenticular subcutaneous fat opaque and homogeneously attenuating mass within the right thoracic body wall at the level of 4-9th ribs is seen and measures 18.8cm x 5.4 cm.

A lenticular subcutaneous fat opaque and homogeneously attenuating mass within the right abdominal body wall is seen and measures 6.5cm x 2.5 cm.

AGE

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Multifocal thoracic and lumbar incompletely bridged spondylosis deformans is noted. Mild dorsal protrusion of the L2-L3 and L7-S1 intervertebral discs is seen and impinging on the spinal cord and roots.

On the edge of the exam, the coxofemoral joints are congruent.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Focal nodular homogeneous appearance of the caudate process of the caudate hepatic lobe, the differential diagnosis includes nodular hyperplasia, regenerative nodules, and benign neoplasia, for example, hepatic adenoma.
- Otherwise, normal hepatic parenchyma
- Otherwise, normal abdomen.
- Unique pulmonary osteoma, incidental
- Otherwise, normal thorax. No evidence of pulmonary mass or soft tissue nodules.
- L2-L3 and L7-S1 intervertebral disc disease, impinging on the spinal cord and roots.
- Multifocal thoracic and lumbar spondylosis deformans
- Large right-sided thoracic wall body wall lipoma.
- Right side abdominal wall body wall lipoma.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Due to the tomographic characteristics of the nodular shape of the hepatic caudate lobe with the homogeneous enhancement in post-contrast series, the major probability is that the lesion is benign, for example, a regenerative or hyperplastic nodule or hepatic adenoma. A malignant neoplastic process is less likely, and the differential diagnosis includes hepatocellular carcinoma, cholangiocarcinoma, round cell neoplasm, or hemangiosarcoma. A FNA exam is suggested. In addition, correlate these findings with laboratory analysis.



PATIENT Correlate the L2-L3 and L7-S1 findings with a neurological exam. These findings could be associated with the reported clinical signs of scuffing both pelvic limbs.

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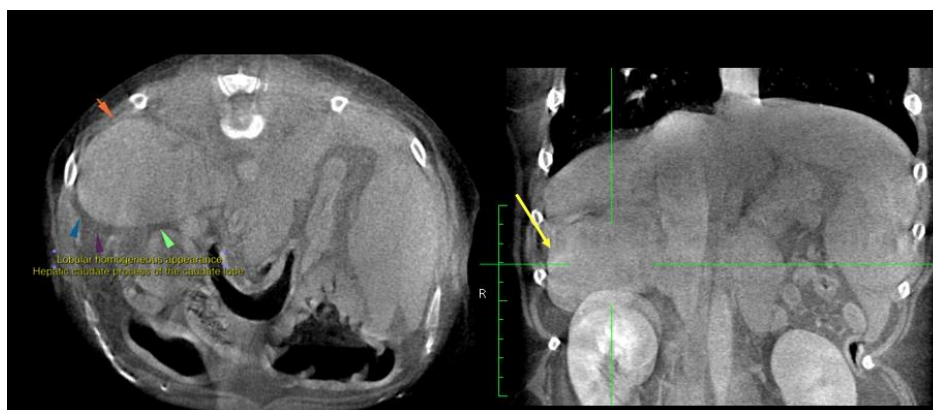
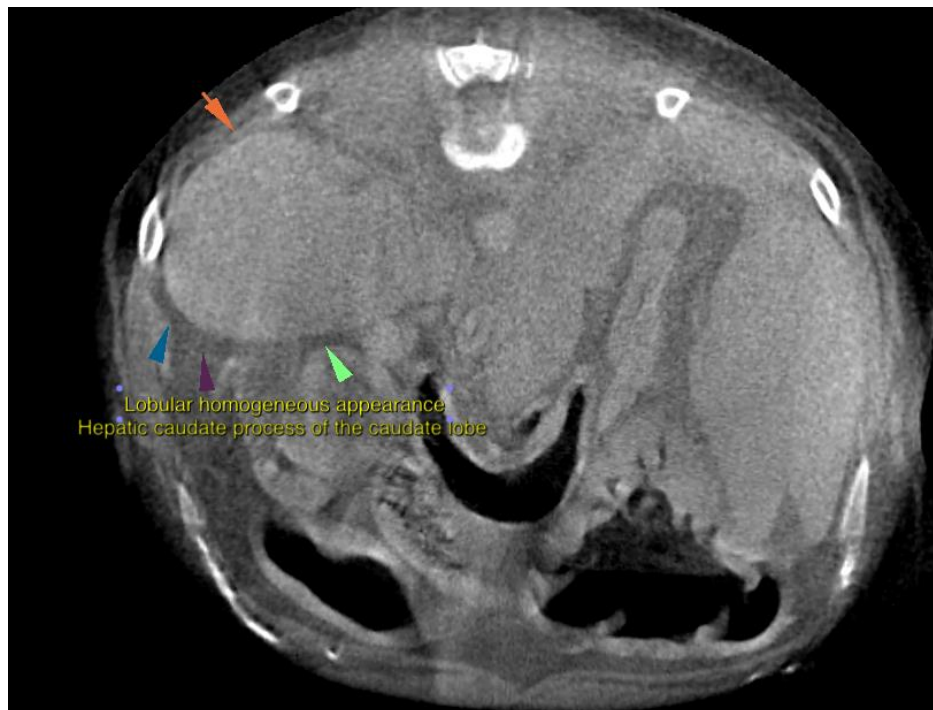
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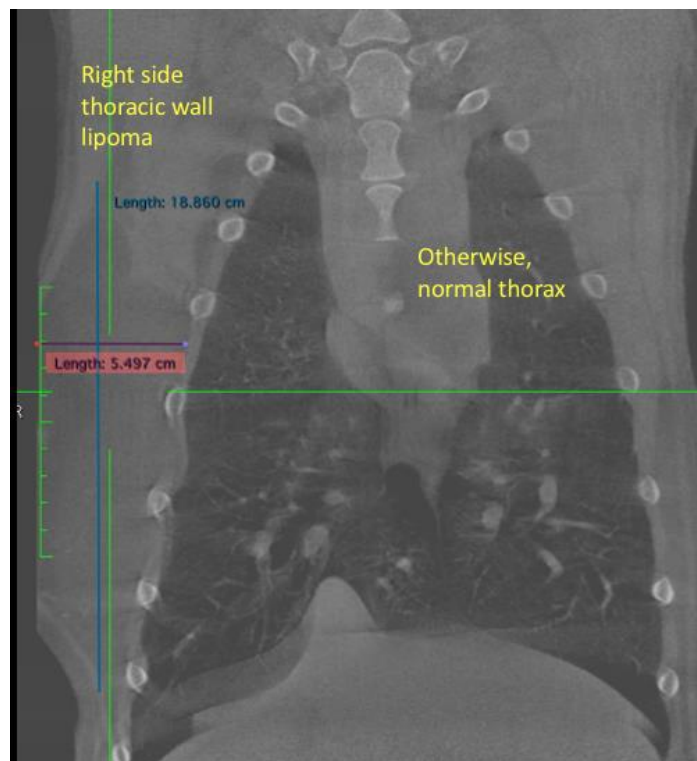
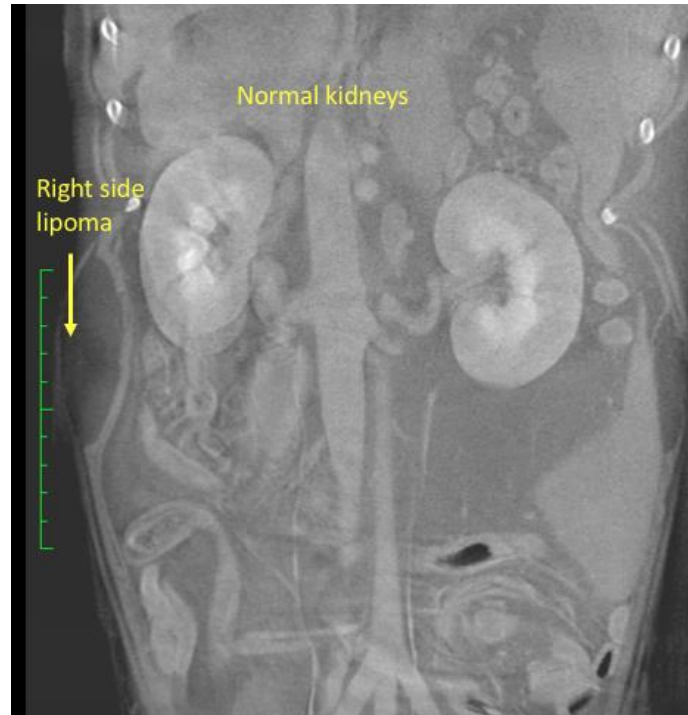
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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