



PATIENT

Sprinkles Hindy

PRESENTING CLINICAL SIGNS

SQ growths/masses throughout body. 1) Hx of suspected IVDD or a herniated disc in the lower back 2) Mild to moderate Proteinuria open for cushings disease vs kidney disease vs hypertension vs other 3) Hx of ongoing Grade 2/6 heart murmur 4) Hx of missing right eye 5) Hx of cushings disease 6) Hx of ALKP elevation 7) Overweight 8) Dental disease
 Abnormal PE/Chem/CBC/UA Results: Multiple SQ growths/masses mostly around LEFT axilla/ humerus, thorax. Missing OD. Overweight.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, ABDOMEN, & PELVIS

BREED

Maltipoo

Plain and post contrast studies of the head, neck, and abdomen and post contrast study of the thorax available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Female Spayed

Head / Neck

The right eye is absent.

AGE

8 Years

There is moderate skull and facial bone asymmetry.

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. No evidence of pituitary gland enlargement is seen. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

A moderate amount of fluid attenuating material is present within both nasal cavities. There is no evidence of turbinate destruction or a mass lesion. No evidence of dentonasal fistulae is seen.

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The dentition is incomplete. Triadans 102, 105, 106, 205, 206, 210, 401, 402, and 404 are absent. The remaining teeth present moderate multifocal periodontal disease accentuating the triadans 103, 104, 108, 204, and 403.

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Both lobes of the thyroid gland are included and present within normal limits.

Number, alignment, and anatomy of the cervical vertebrae present within normal limits. No evidence of intervertebral disc hernia or compressive myelopathy is seen in the cervical spine.

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Thorax

Number, alignment, and anatomy of the thoracic vertebrae present within normal limits.

A small soft tissue attenuating subcutaneous nodule of 4mm diameter is seen craniolateral of the left shoulder.

DATE

1-24-22

Moderate dorsal flattening of the caudal cervical and thoracic trachea is seen.

There is moderate left mainstem bronchial collapse. The left atrium appears to be slightly enlarged when compared with the aorta. No evidence of pulmonary venous congestion and no



PATIENT evidence of cardiogenic pulmonary edema is seen.

Sprinkles Hindy The findings of the lung and bronchial tree are considered within age related normal limits.

No evidence of mediastinal lymphadenomegaly is found.

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Abdomen / Pelvis

Canine
The patient is obese.

BREED A subcutaneous nodule is seen in the right craniolateral abdominal wall.

Maltipoo Number, alignment, and anatomy of the lumbar vertebrae present within normal limits.

Mild T12/L13, T13/L1, and L7/S1 disc protrusions are noted.

SEX Moderate bilaterally symmetric adrenomegaly is seen. The average pole diameter for the adrenal glands is 9mm.

Female Spayed

AGE The liver presents moderate generalized enlargement with slightly rounded lobar margins. A partial filling defect is seen within the extrahepatic portal vein level with the portal hilus immediately prior to the portal vein branching. No evidence of extrahepatic portosystemic shunts is seen.

8 Years

Occasional hyperenhancing splenic nodules are noted.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspect portal vein thrombosis.
- Bilaterally symmetric adrenomegaly.
- Hepatomegaly.
- Splenic nodules.
- Multiple subcutaneous nodules.
- Bilateral nondestructive rhinitis.
- Absent right eye.
- Multifocal moderate periodontal disease in an incomplete dentition without evidence of dentonasal fistula.
- No evidence of significant compressive myelopathy.
- Structurally normal presentation of the pituitary gland.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for functional hyperplasia of the adrenal cortices with hyperadrenocorticism, hypercoagulable state, and portal vein thrombosis. The thrombus does not appear to occlude the portal vein completely; however, portal hypertension may be present and at this time, there is no evidence of acquired extrahepatic portosystemic shunts (yet).

DATE

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The hepatomegaly is likely to represent steroid induced hepatopathy.

No evidence of pituitary gland enlargement is seen, however, microadenoma is a potential.



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The splenic nodules are likely to represent benign nodular hyperplasia or extramedullary hematopoiesis. Secondary neoplasia cannot be ruled out entirely but is considered unlikely.

At this time, the treatment of the portal vein thrombosis should be considered a priority.

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The CT presentation of subcutaneous nodules is unfortunately unspecific and further workup requires fine needle aspiration in order to rule out soft tissue neoplasia.

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Maltipoo

SEX

Female Spayed

AGE

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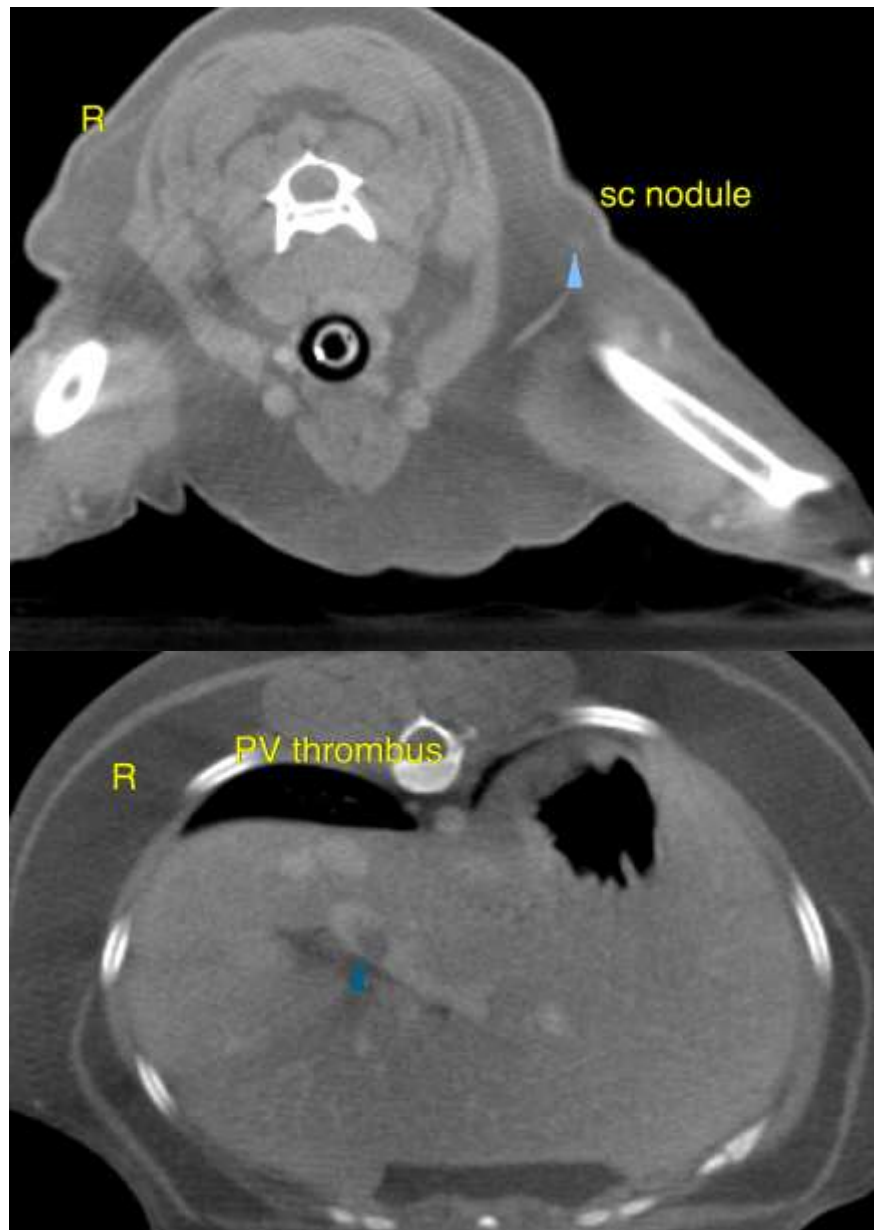
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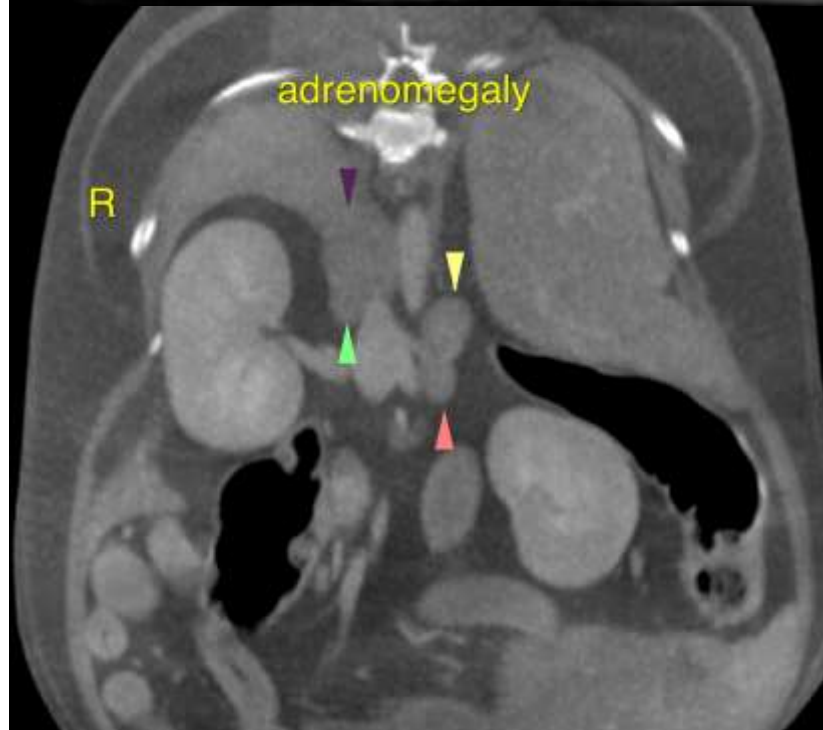
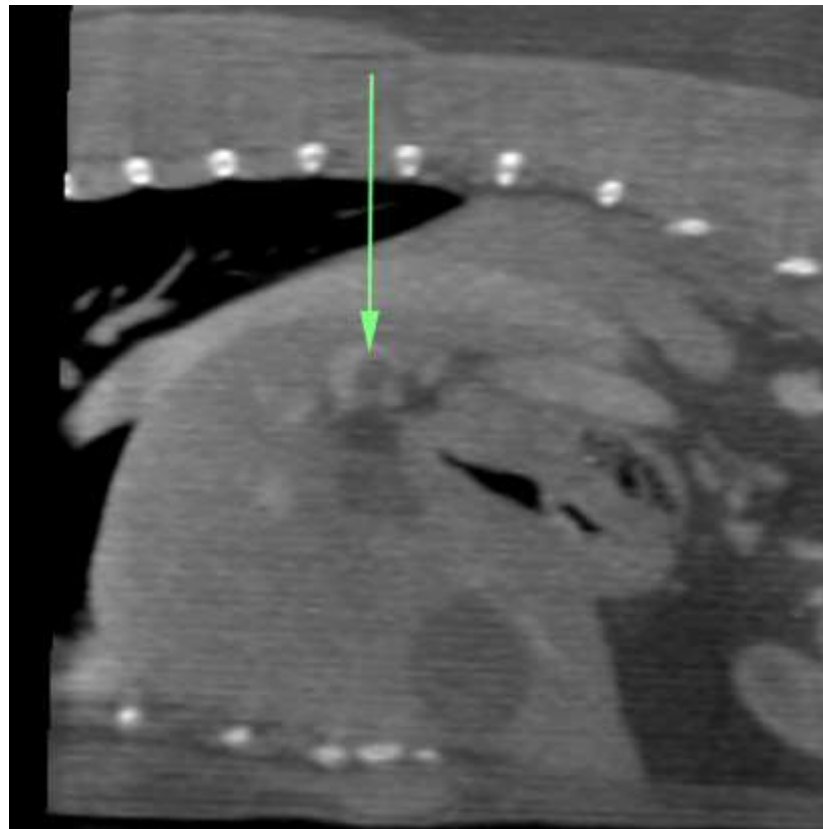
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

BREED

Maltipoo

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