



PATIENT PRESENTING CLINICAL SIGNS

Cooper Ruppel
SPECIES
 Canine
BREED
 Schnauzer Mix

P is a 12 yo Schnauzer who presented on emergency for diarrhea of 1 day duration and acute onset vomiting this AM, p was inappetent. P is currently on Gabapentin for arthritis, Veteryl for Cushings. P has historic grade III/VI left systolic murmur, no coughing or respiratory signs, no medications currently. On PE p mildly painful on abdominal palpation, normothermic, labs today - snap CPL normal, ALT 190 (N<125) - historic, ALP 859 (212) historic, improved. No known toxin or FB exposure. Also pawing at R side of face, Grade 3 of 4 dental disease, no obvious draining tracts or abscesses noted.
 Abnormal PE/Chem/CBC/UA Results: ALT 190 (n<125) ALP 859 (n<212)

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

A complete set of radiographs of the thorax and abdomen is provided for review.

RADIOGRAPHIC FINDINGS

SEX
Thorax

Neutered Male
 The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

AGE
 12 Years
 The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

INTERPRETED BY
 Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

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The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

Level with the 9th left intercostal space, a roundish, well-defined soft tissue nodule is seen, measuring approximately 1.9 cm in diameter.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

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Abdomen

Dr. Hickenbottom
 The surrounding bony structures are within normal limits.

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No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.

The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

DATE
 7-26-22

The hepatic volume is moderately increased the liver is protruding beyond the costal arch; the gastric axis is deviated caudally. The caudoventral hepatic margins are rounded. Superimposed on the ventral aspect of the liver, a convex shaped mild hyperdense region is appreciated.

The splenic head is in the anticipated position and within normal limits for size and opacity.

The kidneys cannot be clearly delineated. The urinary bladder is in its anticipated position.



PATIENT

Cooper Ruppel

Superimposed on the penis, caudal to the os penis, at least 4 irregular margined, mineral opaque bodies are seen, measuring up to 2.8 mm in size.

The stomach is in its anticipated position and presents normal content.

SPECIES

Canine

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

The colon is seen in the expected position and presents with appropriate content.

BREED

Schnauzer Mix

- Solitary soft tissue nodule left caudal lung lobe
- Hepatomegaly
- Urethrolithiasis versus dystrophic mineralization caudal to os penis
- Suspect mineralized biliary sludge

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The solitary pulmonary nodule is not specific, and potentials include neoplasia (primary versus metastasis), granuloma, bronchogenic cyst, round pneumonia/mucus impaction. Ultrasound guided FNA sampling might be tried for further workup – placing the patient in left lateral recumbency for 10 minutes prior to the ultrasound may help to increase visibility of the nodule by induction of compression atelectasis of the overlying lung parenchyma.

AGE

12 Years

Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy, hepatitis or neoplastic infiltration. Ultrasound including FNA sampling can be used as minimally advanced diagnostic tests.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The mineralized bodies superimposed on the penis, caudal to the os penis can present urinary calculi located in the urethra – but no history of dysuria – or dystrophic mineralization of the overlying soft tissues.

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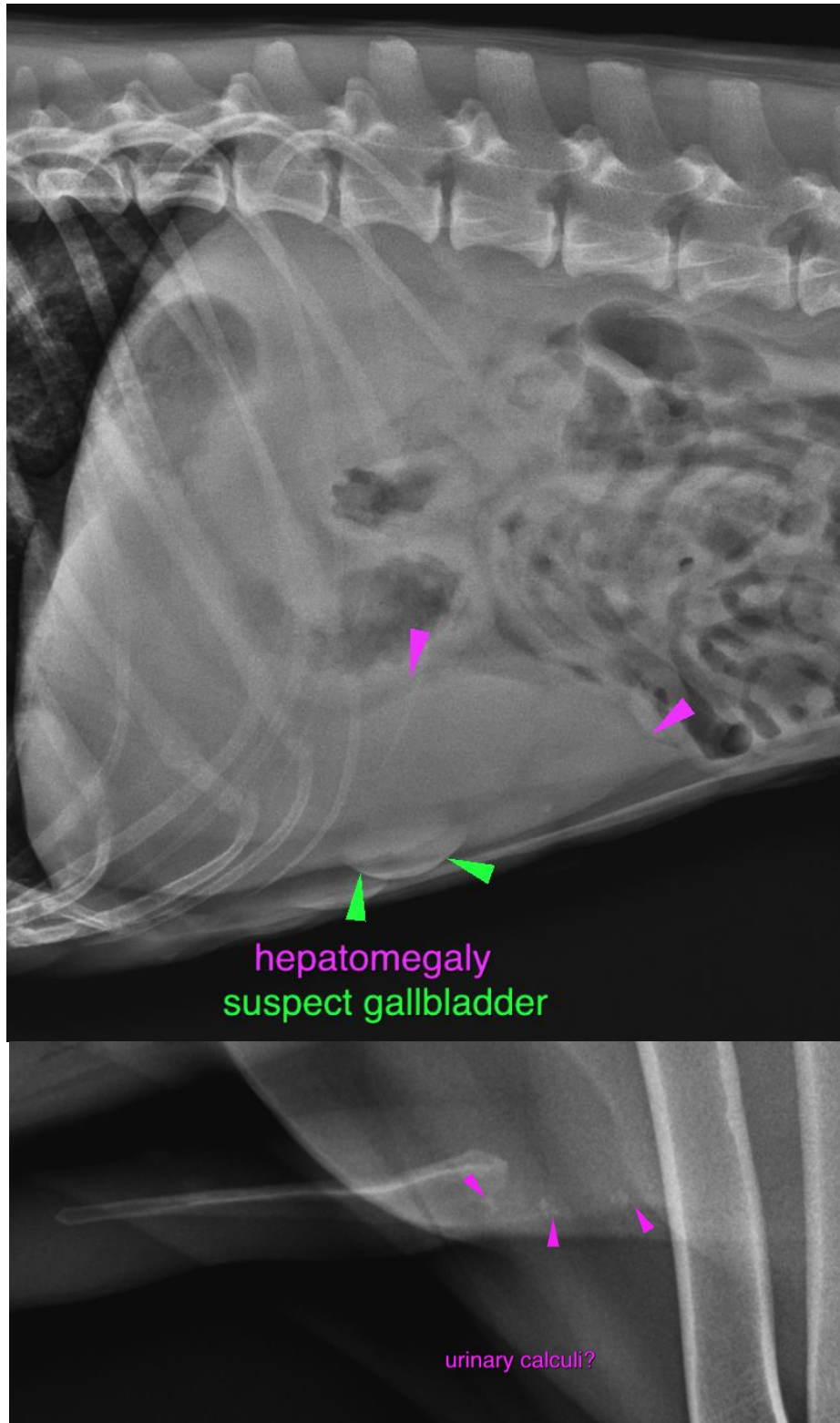
Dr. Hickenbottom

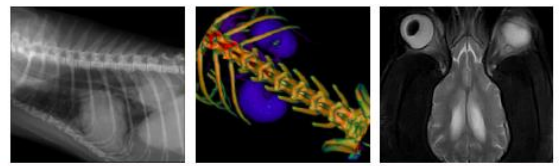
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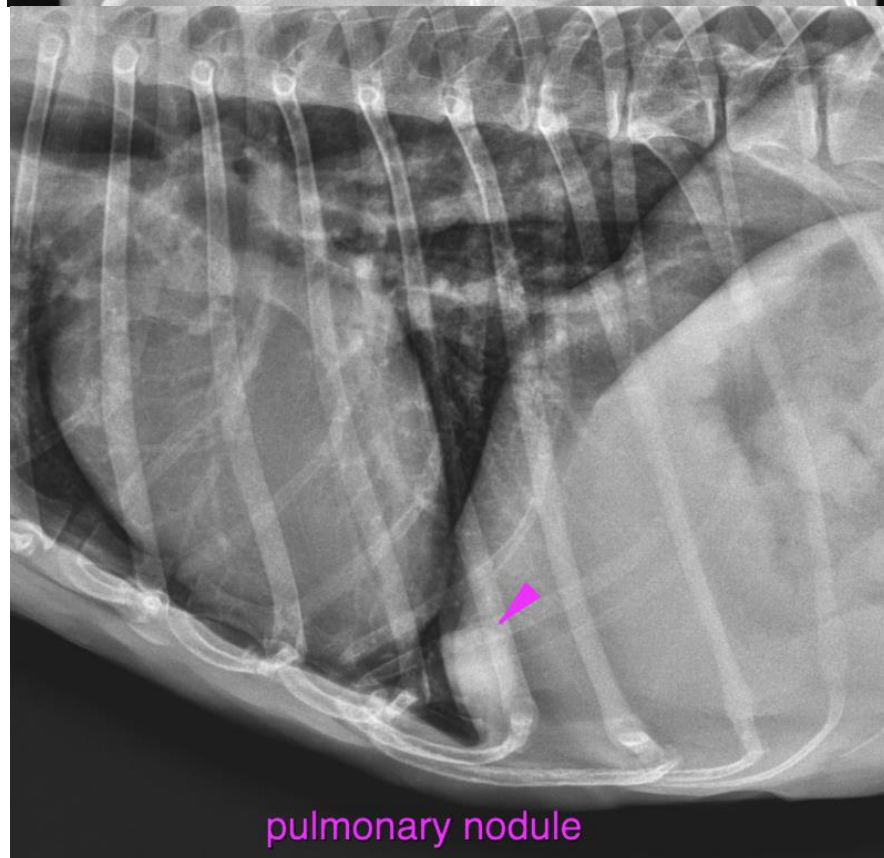
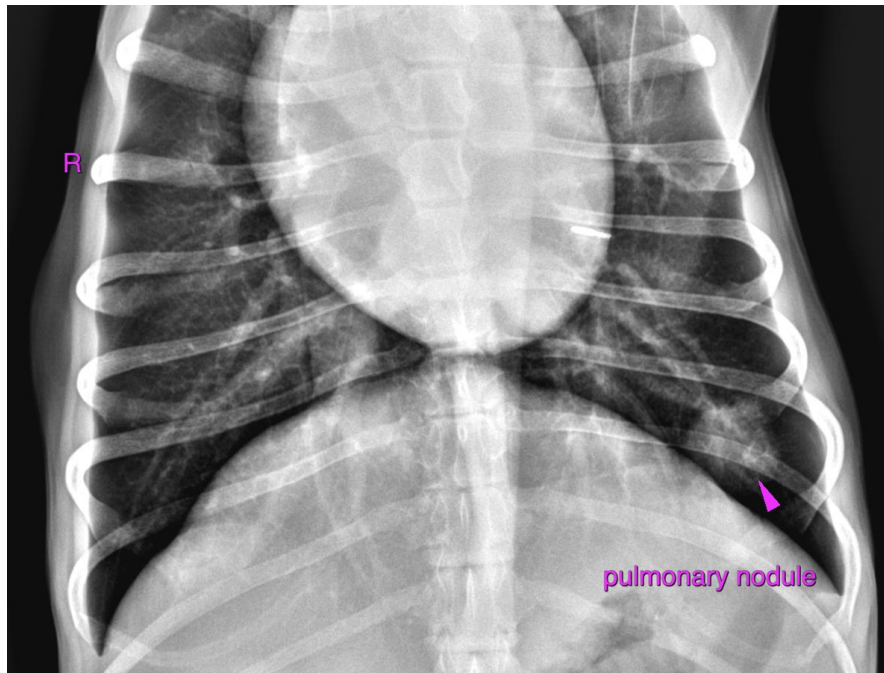
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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

Schnauzer Mix

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SEX

Neutered Male

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