



PATIENT PRESENTING CLINICAL SIGNS

Sam Perilla History: Came for dental check. Coughing 3-4 times daily dry cough, sometimes looks like gagging. Abnormal PE/Chem/CBC/UA Results: Enlarged abdomen specially the cranial abdomen. Heart murmur from left side 2/6 Blood work reveals elevated ALT & ALKP. Elevated Amylase & Lipase, elevated SDMA & Cholesterol.

SPECIES

Canine **RADIOGRAPHIC STUDY OF THE THORAX AND ABDOMEN**

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

BREED

RADIOGRAPHIC FINDINGS

Beagle

Thorax

SEX

The vertebral endplates T5/T6 present moderate spondylosis formation.

Neutered Male

The extrathoracic soft tissues present homogeneous without abnormalities.

AGE

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.

9 Years

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.

INTERPRETED BY

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

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected. The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

HOSPITAL NAME

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

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Abdomen

REFERRING VET

Multifocal moderate spondylosis formation is seen along the lumbar spine. Both coxofemoral joints present mild osteophyte new bone formation.

Elhamy Ghobrial

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.

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The hepatic volume is moderately increased and the margins are rounded; the gastric axis is displaced caudally. A roundish homogeneous soft tissue structure is superimposed on the caudoventral aspects of the liver, ventral to the gastric pylorus.

DATE

9/22/21

The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic body and tail are considered normal for position, size, shape and opacity.



PATIENT Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.

Sam Perilla

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

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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

Beagle

RADIOGRAPHIC DIAGNOSIS

- Significant hepatomegaly with rounded margins and potential hepatic soft tissue mass
- Spondylosis deformans
- Mild degenerative osteoarthritis coxofemoral joints bilaterally
- No evidence of pulmonary metastatic disease

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

9 Years

The hepatic enlargement in conjunction with the potential soft tissue mass are concerning for hepatic neoplasia or regeneration nodule or less likely hepatic cyst. Accompanying hepatic metabolic disease or hepatitis are likely to contribute to hepatomegaly as well. An abdominal ultrasound examination can be used for further definition and will allow FNA sampling if applicable.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
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No abnormalities are appreciated explaining the history of cough. However, normal thoracic radiographs do not rule out bronchitis completely.

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PATIENT

Sam Perilla

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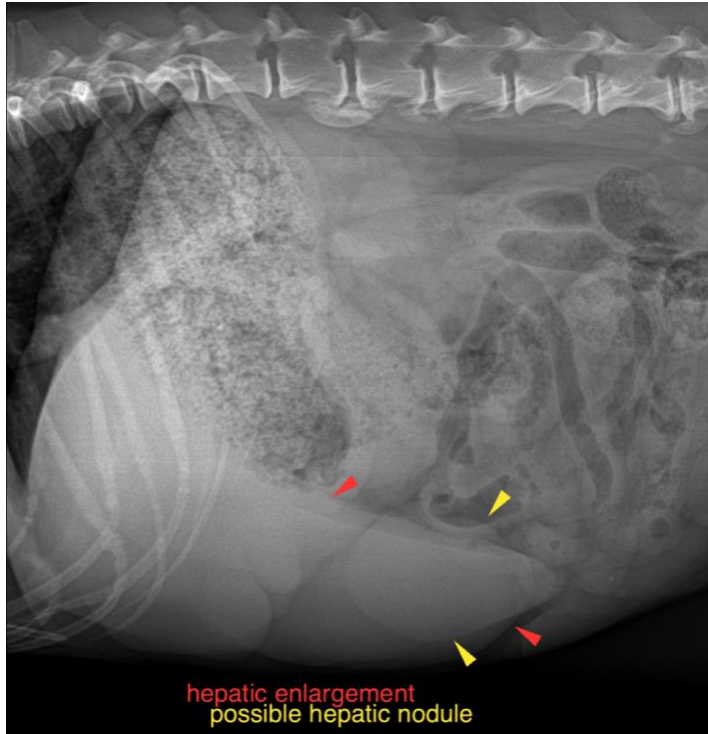
Beagle

SEX

Neutered Male

AGE

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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

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