



PATIENT

Nemo Zarzuela

SPECIES

Canine

BREED

Shih Tzu

SEX

Male

AGE

17 Years

WEIGHT

12 lbs

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

IMAGING PERFORMED BY

Carmen

HOSPITAL NAME

Animal Clinic of
Queens

REFERRING VET

Dr. Mucera

INVOICE

16044

DATE

05/08/26

PRESENTING CLINICAL SIGNS

Pt unwell, potential mass on palpation

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

An overview study including the thorax and abdomen in three orthogonal image planes is provided for review.

RADIOGRAPHIC FINDINGS

Thorax

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

The heart is of normal size and shape, there is no evidence of cardiac chamber enlargement. The aortic arch is prominent. The pulmonary vasculature is within normal limits.

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.

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.

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

Abdomen

In the subcutaneous tissue at the left lateral aspect of the spinous process of L6, an irregular mineralized nodule is seen.

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

The serosal detail is lost and the margins of the abdominal organs are partially effaced.

The hepatic volume is increased, the caudoventral hepatic margins are rounded and are protruding caudally beyond the costal arch. The gastric axis is deviated caudally. The hepatic parenchyma has a homogeneous soft tissue opacity. The intestinal structures in the right cranial abdominal quadrant are deviated caudally by the mass effect.

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

The stomach presents normal content.

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.



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RADIOGRAPHIC DIAGNOSIS

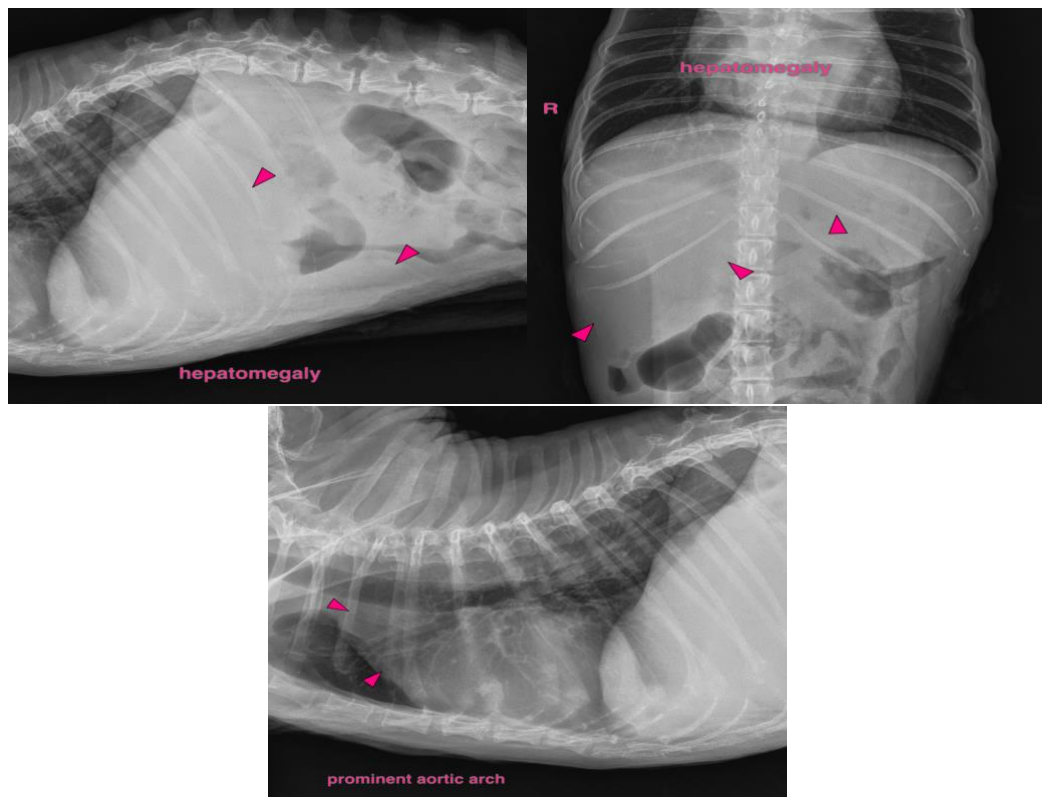
- Significant hepatomegaly
- Lost abdominal serosal detail
- Prominent aortic arch
- Subcutaneous dystrophic mineralization level L6

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Potentials for the hepatomegaly include metabolic hepatic disease/steroid induced hepatopathy ± hepatitis or neoplastic infiltration. Ultrasound can be used for specification and will allow FNA sampling as advanced minimally invasive diagnostic tool.

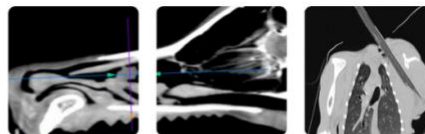
The lost abdominal serosal detail can be caused by the lack of peritoneal fat ± peritoneal effusion.

The prominent aortic arch can be a sign for systemic hypertension.



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.

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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