



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Leopold Tan **PRESENTING CLINICAL SIGNS** History: Mass noted in left inguinal region July 13, 2022. Cytology showed sarcoma of the left hip -- most consistent with OSA. CT today for staging and possible surgical planning.

SPECIES Abnormal PE/Chem/CBC/UA Results: Grade IV-V/VI heart murmur Ambulation: Reluctant to stand. Hard non movable mass left hip. Measures 8.5 x 8.5 x 6 cm.

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

BREED A pre- and post-contrast CT study of the thorax and in a bone, lung and soft tissue reconstruction are provided for review.

Miniature Schnauzer

COMPUTED TOMOGRAPHIC FINDINGS

SEX Thorax

SEX Neutered Male The intervertebral disc spaces C4/C5 to C7/T1 are moderately narrowed and the respective vertebral endplates present moderate spondylosis formation.

AGE 17 Years The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

INTERPRETED BY Sebastian Schaub, DVM Dr. med. vet. DipECVDI The right atrium is moderately distended. The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits. The lung parenchyma presents the expected architecture and attenuation behavior.

HOSPITAL NAME Animal Health Partners Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Abdomen

REFERRING VET Dr. Jerome Gagnon The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

INVOICE 16479 The volume of the right kidney is moderately decreased in comparison to the contralateral kidney. Post contrast administration, the renal cortex presents with well-defined, spherical, variable shaped parenchymal filling defects, measuring up to 5 mm in diameter.

16479 The adrenal glands are within normal limits for size, shape and organ architecture.

DATE

7/22/22



PATIENT	The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.
Leopold Tan	In the cranial aspect of the quadrate liver lobe, adjacent to the diaphragm, a well-defined parenchymal filling defect is seen. 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.
SPECIES	
Canine	The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.
BREED	
Miniature Schnauzer	The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.
SEX	
Neutered Male	At the right craniolateral abdominal wall, a fat attenuating convex shaped mass is seen, measuring 4.8 x 2.1 x 8.0 cm in size. The fat attenuating mass is merging with the internal oblique abdominal muscle at the same level.
AGE	
17 Years	The intervertebral discs T13/L1 & L1/L2 are moderately protruding into the vertebral canal, occupying approximately up to 35% of the cross-sectional area of the vertebral canal at the same level. The vertebral endplates of the lumbosacral junction present moderate spondylosis formation.
INTERPRETED BY	
Sebastian Schaub, DVM Dr. med. vet. DipECVDI	The left medial iliac lymph node is moderately enlarged and rounded. Centered on the left obturator foramen, a soft tissue attenuating mass with multifocal amorphous mineralization is protruding into the pelvic canal dorsally and along the medial aspect of the left thigh distally; the mass is measuring 10.1 x 5.2 x 8.4 cm in size. The left ischial bone and left pubic bone present permeative osteolytic lesions – including the left acetabulum. The mass is crossing the midline and the right pubic bone presents with osteolytic lesions. The rectum is displaced dorsally and to the right by the mass effect and is compressed, right sided deviation of the in the pelvic canal is seen. The volume of the left thigh musculature is significantly decreased
HOSPITAL NAME	
Animal Health Partners	COMPUTED TOMOGRAPHIC DIAGNOSIS
REFERRING VET	<ul style="list-style-type: none"> • Soft tissue mass centered on the floor of the left hemipelvis and extending along the medial aspect of the left thigh with dystrophic mineralization and polyostotic aggressive osteolytic lesions of the associated bones • Lymphadenopathy left medial iliac lymph node • Advanced disuse atrophy left thigh musculature • Infiltrative lipoma right craniolateral abdominal wall • Right sided chronic nephropathy • Hepatomegaly
Dr. Jerome Gagnon	<ul style="list-style-type: none"> • Bilateral renal cortical cysts • Hepatic cyst • Intervertebral disc protrusion T13/L1 and L1/L2 with compressive myelopathy • Chronic discopathy caudal cervical spine
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- Spondylosis deformans
- No evidence of pulmonary metastatic disease

Leopold Tan

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The mass centered on the floor of the left hemipelvis is supporting the diagnosis of potential osteosarcoma. Complete surgical resection will warrant resection of the left hemipelvis and entire floor pelvic floor.

BREED

Miniature Schnauzer

The odds for metastatic spread to the left medial iliac lymph nodes are considered high.

Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

SEX

Neutered Male

AGE

17 Years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

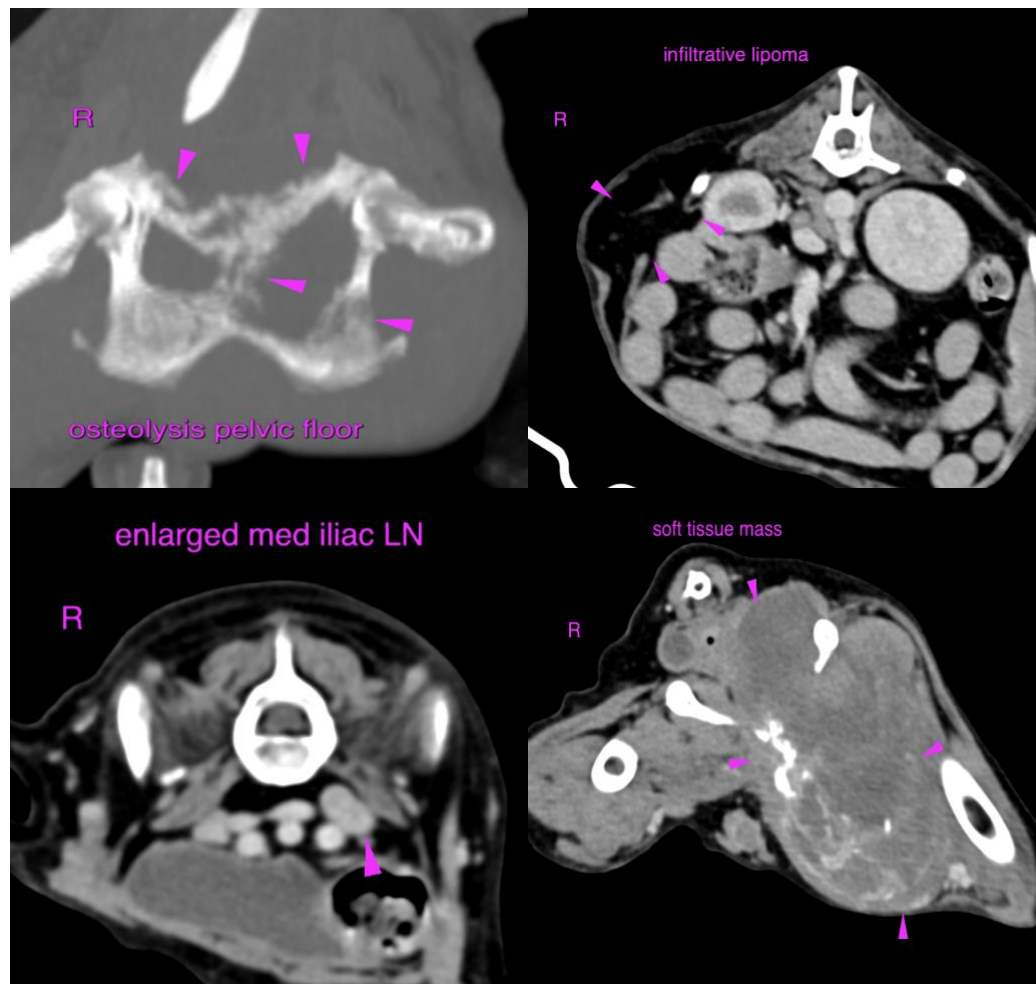
Dr. Jerome Gagnon

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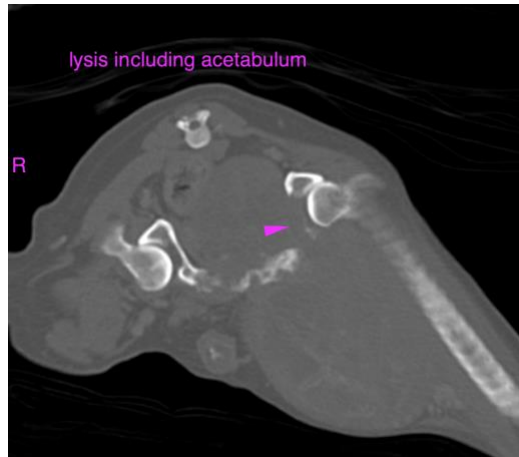
Leopold Tan

SPECIES

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BREED

Miniature Schnauzer



SEX

Neutered Male

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.

AGE

17 Years

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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