



**PATIENT**

Sapphire Fisher

**PRESENTING CLINICAL SIGNS**

Presented to surgeon due to Mass over dorsum, suspect fibrosarcoma. Renal disease

**SPECIES**

Feline

**COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

A high resolution pre- and post-contrast CT study of the abdomen and a post-contrast CT study of the thorax are provided for review.

**BREED**

DSH

Thorax

The bony and surrounding soft tissue structures are within normal limits.

**SEX**

Female Spayed

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.

**AGE**

16 Years

The cardiovascular structures including the pulmonary vasculature are within normal limits.

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.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior but regions of dystelectasis most accentuated level with the heart.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**HOSPITAL NAME**

Mobile Pet Imaging

Abdomen

In the subcutaneous tissue at the right laterodorsal aspect of the lumbar spine, level with L1 to L4, an irregular shaped, plaque like soft tissue attenuating mass with central mild mineralization and a heterogeneous contrast enhancement pattern is visible. The mass is measuring approximately 5.5 x 6.3 x 7.1 cm in size. The mass is in close contact with the epaxial and the hypaxial musculature. The external & partially the internal muscle layer are embedded within the mass at the same level.

**REFERRING VET**

Meaux

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The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

Both kidneys present irregular margins and a mild to moderately reduced volume. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

**DATE**

12-9-21

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

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

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The intervertebral disc space L7/S1 is collapsed, and the subchondral bone of the respective vertebral endplates presents moderate sclerosis.

**COMPUTED TOMOGRAPHIC DIAGNOSIS****BREED**

DSH

- Large soft tissue mass laterodorsal aspect cranial lumbar spine with invasion of the dorsal parts of the outer layers of the abdominal wall
- Chronic nephropathy
- No evidence of pulmonary metastatic disease
- Chronic discopathy L7/S1

**SEX**

Female Spayed

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The irregular soft tissue mass at the right craniolateral aspect of the lumbar spine is supporting the diagnosis of fibrosarcoma. The mass is involving the proximal aspects of the external & internal oblique muscle at the same level and is in close proximity to the epaxial musculature at the same level. Although complete surgical resection of the mass appears feasible, there is high risk for recurrence of the mass and adjuvant radiation therapy or chemotherapy might be considerations.

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There is no evidence of metastatic disease.

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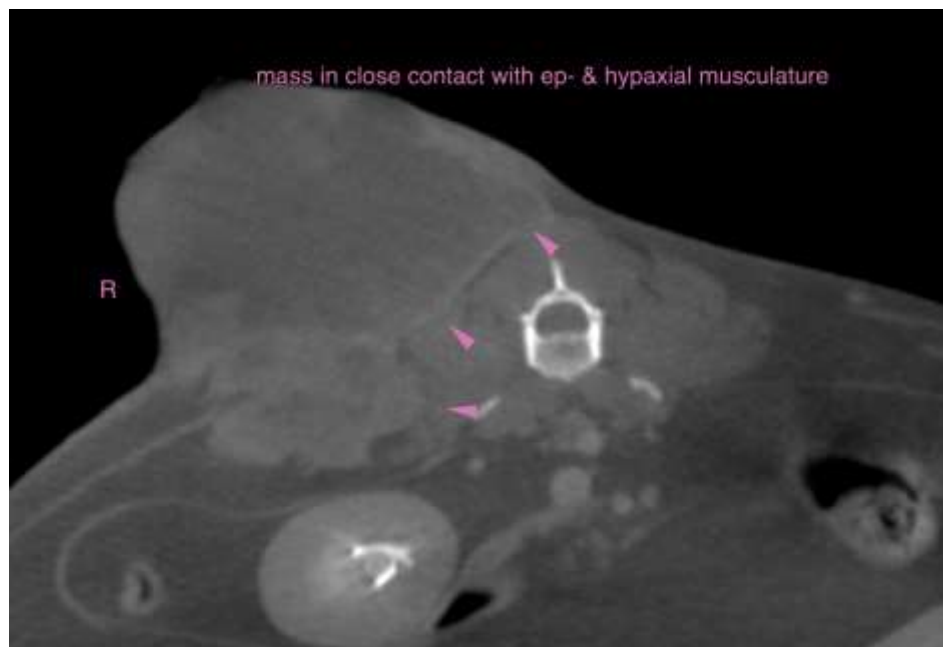
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Feline

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