



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Sheena Fillion

SPECIES
Canine

BREED
Shih Tzu

SEX
FS

AGE
10 Years

INTERPRETED BY
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME
Animal Health Partners

REFERRING VET
Dr. Debbie Reynolds

PX presented initially for evaluation of multiple masses with concern for STS. Sheena has had a previous history of a surgical excision of a left flank low grade spindle cell tumour in November of 2022 (incomplete excision along the deep border with expected recurrence in 1-3 years). The mass was 9 x 11 cm on the left side of the abdomen with firm, round edges. In April of 2023, Gorham Animal Hospital noted a 4 cm mass over the left hip area which is believed to be more dorsal than the previous mass removed in November of 2022. They also noted a 3 cm mass on the right flank, similarly firm with no discrete edges. Sheena had bilateral anal gland firmness/scarring that was noticed in April of 2023 (particularly the left side). The new left flank mass has remained the same size since it was noticed in April of 2023. The family veterinarian noticed a right flank mass at that time as well. It was also noted that Sheena had anal gland thickening. No aspirations or diagnostics were performed on the masses. Abnormal PE/Chem/CBC/UA Results: Most recent bloodwork - May 1, 2023: Mild hypocalcemia - 2.10 mmol/L (ref: 2.23-2.85). Mild hypertriglyceridemia - 4.74 mmol/L (ref: 0.33-3.32). Elevated PrecisionPSL - 223 U/L (ref: 24-140)

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies in soft tissue, lung, and bone windows available for review.

Motion related stair-step artifacts noted in the thorax and abdomen.

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

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

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 are uniform and considered within normal limits.

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

Occasional age related incidental pulmonary osteomas are seen. There is no evidence of interstitial pulmonary nodules or masses. Mild generalized increase in bronchointerstitial attenuation is noted and considered within age related normal limits.

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

Abdomen

59682 The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

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8-14-23 A mild amount of mineral attenuating material is seen level with the renal papillae of both kidneys. There is no evidence of pyelectasia or ureteral obstruction.

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



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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.

BREED

Shih Tzu

The patient has a history of prior removal of a soft tissue mass in the left flank. Regional ill-defined irregular thickening of the subcutaneous tissue with involvement of the abdominal wall muscles is seen in the left flank over a length of 4.5 cm and height of 4 cm caudal to the ribcage. There appears to be thin soft tissue attenuating bands between the dermal, subcutaneous, and muscular tissues. Mildly increased contrast enhancement and ill-defined margination are seen. An additional discrete mass cannot be identified in the left or right flank or in the left hip area.

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The regional lymph nodes present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of removal of a subcutaneous soft tissue mass in the left flank.
- Deep subcutaneous and abdominal wall muscle scarring in the left flank.
- No additional masses identified in the left and right hip and flank areas.
- No evidence of regional lymphadenomegaly.
- No evidence of pulmonary metastases.
- Bilateral hypercalcemic nephropathy.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The CT study reveals irregular subcutaneous and muscular soft tissue thickening in the left flank which is assumed to represent the area of prior mass removal. The findings suggest presence of scar tissue formation. Emerging local tumor regrowth cannot be ruled out entirely but appears less likely based on the CT findings. Regional cellulitis is a possible but by far less likely differential diagnosis.

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At this time, there is no evidence of metastatic disease to the regional lymph nodes or lung.

Additional masses could not be identified in the left hip or right flank areas.

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INVOICE

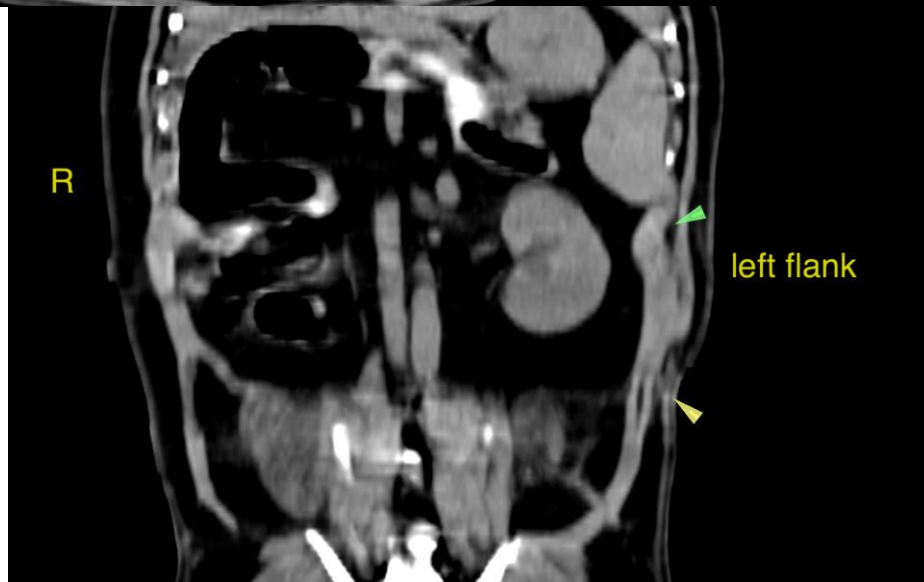
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left flank
muscular & sc thickening



left flank

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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