



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Levi Fitzpatrick

SPECIES
Canine

Levi is a 13yr old Puggle Canine, MN that presented for further evaluation and +/- mass removal of a Mast Cell that was FNA by Dr. Ward on the abdominal midline. Levi does have a history of having a Mast Cell excised about 7 years ago with complete margins. Levis did have an ultrasound with Dr. Ward to make sure there was no metastasis last week. Levi was cleared for no further metastasis in the abdomen. Levi otherwise has occasional intermittent diarrhea and is on Blue Buffalo. Levi is currently on Prednisone 5mg PO SID, Benadryl 50mg PO BID, and Pepcid 10mg PO SID. Owner states Levi is eating and drinking well at home.

BREED COMPUTED TOMOGRAPHY OF THE NECK, THORAX AND ABDOMEN

BREED
Puggle

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

COMPUTED TOMOGRAPHIC FINDINGS

SEX
Thorax

SEX
MN

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

The vertebral endplates T12/T13 present moderate spondylosis formation.

AGE
13 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 lung parenchyma is hypoinflated and multiple regions with compression atelectasis of the lung is appreciated. The lung parenchyma presents with randomly distributed interspersed punctuate mineralization.

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

HOSPITAL NAME
Abdomen

HOSPITAL NAME
Critical Vet
Care/Suncoast
Veterinary

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

REFERRING VET
Dr. Young

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

INVOICE
54278

The hepatic volume is moderately increased and the caudoventral margins of the liver are protruding caudally beyond the costal arch. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

DATE
9-26-22

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.



PATIENT

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The periarticular bones of the both stifle joints presents moderate osteophyte new bone formation.

Level with T13, in the midline at the ventral abdominal wall, an ovoid shaped, well-defined soft tissue attenuating and peripherally accentuated contrast enhancing mass, measuring 4.3 x 2.2 x 4.8 cm in size.

SPECIES

Canine

Caudal to the 13th right rib, at the craniodorsal right abdominal wall, a well-defined roundish lipoma is appreciated, measuring 4.4 cm in diameter.

The vertebral endplates L7/S1 present moderate spondylosis formation

BREED

Puggle

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of mast-cell tumor cranioventral abdominal wall
- Hepatomegaly
- Degenerative osteoarthritis stifle joints bilaterally
- Lipoma right cranioventral abdominal wall
- Spondylosis deformans T12/T13 and L7/S1
- Multiple regions of compression atelectasis of the lung parenchyma & pulmonary osteomas

SEX

MN

AGE

13 Years

The subcutaneous mass at the ventral abdominal wall is fitting the history of mast-cell tumor.

The tributary lymph nodes of the abdominal wall are small.

INTERPRETED BY

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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.

HOSPITAL NAME

Critical Vet
Care/Suncoast
Veterinary

The compression atelectasis of the lung is considered as a sequela to general anesthesia, there is no evidence of pulmonary metastatic disease, although small nodular lesions might be effaced in the consolidated areas of the lung.

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REFERRING VET

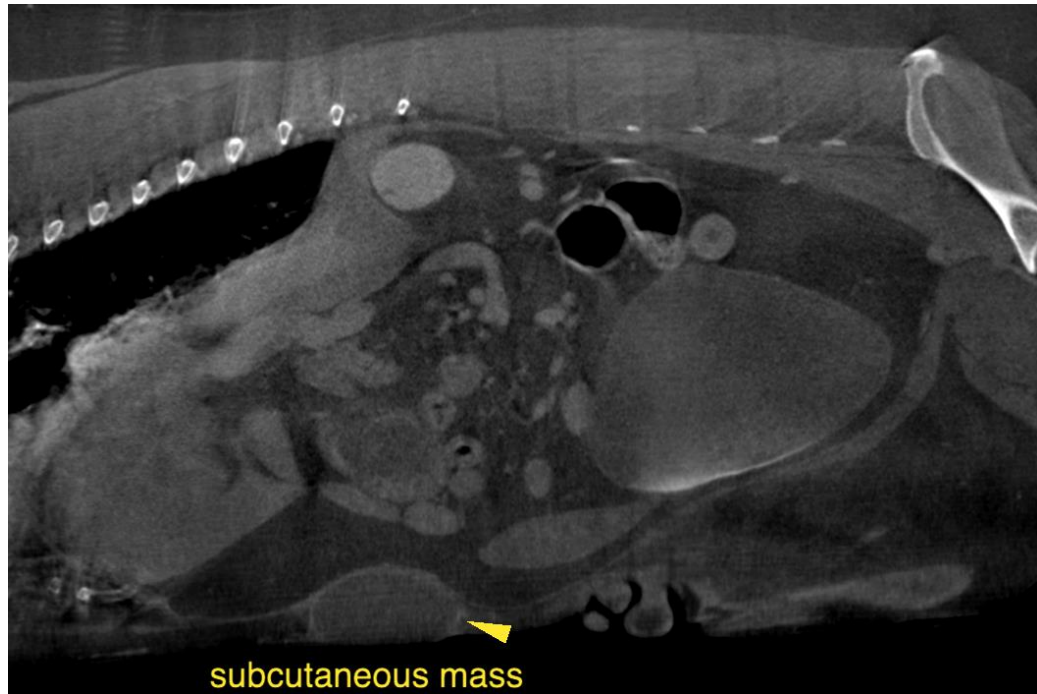
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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