



PATIENT PRESENTING CLINICAL SIGNS

Puff Thomson History: Mass on right lateral thorax first noted July 22, 2021. Fine needle aspirate done on August 6, cytology consistent with sarcoma. ALP stain for osteosarcoma was negative At least doubled in size since first noted.

SPECIES

Abnormal PE/Chem/CBC/UA Results: Palpable superficial mass: 6 x 6 x 2 cm hard sq mass non movable right lateral thorax Chemistry: ALP 449

BREED

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

SEX

Spayed Female

AGE

2 Years

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

COMPUTED TOMOGRAPHIC FINDINGS

Thorax:

Centered on the distal segment of the right 8th rib, level with the costochondral junction, an irregular spherical soft tissue attenuating mass with mild to moderate amorphous mineralization is seen. The 8th right rib shows disruption between the osseous and cartilaginous segment and mild amorphous periosteal new bone formation. Post contrast administration the mass is heterogeneous moderate contrast enhancing. The mass level with the 8th right rib is measuring approximately 5.4 x 5.1 x 6.4 cm in size and causes splaying of the 7th and 8th intercostal space. An extrapleural mass effect is noted on the lung parenchyma at the same level that is depressed by the mass. The mass is deviating and distorting the diaphragm caudally.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The sternal lymph nodes are moderately enlarged, rounded, uniform soft tissue attenuating and heterogeneous contrast enhancing.

HOSPITAL NAME

Animal Health
Partners

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.

REFERRING VET

Dr. Jerome Gagnon

Multiplöe variable sized, well-defined nodular soft tissue lesions are seen throughout the lung parenchyma, measuring up to 5 mm in size.

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

INVOICE

12596

Abdomen:

In the ventral abdomen, level with L1/L2 a roundish heterogeneous contrast enhancing nodule is visible is seen, measuring 4.5 mm in size.

DATE

8/18/21



PATIENT

Puff Thomson 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.

SPECIES

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

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

BREED

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

SEX

The bony and surrounding soft tissue structures reveal no abnormalities.

Spayed Female

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive mild osteoproliferative lesion 8th right rib, with large soft tissue component
- Structured nodular interstitial lung pattern
- Lymphadenopathy sternal lymph nodes
- Solitary heterogeneous contrast enhancing mesenteric soft tissue nodule

AGE

2 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The findings are consistent with rib tumor originating from the 8th right rib and chondrosarcoma, hemangiosarcoma, osteosarcoma are the top differentials here. In young patients, these tumors are commonly aggressive and have a high tendency to metastasize and metastasis are appreciated in the sternal lymph nodes, lung and mesentery. The long term prognosis is very guarded.

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Jerome Gagnon

INVOICE

12596

DATE

8/18/21



PATIENT

Puff Thomson

SPECIES

Canine

BREED

Beagle Mix

SEX

Spayed Female

AGE

2 Years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

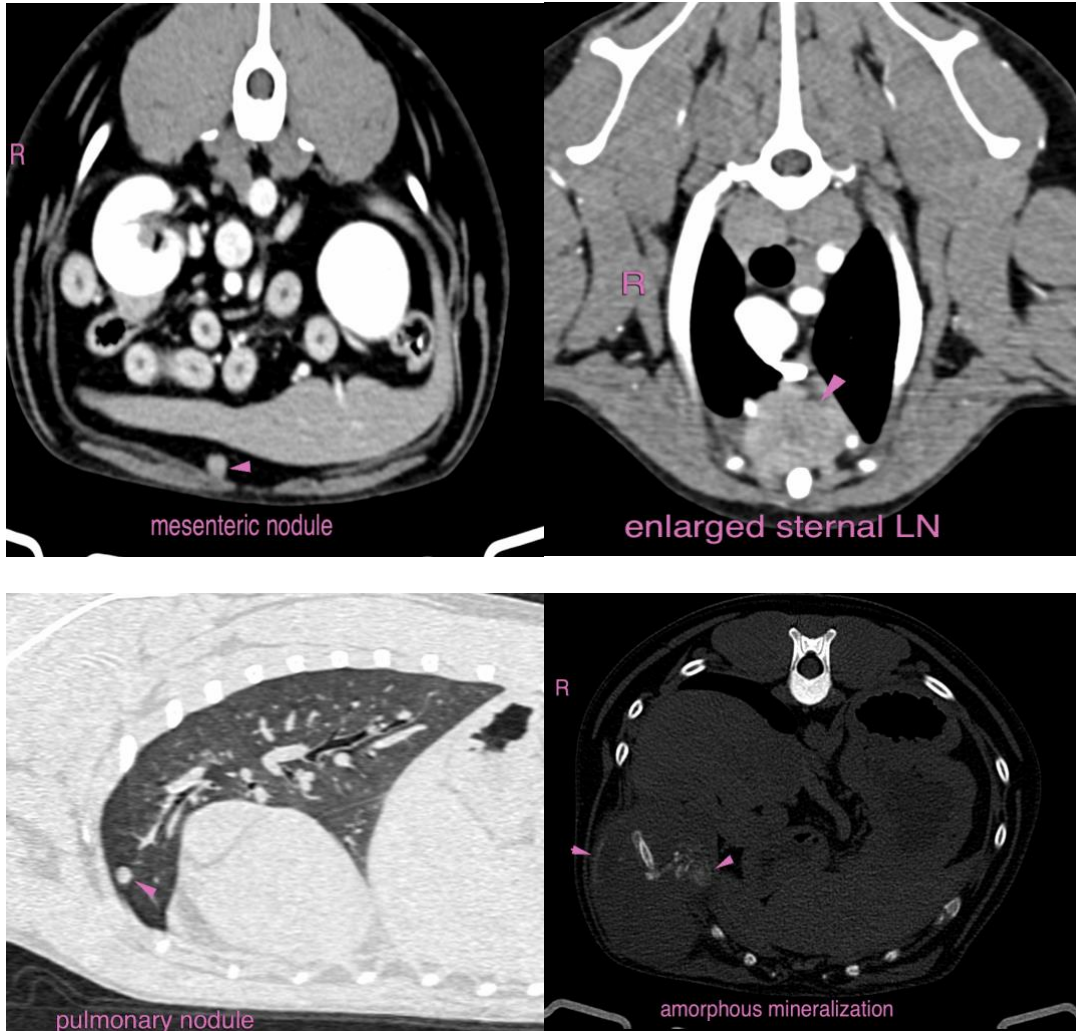
Dr. Jerome Gagnon

INVOICE

12596

DATE

8/18/21





PATIENT

Puff Thomson

SPECIES

Canine

BREED

Beagle Mix

SEX

Spayed Female

AGE

2 Years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

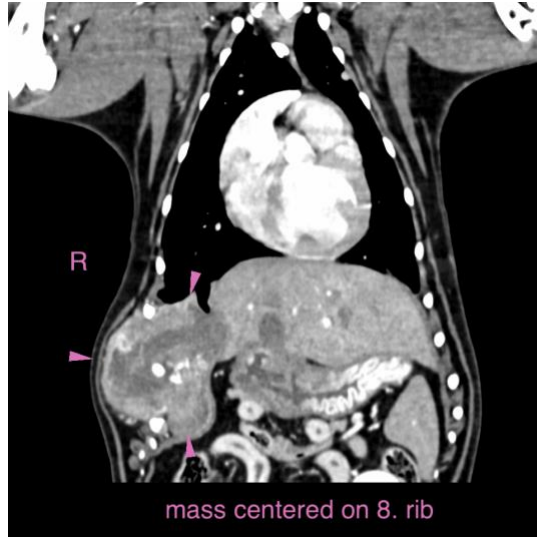
Dr. Jerome Gagnon

INVOICE

12596

DATE

8/18/21



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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com