



PATIENT PRESENTING CLINICAL SIGNS

Bernie Gepner 5/19/19- decreased appetite, vomiting 2/8/22-Patient is presenting for a mass on the right side of the rib cage. Owner originally noticed it in October of 2021 but it has now grown significantly, 3 times in size. rDVM states they are unable to operate on the lump. Vet didn't doing anything on pet, no medications. rDVM recommended to come here for further diagnostics. Pet seems unbothered by the lump, is uncomfortable when laying on that side. E/D and U/D normally. Owner noticed we may be peeing more than usual but unsure if pet is just not very well potty trained. No vomiting or diarrhea. Didn't eat today due to being around another dog in heat. UTD on vaccinations. Not on any preventatives. Diet is Blue Buffalo large breed. 2/14/22- ct case #1644865231 2/22- went to OSU for rib removal. 7/19/23- repeat CT to see progression of Cancer.

SPECIES

Canine

BREED

Mix

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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.

SEX

Male

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

AGE

4 Years, 5 Months

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

INTERPRETED BY

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

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The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

REFERRING VET

Deepan Kishore,
DVM,MS, DABVP

Thorax

In the ventral aspect of the left 3rd intercostal space an amorphous mineralized nodule is visible.

The distal segment of the 8th to 10th left rib are absent. Center on the left caudolateral thoracic wall, level with the costal cartilage of the 11th and 12th left rib, a uniform soft tissue attenuating and heterogeneous contrast enhancing mass, measuring 9.4 x 6.0 x 9.0 cm is appreciated.

INVOICE

59484

In the ventral aspect of the caudal mediastinum, a confluent, amorphous mild mineralizing mass with a heterogeneous contrast enhancement pattern is appreciated.

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

DATE

7-19-23

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.



PATIENT In the caudodorsal aspect of the left caudal lung lobe, an ovoid shaped, mass with central mild amorphous mineralization is appreciated, measuring 4.3 x 2.7 x 2.3 cm.

Bernie Gepner

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

SPECIES Abdomen

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

BREED 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.

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

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

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

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

4 Years, 5 Months

COMPUTED TOMOGRAPHIC DIAGNOSIS

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

- History of partial resection left thoracic wall due to chondrosarcoma
- Pleural mild mineralizing nodular mass left 3rd intercostal space
- Pulmonary mineralizing mass left caudal lung lobe
- Caudoventral mediastinal soft tissue mass
- Mass left caudal thoracic wall
- Structural normal skull+
- Normal abdomen

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

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DVM,MS, DABVP

The appreciated masses are consistent with metastasis of the excised costal chondrosarcoma. FNA sampling might be used to confirm the diagnosis. Recommend discussing potential palliative treatment options with oncologist.

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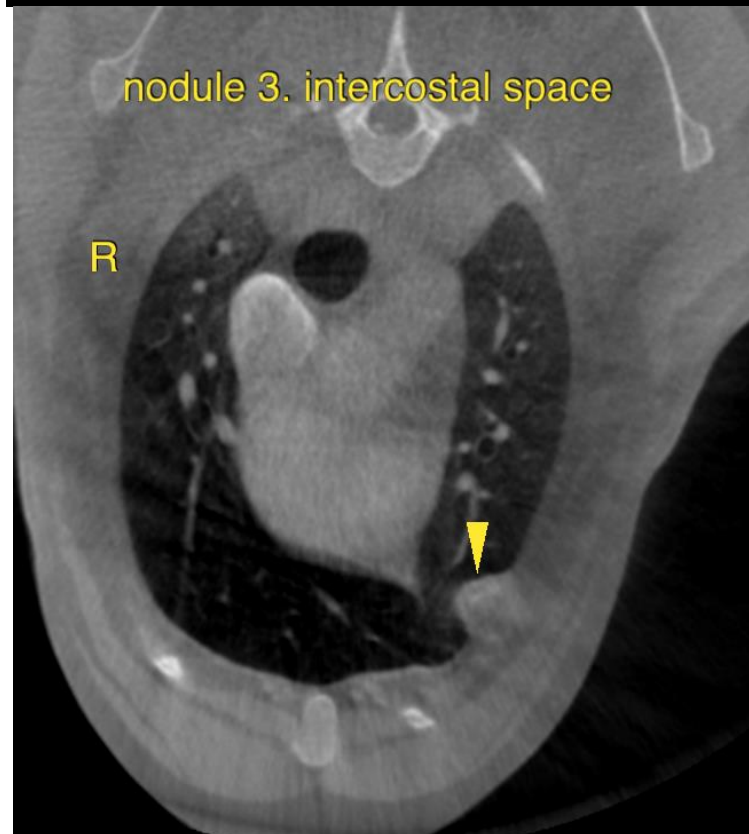
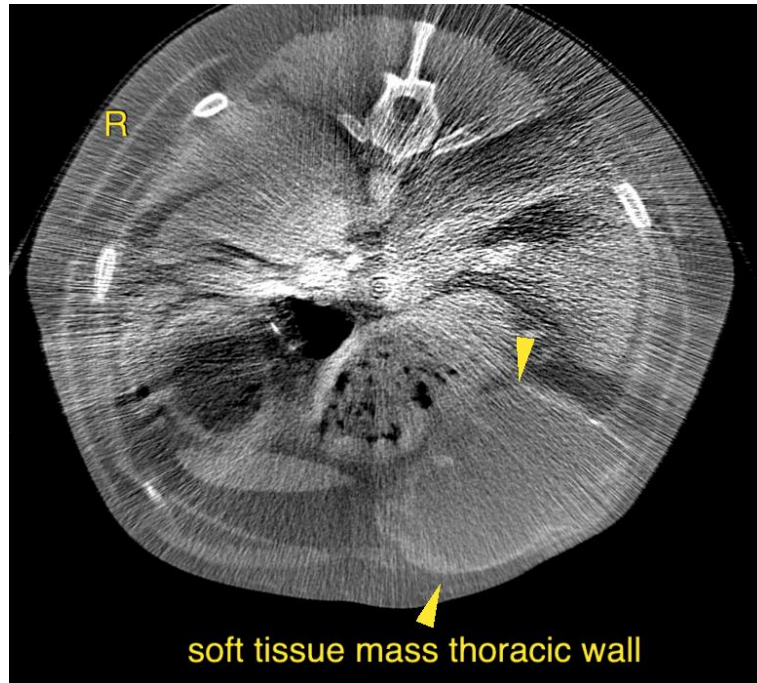
Deepan Kishore,
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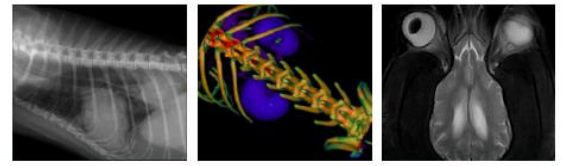
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Mix

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info@sonopath.com

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Male

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