



PATIENT

Kashka Saundry

SPECIES

Canine

BREED

Shepherd Mix

SEX

Female

AGE

6Y, 5M

WEIGHT

78

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Robert

HOSPITAL NAME

Aloha Pet & Bird
Hospital

REFERRING VET

Dr. Pepen

INVOICE

72987

DATE

12-15-25

PRESENTING CLINICAL SIGNS

Rapid growing thoracic mass, painful for patient.

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

Centered on the proximal segment of the 8th right rib, a spherical, soft tissue attenuating mass with multifocal amorphous mineralization is seen; measuring 10.9 x 8.6 x 8.5 cm. The 8th right rib presents an ill-defined zone with permeative osteolysis and cortical destruction. The mass is extending cranially up to the 6th right rib and caudally up to the 9th rib. The respective ribs are diverging and present immature periosteal new bone formation level with the mass of the 8th right rib. The mass is bulging into the pleural cavity, distorting the right caudal lung lobe by the extrapleural mass effect.

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.

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

Multifocal throughout the lung, Ditzel are appreciated. In the left caudal lung lobe, a well-defined soft tissue attenuating nodule is seen; measuring 5 mm in diameter.

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

Abdomen

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

A separate right & left caudal vena cava of the pre-renal segment is seen.

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.

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.

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

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteolytic and osteoproliferative mass proximal segment 8th right rib
- Secondary reactive periostitis along the adjacent ribs



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- Solitary pulmonary soft tissue nodule left caudal lung lobe and multiple Ditzel throughout all lung lobes
- Normal abdomen

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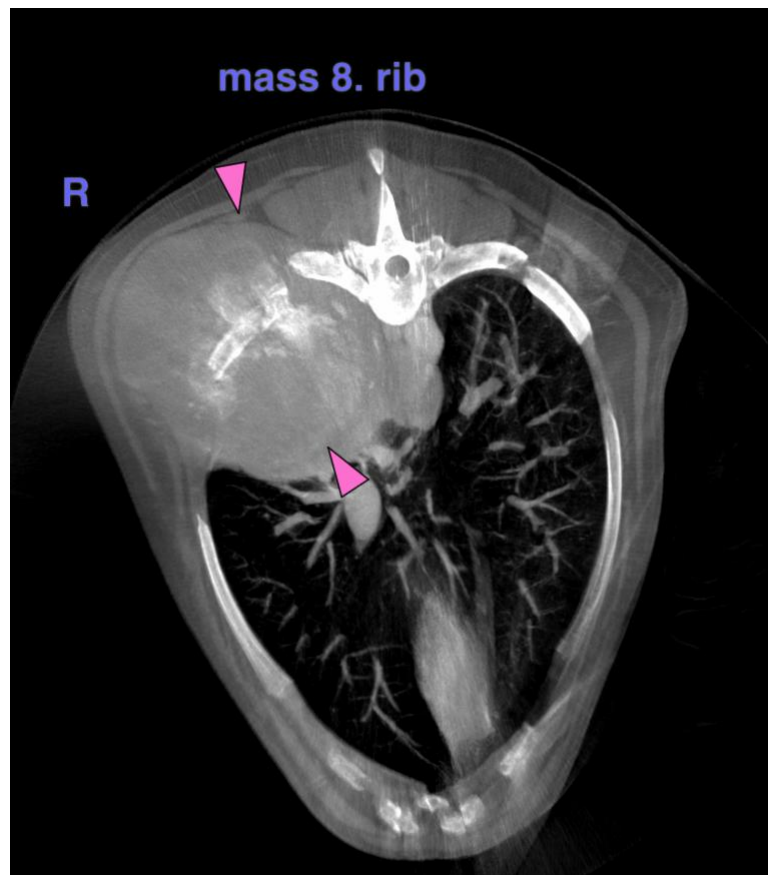
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The clinically appreciated mass is caused by primary costal tumor of the 8th right rib – such as osteosarcoma, chondrosarcoma, hemangiosarcoma, other. The Ditzel and solitary pulmonary nodule are indicative for pulmonary metastatic spread. FNA sampling/biopsy of the costal tumor may be performed for specification.





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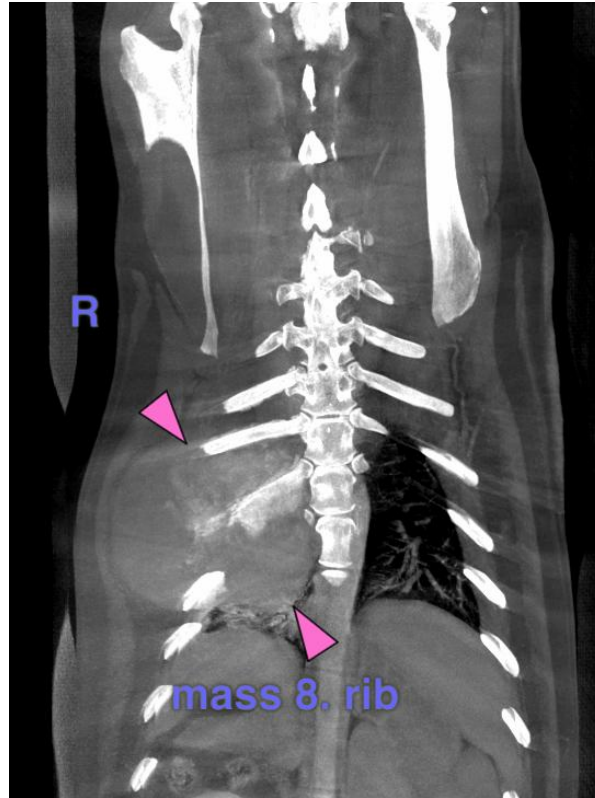
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@sonopath.com