



PATIENT PRESENTING CLINICAL SIGNS

Rennie Graubard History: Suspected neoplasia of the Right carpus based on radiographs. Owner would like to pursue amputation. CT for staging of thorax and abdomen.

SPECIES Abnormal PE/Chem/CBC/UA Results:

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE SKULL, THORAX AND ABDOMEN**

BREED 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.

Lab Mix **COMPUTED TOMOGRAPHIC FINDINGS**

SEX Thorax

Neutered Male Multiple subcutaneous lipomas are seen along the ventral aspect of the sternum. The right axillary lymph node is prominent.

AGE 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.

8 Years A moderate amount of mediastinal fat is present.

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

Sebastian Schaub, DVM Dr. med. vet. DipECVDI 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.

HOSPITAL NAME The lung parenchyma presents the expected architecture and attenuation behavior.

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

REFERRING VET Right Carpus

Meaux The right distal metaphysis including the epiphysis and diaphysis present an ill-defined zone with moth eaten osteolytic lesions with cortical destruction and advanced palisading periosteal new bone formation

INVOICE Abdomen
13379

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

DATE

9/30/21



PATIENT

Rennie Graubard

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

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

BREED

Lab Mix

The left lateral liver lobe presents a small (9.0 mm) spherical parenchymal filling.

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

SEX

Neutered Male

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

The lumbosacral intervertebral disc is mildly protruding into the vertebral canal. A small lipoma is seen in the subcutaneous tissue caudal to the left ischial tuberosity.

AGE

8 Years

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive mixed osteoproliferative and mild osteolytic lesion right distal radius
- Lymphadenopathy right axillary lymph node
- Mild intervertebral disc protrusion L7/S1
- Small lipoma caudal aspect left ischial tuberosity and along the ventral thoracic wall
- No evidence of pulmonary metastatic spread

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The osseous lesion of the right distal radius is compatible with primary osseous neoplasia and osteosarcoma is the top differentia. Theoretically mycotic osteomyelitis is a potential, but considered far less likely. FNA sampling/bone biopsy can be used to confirm the diagnosis. Recommend FNA sampling of the axillary lymph node to rule out metastatic spread.

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Lab Mix

SEX

Neutered Male

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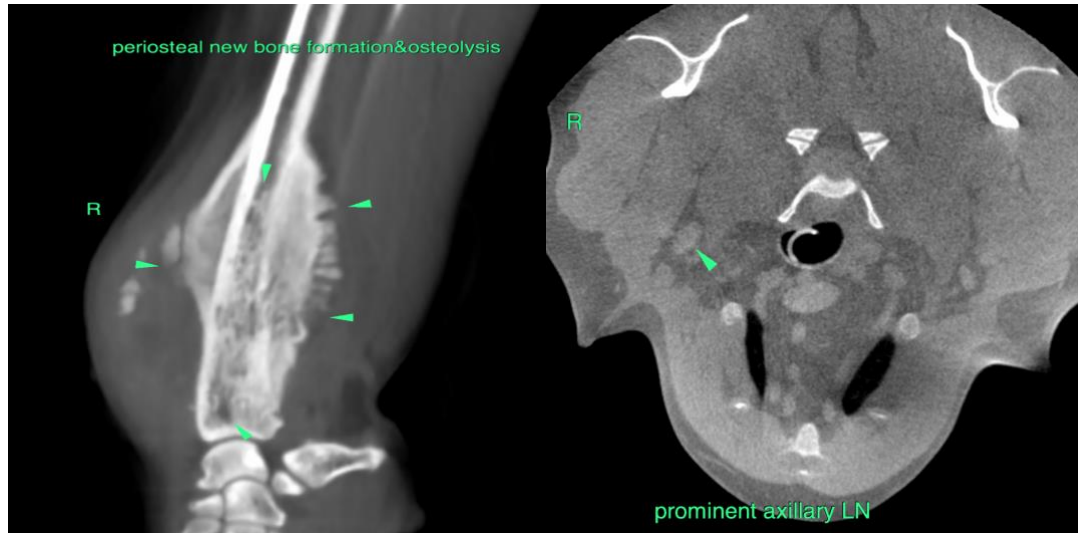
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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