



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Menuche II Kelly
SPECIES Canine
BREED Maltese

History: Referred from Highlands AH due to non weight bearing lameness in the right forelimb 3/24/23. Non weight bearing lameness on right forelimb since March, 2023. Was seen initially due to a possible stroke/seizure episode that caused paralysis of the right forelimb. See at neurologist and treated for possible nerve damage. Started on prednisone and pt started to use forelimb more but is still limping and developed marked swelling in paw region. Pt was referred for CT scan of the right forelimb. Right forelimb withdrawal WNL, non weight bearing, difficult to assess CP's due to non weight bearing. Swelling, redness around right paw pads, more marked on third digit. Mild tartar, unremarkable auscultation, rest of PE wnl. Hx of elevated ALT (255). Current medications: prednisone 2.5mg po q12h, hydrocodone 1.25mg po q8-12h , amox/clav 45mg q12h

COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS, THORAX AND ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

Front Limbs

AGE 11 Years
 The volume of the musculature of the right front limb is decreased.

Both shoulder joints present smooth osseous margins and the surrounding soft tissue structures are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI
 The elbow joints bilaterally have smooth osseous margins and the surrounding soft tissue structures are unremarkable.

HOSPITAL NAME

Aloha Pet & Bird Hospital
 The osseous and soft tissue structures of the antebrachium and carpal joints are within normal limits. The third and fourth digit of the right front paw present a homogeneous soft tissue attenuating and contrast enhancing soft tissue swelling. The distal phalanx of the 3rd & 4th digit of the right front paw present aggressive osteolysis.

Thorax

REFERRING VET Dr. Lopez
 The right superficial cervical lymph node is prominent. T13 presents a transverse process at the left aspect and a rib at the right aspect, that is fused to the vertebral body.

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.

INVOICE

22001 The cardiovascular structures including the pulmonary vasculature are within normal limits.

DATE

4/13/23



PATIENT 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.

Menuche II Kelly

The lung parenchyma presents the expected architecture and attenuation behavior, but a zone of dystelectasis of the caudodorsal aspect of the cranial part of the left cranial lung lobe.

SPECIES

Canine

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

Abdomen

BREED

Maltese

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

SEX

Neutered Male

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.

AGE

11 Years

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

The hepatic volume is increased and the liver is protruding beyond the costal arch and has rounded caudoventral margins. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

Irregular mineral attenuating material is attached to the gallbladder wall.

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

HOSPITAL NAME

Aloha Pet & Bird
Hospital

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

A plaque like cutaneous lesion is seen at the right aspect of the base of the tail, measuring 9 x 7 mm

REFERRING VET

Dr. Lopez

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue swelling 3rd & 4th digit right front paw with aggressive osteolysis of the distal phalanx respectively
- Disuse atrophy musculature right front limb
- Lymphadenopathy right superficial cervical lymph node
- Hepatomegaly
- Mineralizing gallbladder sludge attached to mucosal lining
- Non-specific cutaneous wart like lesion base of tail

INVOICE

22001

DATE

4/13/23



PATIENT

Menuche II Kelly

- Zone of dystelectasis cranial part left cranial lung lobe
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The changes of the 3rd and 4th digit of the right front paw are equivocal for either onychitis or neoplastic transformation (e.g. melanoma, squamous cell carcinoma) – further differentiation is not possible by CT. In both cases amputation of the respective digits would be the therapy of choice – as both weight bearing digits are affected there might be abnormal gait post amputation.

BREED

Maltese

Recommend complementing workup by FNA sampling of the right superficial cervical lymph node to rule out metastatic disease.

SEX

Neutered Male

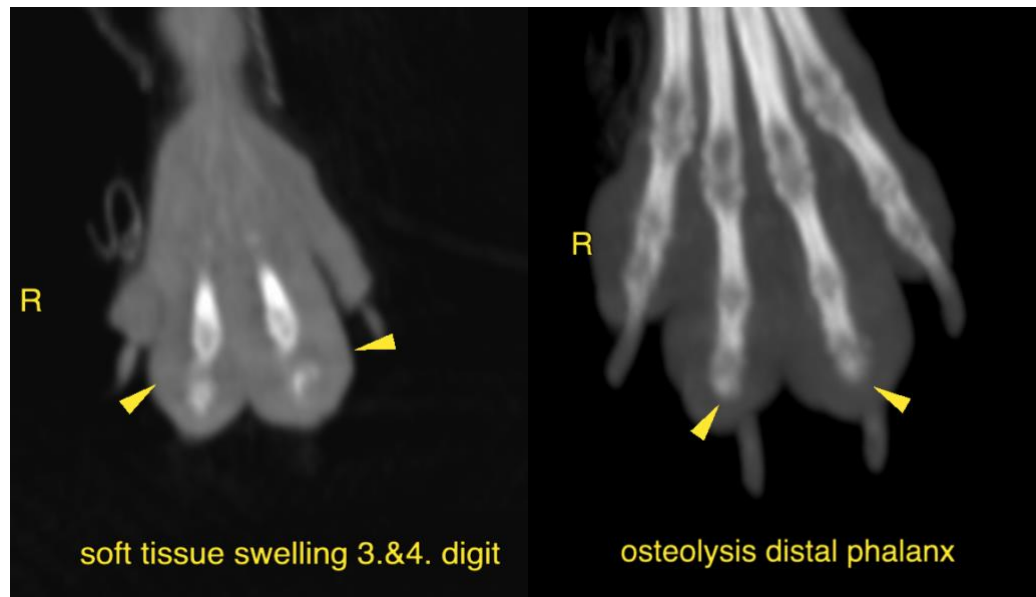
Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

AGE

11 Years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI



HOSPITAL NAME

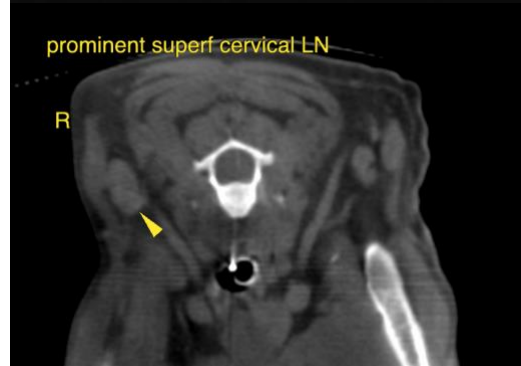
Aloha Pet & Bird
Hospital

soft tissue swelling 3.&4. digit

osteolysis distal phalanx

REFERRING VET

Dr. Lopez



prominent superf cervical LN

INVOICE

22001

DATE

4/13/23



PATIENT

Menuche II Kelly

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

Maltese

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

SEX

Neutered Male

AGE

11 Years

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Aloha Pet & Bird
Hospital

REFERRING VET

Dr. Lopez

INVOICE

22001

DATE

4/13/23