



PATIENT

Maggie Benitez

PRESENTING CLINICAL SIGNS

Swelling on L lumbar area over last rib. Treated successfully with Clavamox. We are looking for an underlying cause for the swelling. Also, patient has a significant 'click' on flexion/extension of R elbow.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Normal labwork

COMPUTED TOMOGRAPHIC STUDY OF THE ELBOWS & ABDOMEN

Plain studies of the elbows and plain and post contrast studies of the abdomen available for review.

BREED

German Shepherd
Mix

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

Ill-defined subcutaneous fat stranding with increased contrast enhancement and diffuse soft tissue swelling is seen in the left craniodorsal and lateral abdominal wall. The soft tissue changes are ill-defined with flat distribution over the dorsolateral aspect of the cranial lumbar spine and finger-like extensions around the dorsal third of the left 12th and 13th rib and another ill-defined finger-like extension lateral of the last two ribs. The last two ribs present laminar periosteal new bone formation. There appears to be involvement of the left cranial and lateral abdominal wall with peritoneal involvement level with the splenic head. No evidence of foreign material or cavitation is seen.

SEX

FS

AGE

2 Years

Elbows

The tip of the right medial coronoid process is slightly demineralized. No evidence of fissuring or fragmentation is seen. The joint spaces are congruent. There is no evidence of subchondral bone lesions or osteoarthritic changes.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The left elbow presents within normal limits.

HOSPITAL NAME

Animal Health Care
Denver

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Regional cellulitis within the left cranial and dorsal abdominal wall with involvement of the last two ribs and peritoneum.
- Normal CT findings of the elbows.

REFERRING VET

Cathryn Sayer

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Trauma / perforating injury appears to be the most likely underlying cause of the soft tissue changes in the left cranial abdominal wall. The changes may represent cellulitis with periostitis of the ribs and regional peritoneal involvement. Non-inflammatory/non-infected soft tissue injury with extensive subcutaneous and fascial hematoma as well as traumatic periostitis cannot be ruled out entirely as a differential diagnosis but appears less likely. There are no definitive neoplastic criteria but fibrosarcoma and cutaneous lymphoma cannot be ruled out as a potential differential diagnosis either and tissue sampling could be considered for further definition and discussed versus en bloc resection of the effected soft tissue which however would involve the last two ribs as well and would hence require surgical reconstruction of the cranial abdominal wall.

INVOICE

47523

DATE

9-23-21



PATIENT

Maggie Benitez

The CT appearance of the elbows is considered within normal limits. The mild focal demineralization of the tip of the right medial coronoid process is likely to represent a normal anatomic variant. Osteomalacia cannot be ruled out entirely but is considered by far less likely here.

SPECIES

Canine

BREED

German Shepherd
Mix

SEX

FS

AGE

2 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health Care
Denver

REFERRING VET

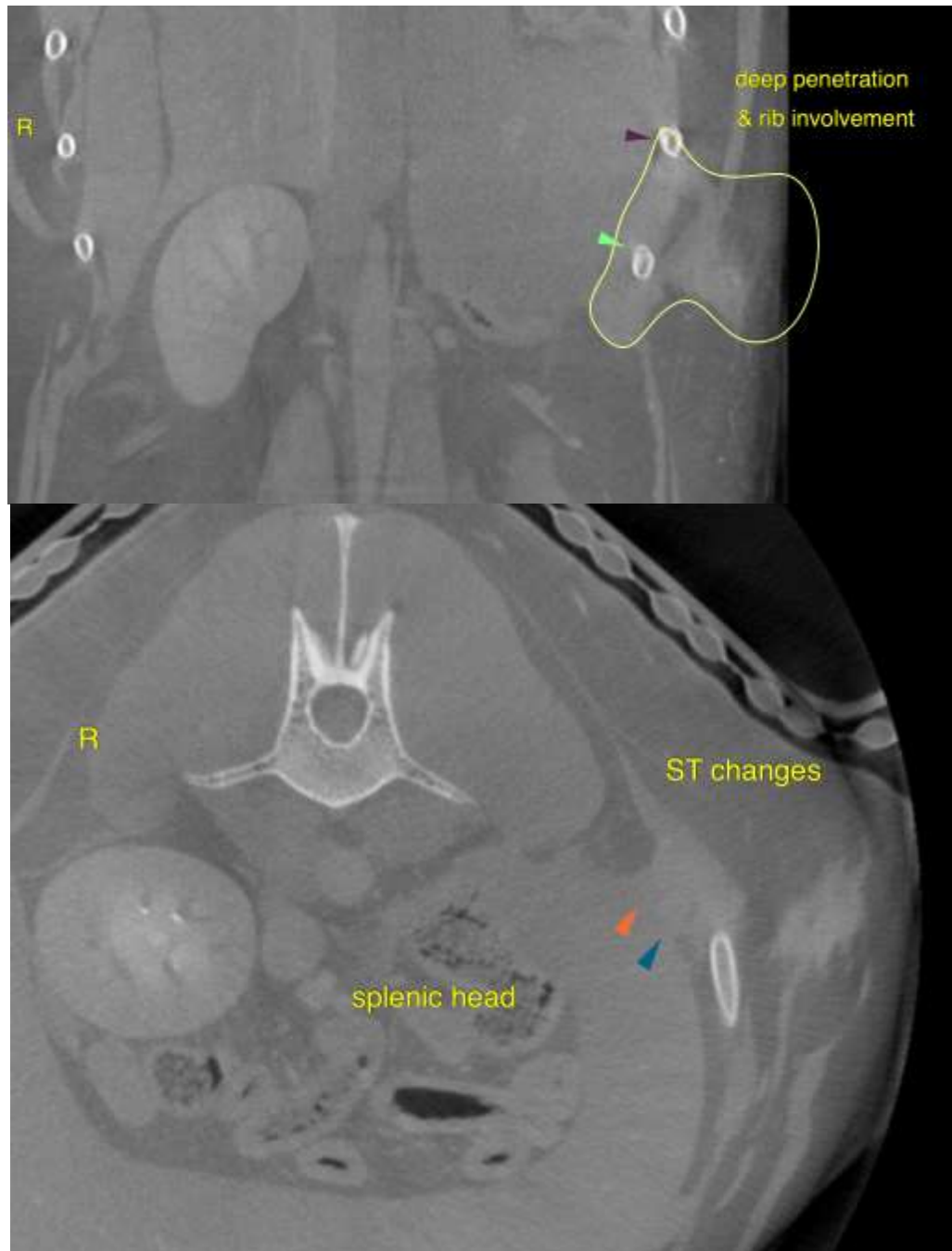
Cathryn Sayer

INVOICE

47523

DATE

9-23-21





PATIENT

Maggie Benitez

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.

SPECIES

Canine

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

BREED

German Shepherd
Mix

SEX

FS

AGE

2 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health Care
Denver

REFERRING VET

Cathryn Sayer

INVOICE

47523

DATE

9-23-21