



PATIENT PRESENTING CLINICAL SIGNS

Echo Matlock History: Started limping on LH leg on 4/4/22. Has improved some, but still mildly lame. No drawer sign felt on sedated physical exam, however, a small mass was palpated in the L anal gland. The purpose of this study is to check for metastasis prior to anal saccullectomy, and also to hopefully find a cause for the LH lameness.

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: Labwork all normal, other than a mild elevation in PSL at 241 (24-140).

BREED COMPUTED TOMOGRAPHIC STUDY OF THE THORAX, ABDOMEN AND HIND LIMBS

German Shepherd A high-resolution plain CT study of the thorax and a pre- and post-contrast CT study of the abdomen, including the hind limbs, are provided for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

Spayed Female **Thorax**

AGE

5 Years Multifocal mild spondylosis formation is seen along the thoracic and lumbar spine.
The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform and considered within normal limits.
The cardiovascular structures including the pulmonary vasculature are within normal limits.

INTERPRETED BY

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.
The lung parenchyma presents the expected architecture and attenuation behavior with interspersed punctuate mineralization.

HOSPITAL NAME

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

Abdomen

REFERRING VET

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

INVOICE

14750 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.

DATE

4/14/22



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

Echo Matlock

The splenic volume is moderately increased, and the spleen is coursing along the caudoventral aspect of the liver and extending caudally up into the mid ventral abdomen.

SPECIES

Canine

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

BREED

German Shepherd

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout. Both anal sacs are empty and consolidated.

The hypogastric lymph nodes are small, unremarkable.

SEX

Spayed Female

Hind Limbs

The intervertebral disc L6/L7 is mildly protruding into the vertebral canal, distorting the ventral epidural space. Evaluation of the lumbosacral intervertebral disc is limited due to local beam hardening artefact but appears to mildly protrude into the vertebral canal.

AGE

5 Years

The osseous and surrounding soft tissue structures of the pelvis – including the coxofemoral joints – are within normal limits.

Both stifle joints present with smooth osseous margins and without evidence of intracapsular soft tissue swelling.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The periarticular bones of both talocrural joints present mild osteophyte new bone formation – mild exostosis formation is seen along the sustentaculum tali bilaterally. At the plantarolateral aspect of the lateral trochlear ridge of the talus, a roundish, well defined mineralized body measuring up to 1.2 mm in size is visible.

HOSPITAL NAME

Animal Health Care,
Denver

The remainder of the osseous and soft tissue structures of both hind limbs are within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Cathryn Sayer

- Splenomegaly
- Mild degenerative osteoarthritis tarsal joints bilaterally
- Suspect metaplasia versus synovial osteochondromatosis plantar aspect of lateral trochlear ridge of the talus – incidental
- Mild intervertebral disc protrusion L6/L7 and L7/S1 without compressive myelopathy
- Pulmonary osteomas
- No evidence of pulmonary metastatic disease

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

4/14/22



PATIENT

No abnormalities are of the anal sacs are appreciated, but the anal sacs are empty and small intramural lesions can be effaced. There are no signs for metastatic disease.

Echo Matlock

SPECIES

The splenomegaly can be accentuated by general anesthesia with pooling of blood in the splenic parenchyma. Potentials include nodular hyperplasia, extramedullary hematopoiesis, splenitis, diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling can be used as advanced minimally invasive diagnostic test.

Canine

BREED

Both hind limbs present without specific changes, explaining the left hind limb lameness. Contusion or distortion might be a potential and continuing conservative management is considered beneficial.

German Shepherd

SEX



Spayed Female

AGE

5 Years

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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.

REFERRING VET

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.

Dr. Cathryn Sayer

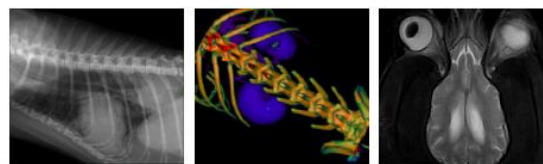
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