



**PATIENT**

Chico Langhorn

**PRESENTING CLINICAL SIGNS**

HX OF HIND LEG SWELLING AND MAST CELL TUMORS.

**COMPUTED TOMOGRAPHIC STUDY OF THE HIND LIMBS, THORAX, & ABDOMEN**

**SPECIES**

Canine

Post-contrast studies only available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

Mix

**Hind Limbs**

The left tibia presents a diaphyseal malunion fracture with tibiofibular synostosis and shortening of the left tibia owing to reduced longitudinal growth. The former positions of the implant and screws can still be recognized.

**SEX**

M

There is mild generalized peripheral soft tissue swelling of the left distal hind limb with no specific fluid accumulation in the subcutaneous or interfascial compartment.

The left popliteal and subinguinal lymph nodes present within normal limits.

**AGE**

6 Years

Both stifle and tarsal joints present within normal limits.

The coxofemoral joints present within normal limits.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The pelvic bones present within normal limits.

The muscle volume appears to be symmetric and adequate in both hind limbs.

**Abdomen**

**HOSPITAL NAME**

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Center

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

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.

**REFERRING VET**

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Center

The adrenal glands are within normal limits for size, shape and organ architecture.

Moderate generalized enlargement of the spleen with slightly scalloping margins is seen. The attenuation of the splenic parenchyma presents uniform.

**INVOICE**

49335

The liver presents 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.

**DATE**

1-4-22

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



**PATIENT**

**Thorax**

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The bony and surrounding soft tissue structures are within normal limits.

**SPECIES**

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 are uniform and considered within normal limits.

Canine

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

**BREED**

A moderate generalized increase in interstitial pulmonary opacity is seen and evenly distributed throughout the entire lung.

Mix

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

**SEX**

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

M

- Generalized interstitial lung pattern.
- Splenomegaly.
- Malunion fracture of the left hind limb with reduced longitudinal growth of the tibia and tibiofibular synostosis with mild peripheral soft tissue swelling.

**AGE**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

6 Years

There is no evidence of subcutaneous or interfascial edema in either of the hind limbs. The volume and attenuation of the soft tissues appear to be within normal limits except for mild peripheral soft tissue swelling circumferential to the left tibia and fibula.

**INTERPRETED BY**

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There is no evidence of superficial or deep lymphadenomegaly.

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Moderate generalized splenomegaly is seen and may be associated with splenic congestion under general anesthesia; however, diffuse infiltrative pathology such as neoplastic or inflammatory cannot be ruled out entirely. Consider fine needle aspiration for further definition.

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The diffuse increase in interstitial pulmonary opacity may be within the limits of the patient's age and general anesthesia; however, noncardiogenic pulmonary edema, interstitial pneumonia, emerging fibrosis, and infiltrative neoplasia such as hematopoietic or round cell neoplasia cannot be ruled out.

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**SPECIES**

Canine

**BREED**

Mix

**SEX**

M

**AGE**

6 Years

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**REFERRING VET**

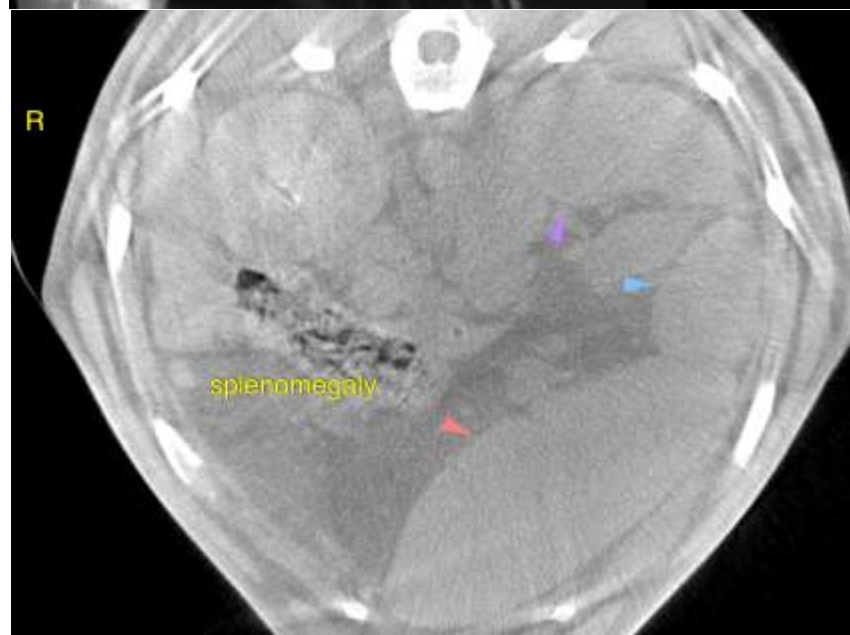
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Canine

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**BREED**

Mix

**SEX**

M

**AGE**

6 Years

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