



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Pipa Matos  
**SPECIES** Feline  
**BREED** DSH (Calico)

Patient wasn't able to use hindlimbs during Labor Day weekend. She was taken to another veterinary clinic where she was hospitalized for 4 days. She was diagnosed with osteoarthritis. She was kept on IVF and injectable medications. She was administered banamine and dexamethasone on 9/3 and convenia and depo-medrol on 9/7. Patient improved and was able to use her hindlimbs but was still ambulating with difficulty. Also, appetite was reduced. Owner is giving her nutritional at home. Patient caused self-trauma at area where IV catheter had been placed. Has also been bleeding from nasal planum. extremely painful on lumbosacral and hindlimb palpation ambulatory. weight bearing on all four limbs ulceration on nasal planum full thickness wound on left forearm BCS 6/9 CBC - mild anemia and thrombocytopenia. mild neutrophilia chemistry - elevated amylase radiographs - spondylosis at lumbosacral area. Abnormal PE/Chem/CBC/UA Results: CBC --- mild anemia, NEU mild increased CHEM --- unremarkable

**SEX COMPUTED TOMOGRAPHIC STUDY OF THE THORAX, ABDOMEN, & SPINE**

**SEX** SF  
 Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**AGE Abdomen**

**AGE** 10 Years  
 The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**INTERPRETED BY** Nele Eley, DVM  
 Dr. med. Vet. DipECVDI  
 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.

**HOSPITAL NAME** Veterinary Image Center  
 Multinodular enlargement of the spleen with mass effect is noted. Multiple nodules with slightly differential enhancement from the remainder of the parenchyma of up to 2.5 cm diameter are seen throughout the spleen distorting the parenchymal architecture.

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

**REFERRING VET** Dr. Martes  
 The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

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

47459 The bony and surrounding soft tissue structures reveal no abnormalities.

**Thorax**

**DATE** 9-17-21  
 The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.



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Pipa Matos

The heart is of normal size and shape and there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

**SPECIES**

Feline

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

**BREED**

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Moderate atelectasis of the right middle lobe and accessory lung lobe is seen. There are occasional interstitial and subpleural bands which is considered within age related normal limits. No evidence of pulmonary nodules or masses is noted.

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The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

**Spine**

The axial musculature presents within normal limits.

**AGE**

10 Years

Multiple nerve root thickening with increased enhancement is present in the lumbosacral plexus area with vertebral canal and peripheral involvement. The L6 and L7 nerve roots appear to present bilaterally symmetric thickening with increased contrast enhancement. There also appears to be mild protrusion of the intervertebral disc of the lumbosacral intervertebral disc and mild ventrally bridging spondylosis deformans.

**INTERPRETED BY**

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Dr. med. Vet. DipECVDI

Number, alignment, and anatomy of the cervical and thoracic vertebrae present within normal limits.

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The coxofemoral joints present within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Multiple lumbosacral neuropathy.
- Chronic degenerative lumbosacral stenosis.
- Splenomegaly with multinodular appearance and mass effect.

**REFERRING VET**

Dr. Martes

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals lumbosacral plexus neuropathy with multiple bilaterally symmetric nerve root involvement. General differential diagnosis includes neuritis as well as neoplasia with a round cell neoplastic infiltrate such as lymphoma being a significant potential. Unfortunately, there are no imaging criteria that allow for definitive discrimination between inflammatory and neoplastic neuropathy and empirical management for neuritis with narrow clinical monitoring could be considered.

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Differential diagnosis for the splenic findings includes infiltrative pathology such as lymphosarcoma or other neoplasia and less likely hyperplasia, hematoma, and splenitis. Consider ultrasound guided fine needle aspiration for further definition.



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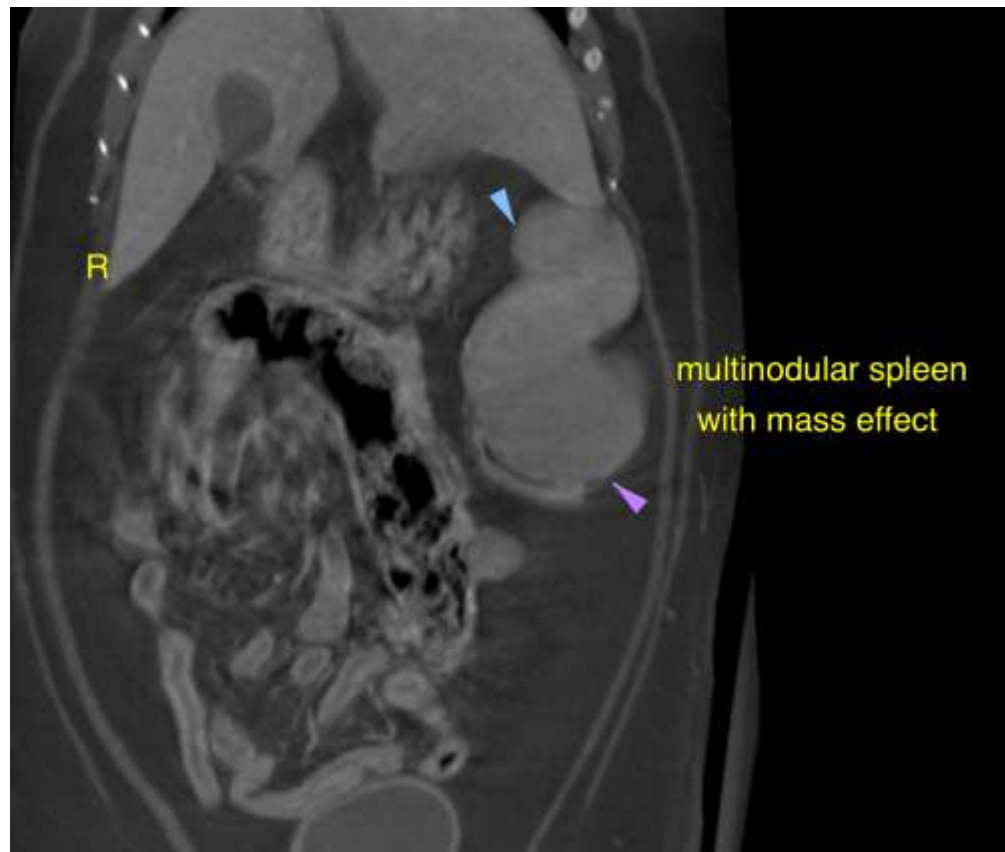
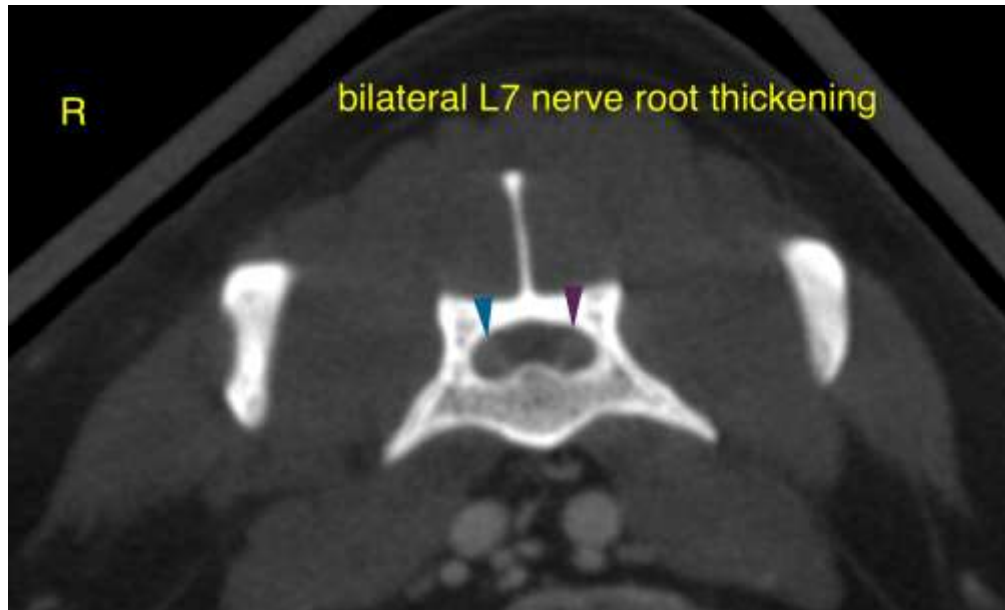
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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