



**PATIENT**

Playero Brownie  
Blondie Foundation

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

M

**AGE**

11 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Veterinary Image  
Center

**REFERRING VET**

Dr. M. Martes, DVM

**INVOICE**

52323

**DATE**

6-6-22

**PRESENTING CLINICAL SIGNS**

Patient was rescued from beach. Patient has been on prednisone, gabapentin and laser therapy for 7 days and has shown no improvement. Patient does not walk or stand up on his own. Abnormal PE/Chem/CBC/UA Results: CBC - anemia with Hct 21.9%, hgb 7.8, leukocytosis 46k, neutrophilia 39.7k, monocytosis 1.59k, chem - azotemia creatinine 1.9, BUN 33, hypoalbuminemia and hyperglobulinemia, increased ALP, hypokalemia, hyperchloremia radiographs - spondylosis (thoracic/lumbar), enlarged bladder, prostatomegaly, radiopaque feces, OA changes instifle 4dx - negative ear cytology - rods BODY SYSTEMS General Appearance lethargic Eyes mucoid discharge OU, lenticular sclerosis OU Ears discharge AU Coat-Skin multiple open wounds with mucopurulent discharge Urogenital large, firm scrotum - suspect testicular mass Musculoskeletal CP deficits Normal Systems: Oral-Teeth, Cardiovascular, Respiratory, Gastro-Abdomen, Neurological, Lymphatics

**COMPUTED TOMOGRAPHIC STUDY OF THE SPINE**

Plain study available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

Varying degrees of spondylosis deformans are seen throughout the cervical spine between C2/3, C3/4, C4/5, and C7/T1.

Multiple spondyloses are present throughout the thoracic spine.

Severe ventrally bridging spondyloses are seen between T10/11, T11/12, T12/13, T13/L1, and L1/2.

Severe intervertebral disc protrusion appears to be present between T12/13.

Mild intervertebral disc protrusions are seen between T11/12 and T13/L1.

Multiple mild degenerative changes of the vertebral facets are present within the lumbar spine.

There is an asymmetric lumbosacral transitional vertebra.

6 regularly shaped lumbar vertebrae are seen.

Moderate intervertebral disc protrusion is present between L6 and the transitional vertebra.

Mild intervertebral disc protrusion is present L5 and L6 and the transitional vertebra and the sacrum. L5/6 and transitional vertebral and sacrum reveal moderate spondylosis deformans as well.

No aggressive bone lesions are seen throughout the cervical, thoracic, and lumbar spine.

The urinary bladder is severely distended.

Prostatic enlargement is noted in this non-neutered male.

Extensive new bone formation is bridging the sacroiliac joints.



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There appears to be generalized muscle wasting.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Multiple spondyloses throughout the cervical, thoracic, and lumbar spine.
- Congenital lumbosacral transitional vertebra with moderate to severe degenerative lumbosacral stenosis.
- Severe chronic intervertebral disc protrusion T12/13.
- Multiple additional mild chronic intervertebral disc protrusions in the thoracolumbar and lumbosacral area.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The main finding from the imaging perspective appear to be the presence of severe chronic intervertebral disc protrusion between T12 and T13 as well as the degenerative lumbosacral stenosis with moderate to severe disc protrusion between L6 and the transitional vertebra. No evidence of aggressive bone disease is seen. However, other concurrent myelopathy cannot be ruled out entirely. The assessment is limited to the availability of a plain study.

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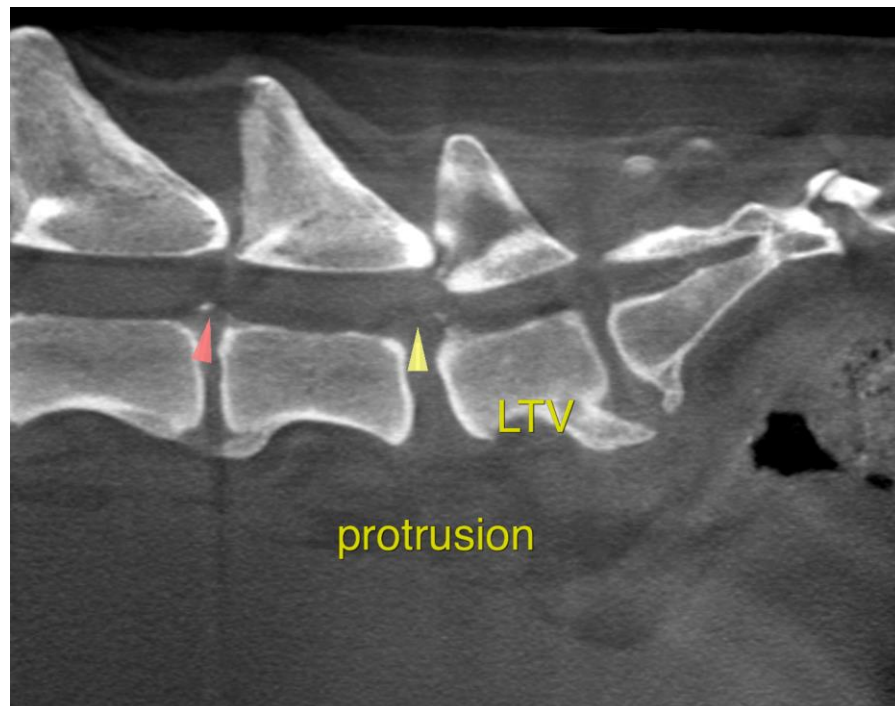
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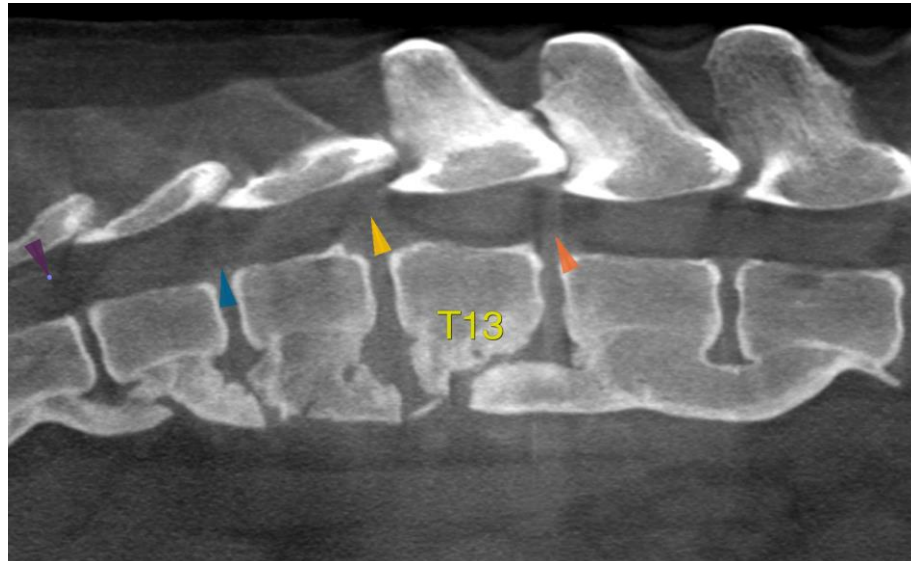
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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