



**PATIENT**

Ollie Taylor

**PRESENTING CLINICAL SIGNS**

06-11-2022 10:07:19am, Dr. Jessica McLeod Hx: 2 week hx of LFL lameness, progressing. Seen by Melba vet, ddx ear infection, vestibular. Started on ears meds bid. Represented to Melba 4 days ago, xray performed - no record in hx sent over. Per O, "bony lesion near shoulder" and calcification down spine. Referred to us for CT; O thought was having MRI. PE: BAR Pacing No nystagmus Cranial nerves nad LFL zero proprioception, positive withdrawal reflex and superficial pain present Can walk on LFL - seems able to voluntarily extend from shoulder, but no proprioception so if paw does not land correctly then stumbles and falls. Wheelbarrow and hemi-walkig no ability to use LFL, just drags

**SPECIES**

Dog

**BREED**

Cavalier King Charles Spaniel

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

Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

Male

**Head**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**AGE**

8

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

**HOSPITAL NAME**

Advanced Veterinary Imaging

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The salivary glands present within normal limits.

**REFERRING VET**

Dr. McLeod

The visible dentition is within normal limits.

**Spine**

**INVOICE**

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Mild C7/T1 spondylosis deformans with narrowing of the intervertebral disc space and mild intervertebral disc protrusion are seen.

There are multiple spondyloses throughout the thoracic and lumbar spine from T4 through T10 and between T12/13, L1/2, L2/3, and L4/5.

**DATE**

11-6-22

Moderate chronic intervertebral disc protrusions are present between T13/L1 and L5/6.



**PATIENT**

**Thorax**

Ollie Taylor

The shoulder joints present within age related normal limits. The brachial plexus presents within normal limits on both sides as well.

**SPECIES**

Dog

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.

The left atrium appears prominent with no evidence of congestion of the pulmonary veins.

**BREED**

Cavalier King Charles Spaniel

A mild generalized bronchointerstitial lung pattern and atelectatic changes accentuating the left side of the lung are seen.

Gastroesophageal reflux with fluid and gas content of the esophagus is seen.

**SEX**

Male

**Abdomen**

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

**AGE**

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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.

**INTERPRETED BY**

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Dr. med. Vet. DipECVDI

Both liver and spleen present 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.

**HOSPITAL NAME**

Advanced Veterinary Imaging

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

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Dr. McLeod

- Chronic intervertebral disc protrusions C7/T1, T13/L1, L5/6
- Multiple spondyloses
- Gastroesophageal reflux.
- No evidence of mineralization in the region of or circumferential to the shoulder joints.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study did not reveal evidence of shoulder arthropathy on either side.

There is a mild chronic intervertebral disc protrusion within the deep cervical spine between C7 and T1.

**DATE**

11-6-22

Multiple spondyloses were seen throughout the thoracic and lumbar spine with moderate chronic intervertebral disc protrusions between T13/L1 and L5/6.



**PATIENT**

Ollie Taylor

The head conformation is typical for a brachycephalic dog with caudal supraoccipital malformation and craniocervical stenosis. This however does not appear to be of clinical significance at this point.

**SPECIES**

Dog

**BREED**

Cavalier King Charles  
Spaniel

**SEX**

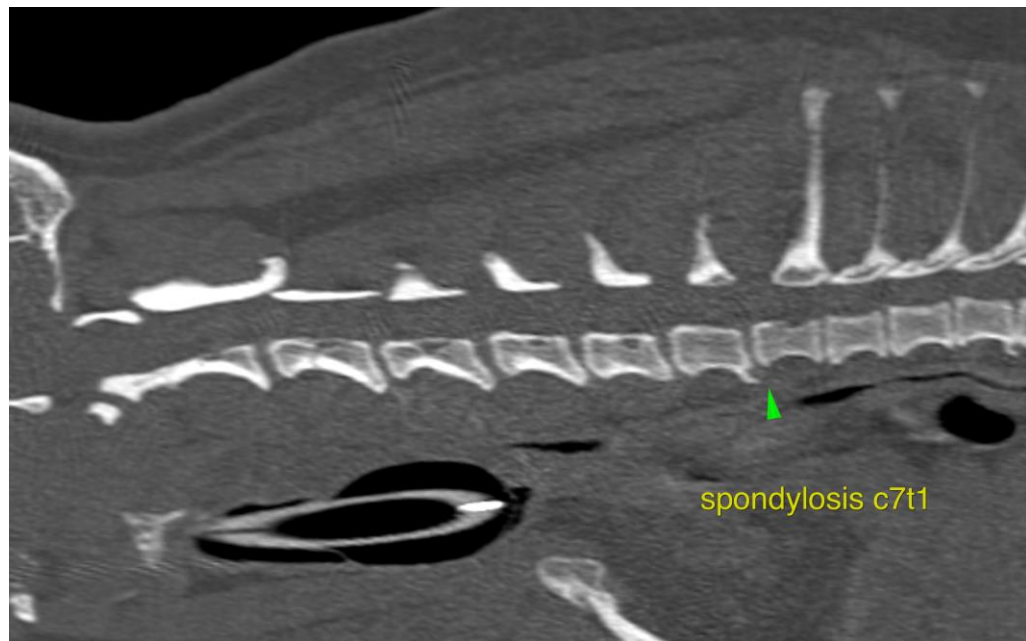
Male

**AGE**

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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.

**HOSPITAL NAME**

Advanced Veterinary  
Imaging

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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**REFERRING VET**

Dr. McLeod

**INVOICE**

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**DATE**

11-6-22