



**PATIENT PRESENTING CLINICAL SIGNS**

Coco McKinston left thoracic limb lameness with medial carpal and D2/3 deviation due to restrictive tissue band extending from sternum, axilla, antebrachium to D2/3 and bisecting accessory carpal pad. repaired feb22 concern re other malformations - elbow dysplasia and IVDD

**SPECIES** Abnormal PE/Chem/CBC/UA Results: cbc/chem wl

**Canine COMPUTED TOMOGRAPHY OF THE THORAX, ABDOMEN AND ENTIRE SPINE**

A pre- and post-contrast CT study of the thorax, abdomen and entire spine in a bone, lung and soft tissue reconstruction is provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Dachshund Spine

**SEX** Multiple intervertebral discs along the cervical, thoracic and lumbar spine present mild central mineralization.

FN The spinous process of T6/T7 are fused.

The remainder of the osseous and soft tissue structures of the cervical, thoracic and lumbar spine present no abnormalities.

**AGE** Thorax

1 The medial epicondyle of the left humerus is more elongated in comparison to the right humerus.

**INTERPRETED BY**

The sternum is foreshortened, only the manubrium sterni and second sternebra are appreciated, that are fused. A bifid xiphoid process is seen, presenting as thin bilateral mineralized structure.

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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 is uniform and considered within normal limits.

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

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.

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Eamon

The lung parenchyma presents the expected architecture and attenuation behavior.

The diaphragm is intact.

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

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Abdomen

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

**DATE**

4-12-23

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.



**PATIENT** Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Coco McKinston

The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

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

Canine

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

**BREED** The bony and surrounding soft tissue structures reveal no abnormalities.

Dachshund

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Multifocal chondroid disc degeneration along the cervical, thoracic and lumbar spine
- Congenital malformation with fused spinous process T6/T7
- Congenital sternal malformation with foreshortened sternum and bifid xiphoid process
- Normal thorax
- Normal abdomen

**AGE**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study of the spine, thorax and abdomen presents without clinically relevant abnormalities.

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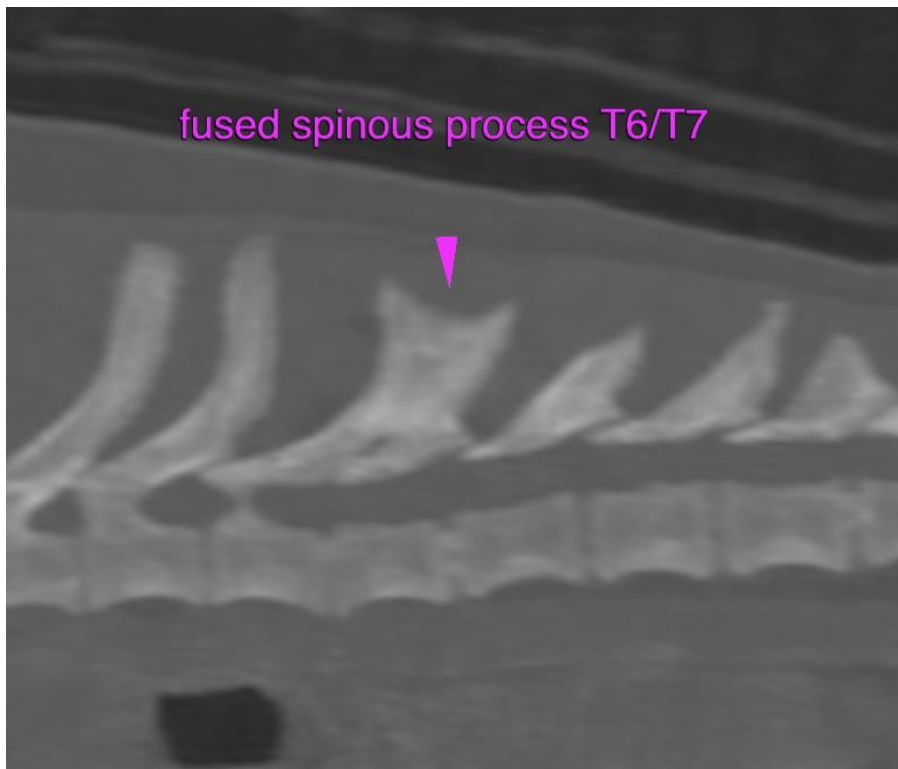
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**PATIENT**

Coco McKinston

**SPECIES**

Canine

**BREED**

Dachshund

**SEX**

FN

**AGE**

1

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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.

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