



PATIENT PRESENTING CLINICAL SIGNS

Moca Thornhill History: unable to use the back legs - started 7 years ago and was okay after steroid injection. Happened again last week and got worse. Improved with steroid injection. 2 days ago, stopped using all 4 limbs.

SPECIES Abnormal PE/Chem/CBC/UA Results: Painful around hip area and when moving neck to left side. Bloodwork showed mild increase in AL, others are within normal limits.

Canine 22

RADIOGRAPHIC STUDY OF THE THORAX, ABDOMEN, SPINE, PELVIS AND SHOULDERS

BREED

German Pointer X The body condition score is 5/9. The lumbar dorsal spinous processes are outlined by the skin

Spine

SEX

Spayed Female The cervical muscles and fat layers appear physiological. Number and shape of the vertebrae are physiological. The structures are well mineralized and have smooth surfaces. The facet joints L3/4 show new bone formation. The disc spaces L5/6 contains mineralized material which extends into mineralized material (approx. 1.3cm long) which runs perpendicular to it in the ventral spinal canal. A moderate amount of spondylosis, partially bridging, is present between T12 and L5.

AGE

15 Years

Thorax

INTERPRETED BY

Heike Rudolf, DVM,
Dr. med. Vet.,
DipECVDI DVR

The degree of pulmonary expansion is fair at best. The lungs are in contact with the thoracic boundaries and the tips are pointed. The lobar vessels are visible. The bronchial tree shows thinly, calcified walls and tapers uniformly towards the periphery. The cranial mediastinum is of physiological size and opacity. The trachea diverges from the thoracic vertebrae and dips at the carina. The cardiac silhouette occupies 75% of the chest height and 3 intercostal spaces (VHS 11). No chamber or outflow tract enlargement is evident.

HOSPITAL NAME

Trucott AH

Abdomen

The abdominal detail is in line with the BCS; diaphragm and abdominal wall are intact. The liver is located within the costal arch and the caudo-ventral lobe is pointed. The spleen appears physiological. Gastro-intestinal and urinary tract appear physiological. The sublumbar region appear unaltered.

REFERRING VET

Dr. Erini Abraham

Pelvis

All bones are well mineralized, have a normal trabecular structure and a smooth, continuous surface. Cortical-medullary development and differentiation of the included long bones are physiological. No new bone formation is evident.

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Shoulders

DATE

7/15/22



PATIENT Moca Thornhill
 Humerus and scapula are well mineralized, have a normal trabecular structure and smooth, continuous surfaces. Cortical-medullary development and differentiation of the long bones are physiological. New bone is present on both humeral heads and one caudal glenoid. The shoulder joints appear otherwise congruent with even subchondral bone surfaces.

SPECIES RADIOPHIC DIAGNOSIS

- Canine
- Calcified material in ventral spinal canal L5/6
 - Disc mineralization in situ L5/6
 - Facet joint arthrosis L3/4
- BREED**
- Spondylosis

German Pointer X **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

SEX Spayed Female
 Accurate positioning of the spine is difficult, even under G.A., and cord compression can only be identified with myelography or in cross sectional imaging. Thus, CT or MRI is necessary to identify cord pathology at the L5/6 disc space or mass lesions with compression at other sites.

TECHNICAL COMMENTS

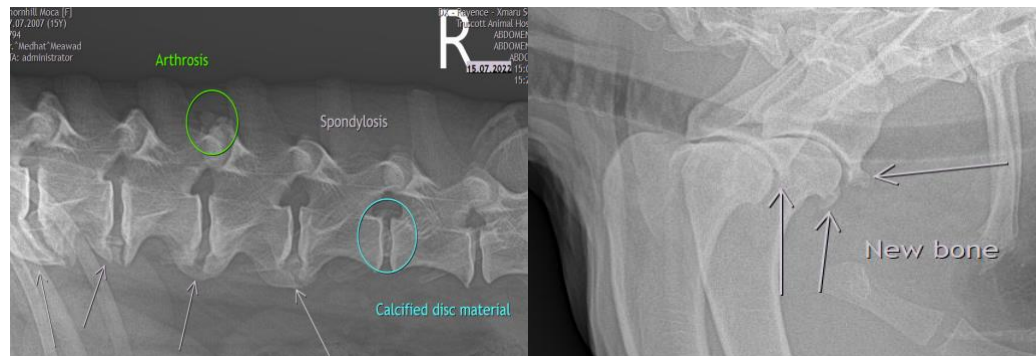
AGE 15 Years
 The pelvis is tilted to one side: no side marker on VD pelvis

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 DipECVDI DVR

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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.

REFERRING VET

Dr. Erini Abraham
 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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Heike Rudolf, DVM, Dr. med. vet., DipECVDI, DVR
 dr.h.rudorf@gmail.com

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SPECIES

Canine

BREED

German Pointer X

SEX

Spayed Female

AGE

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