



**PATIENT**

Gilbert Woody

**PRESENTING CLINICAL SIGNS**

Routine Full Body Scan

**COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN**

A high resolution plain CT study of the skull, thorax and abdomen is provided for review.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC FINDINGS**

Major parts of the thoracic and lumbar spine are cropped by the field of view.

**BREED**

Coonhound

Skull

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

**SEX**

MN

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

**AGE**

7 Years

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

The brain parenchyma is homogeneous and within normal limits for attenuation. The ventricular system is non-dilated and symmetric.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

Significant mineralization of the intervertebral disc C4/C5 is noted. The intervertebral disc C6/C7 presents mild to moderate heterogeneous mineralization and is mildly protruding into the vertebral canal.

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Thorax

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

**REFERRING VET**

Steven Epstein, DVM

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.

**INVOICE**

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The lung parenchyma presents the expected architecture and attenuation behavior.

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

**DATE**

6-29-22

Abdomen

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



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Both kidneys present within normal limits for size, shape and organ architecture.

The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma.

**SPECIES**

Canine

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

**BREED**

Coonhound

The lumbosacral intervertebral disc presents mild central mineralization and the vertebral endplates of the lumbosacral junction present mild spondylosis formation.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Mild intervertebral disc protrusion C6/C7 without compressive myelopathy
- Multifocal chondroid disc degeneration along the entire spine
- Normal skull
- Normal thorax
- Normal abdomen

**AGE**

7 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The current CT study presents without clinically relevant abnormalities. The intervertebral disc protrusion C6/C7 is only mild and considered unlikely to be associated with clinical signs.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Be aware that lesions might be missed in plain CT study.

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mild IVD protrusion C6/C7

**REFERRING VET**

Steven Epstein, DVM

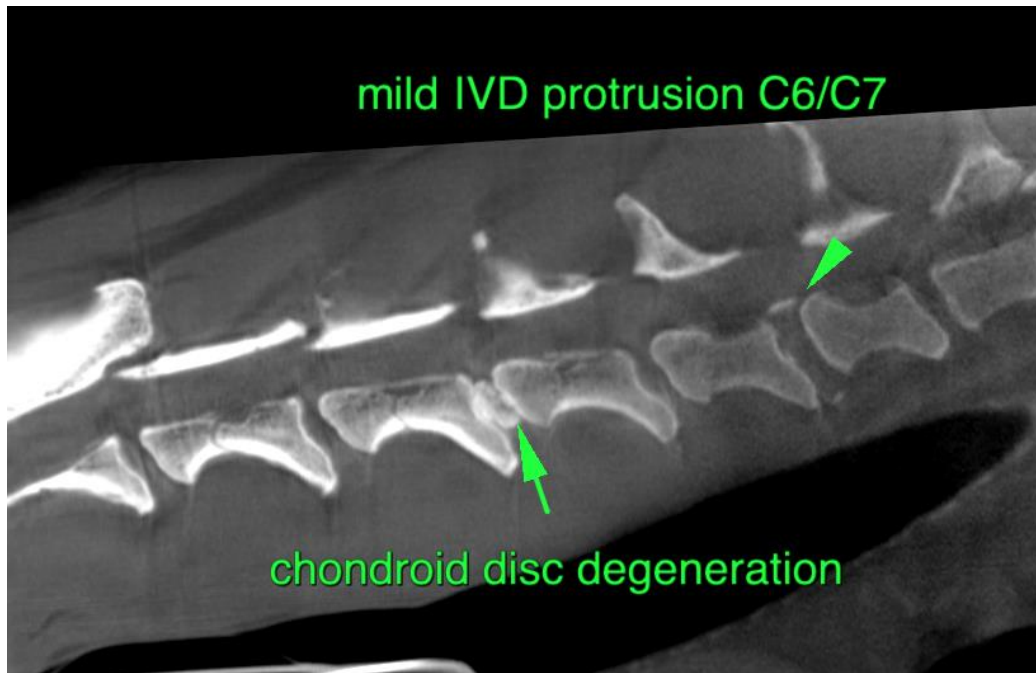
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chondroid disc degeneration

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**SPECIES**

Canine

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.

**BREED**

Coonhound

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.

**SEX**

MN

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**AGE**

7 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Animal Medical  
Center of Mt.  
Pleasant

**REFERRING VET**

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