



**PATIENT PRESENTING CLINICAL SIGNS**

Jagger Alarcon Previous CT due to coughing showed a Left thyroid nodule. Pet had surgery- parathyroid adenoma. The coughing had resolved but now returned.

**SPECIES COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

Canine A high resolution pre- and post-contrast CT study of the abdomen and a post-contrast CT study of the thorax are provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED Thorax/Neck**

Australian Shepherd The left thyroid gland is absent and a metal attenuating surgical vascular clip is seen in the region of the excised left thyroid gland.

**SEX** The remainder of the osseous and soft tissue structures of the neck are within normal limits.

Neutered Male The periarticular bones of both shoulder joints present mild osteophyte new bone formation.

**AGE** 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.

10 Years, 1 Month The cardiovascular structures including the pulmonary vasculature are within normal limits.

**INTERPRETED BY** 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.

Sebastian Schaub, DVM Dr. med. vet. DipECVDI The lung parenchyma presents the expected architecture and attenuation behavior, but zones of dystelectasis of the caudodorsal dependent aspects of the lung parenchyma.

**HOSPITAL NAME** Stationary well-defined ovoid mineral attenuating lesion is seen in the caudal mediastinum, caudal to the pericardium.

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

**REFERRING VET Abdomen**

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

**INVOICE** 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.

57629 The adrenal glands are within normal limits for size, shape and organ architecture.

**DATE** The spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

4-4-23 The hepatic volume is mild to moderately increased and the liver is protruding caudally beyond the costal arch. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.



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

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

**SPECIES** Both coxofemoral joints present moderate osteophyte new bone formation.

Canine **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- History of left sided thyroidectomy
- Hepatomegaly
- Dystelectasis caudodorsal dependent aspects of the lung due to general anesthesia
- Degenerative osteoarthritis coxofemoral joints bilaterally
- Degenerative osteoarthritis shoulder joints bilaterally
- Stationary nodular fat necrosis caudal mediastinum
- No evidence of pulmonary metastatic disease

**BREED**

Australian Shepherd

**SEX**

Neutered Male

#### **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

In comparison to the preceding CT study, no additional abnormalities are appreciated explaining the cough. There are no macroscopic signs for active lower airway inflammation – however lower airway sampling would be ideal to rule in/out inflammatory lower airway disease.

10 Years, 1 Month

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

Meaux

**INVOICE**

57629

**DATE**

4-4-23



**PATIENT**

Jagger Alarcon

**SPECIES**

Canine

**BREED**

Australian Shepherd

**SEX**

Neutered Male

**AGE**

10 Years, 1 Month

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Mobile Pet Imaging

**REFERRING VET**

Meaux

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.

**INVOICE**

57629

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sebast.schaub@gmail.com

**DATE**

4-4-23

