



**PATIENT**

Molly Hummel

**PRESENTING CLINICAL SIGNS**

Geriatric screening and pre-op for mass removal-2 suspected lipomas

**COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

**SPECIES**

Canine

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

**BREED**

Golden Retriever

**COMPUTED TOMOGRAPHIC FINDINGS**

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 and contrast enhancement pattern is uniform and considered within normal limits.

**SEX**

Female Spayed

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.

**AGE**

8 Years, 7 Months

The lung parenchyma presents the expected architecture and attenuation behavior, but regions of compression atelectasis of the caudodorsal aspects of the lung.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

Abdomen

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

**HOSPITAL NAME**

Catskill Veterinary Services, PLLC

Both kidneys present irregular margins and multifocal punctuate mineralization of the renal parenchyma. After contrast administration the renal medulla bilaterally presents a heterogeneous contrast enhancement pattern sparing multiple variable shaped & sized fluid attenuating regions. The kidneys present a normal pyelogram.

**REFERRING VET**

Dr Daniella Carbone

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 and homogeneous contrast enhancement, unremarkable.

**INVOICE**

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

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

**DATE**

7-28-22

S1 is incompletely fused to S2 and is articulating with the left sacroiliac joint and presents with a transverse process at the right aspect.



**PATIENT**

Molly Hummel

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Chronic nephropathy with nephrocalcinosis and renal medullary & cortical cysts
- Asymmetric lumbosacral transitional vertebra (Type III)
- No evidence of pulmonary metastatic disease

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The main finding is the chronic nephropathy of both kidneys with advanced formation of medullary cysts. If not done so yet, recommend full renal staging.

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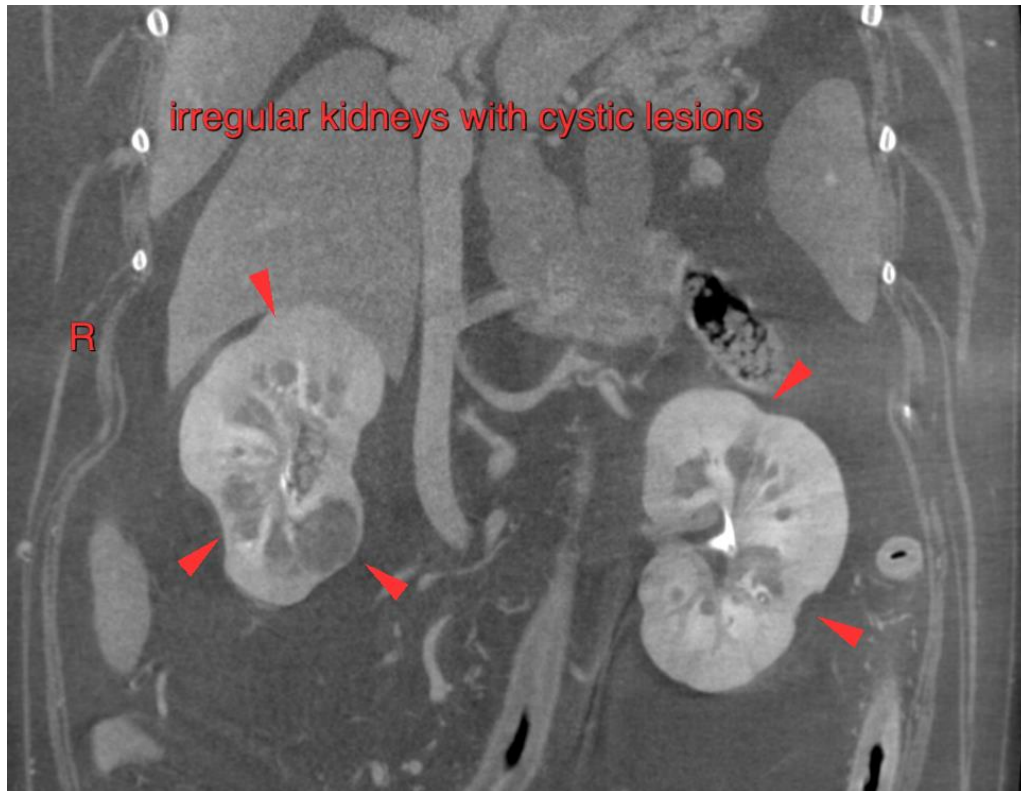
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**DATE**

7-28-22

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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