



**PATIENT PRESENTING CLINICAL SIGNS**

Lily Novak Met check due to tubulopapillary carcinoma <1cm excised from the right caudal mammary chain 2 weeks ago. Previous gallstone causing dilation of the common bile duct. Previously adopted. Abnormal PE/Chem/CBC/UA Results: Unremarkable PE.

**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.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Toy Poodle Thorax

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

**SEX** 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.

Spayed Female

**AGE** The cardiovascular structures are within normal limits. Multiple peripheral segments of the pulmonary arteries of the caudal lung lobes present with mild mineralization and are mildly dilated in comparison to the accompanying pulmonary veins.

12 Years

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.

**INTERPRETED BY**

The lung parenchyma presents the expected architecture and attenuation behavior.

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

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The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. Surgical clips are seen in the region of the absent ovaries.

**REFERRING VET**

Meaux

Both kidneys present a mild decreased volume with irregular margins. A small amount of mineral attenuating material is associated with the renal pelvis of the right kidney.. 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.

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

The parenchyma of the left lateral liver lobe presents with small intraparenchymal roundish filling defects.

**DATE**

9-20-22

A crescent shaped mineral attenuating calculus is noted within the gallbladder, measuring 5.8 x 3.4 x 8.5 mm in size. No dilation of the common bile duct is appreciated.

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



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

Lily Novak

Multifocal mild to moderate spondylosis format is seen along the lumbar spine. The intervertebral disc space L4/L5 is collapsed, and the subchondral bone of the respective vertebral endplates presents an increased sclerosis.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Chronic nephropathy
- Right sided nephrolithiasis without signs of obstruction
- Hepatic cysts
- Chronic discopathy L4/L5
- Non-obstructive cholecystolithiasis
- Dystrophic mineralization pulmonary arteries
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

**BREED**

Toy Poodle

**SEX**

Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study is negative for metastatic disease and no additional clinically relevant abnormalities are appreciated but signs of chronic renal disease – consider complete IRIS staging.

**AGE**

12 Years

The mineralization of the pulmonary arteries can be caused by preceding or ongoing parasitic infection, such as *Angiostrongylus* or *Dirofilaria*. Testing for potential infection following the guidelines of the “American Heartworm Society” <https://www.heartwormsociety.org> is recommended.

**INTERPRETED BY**

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**PATIENT**

Lily Novak

**SPECIES**

Canine

**BREED**

Toy Poodle

**SEX**

Spayed Female

**AGE**

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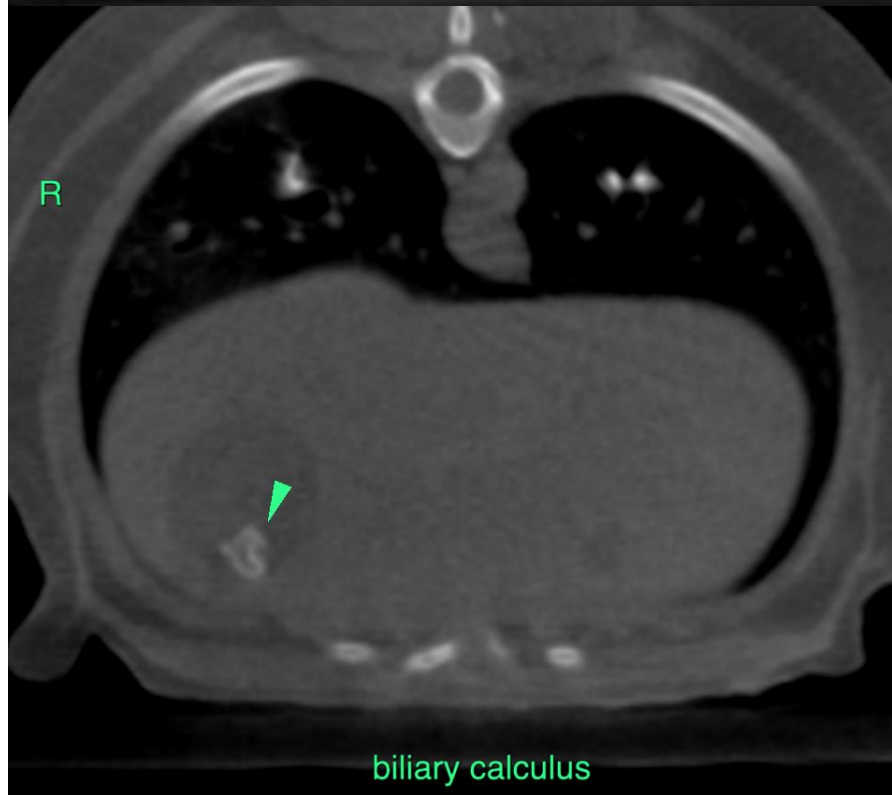
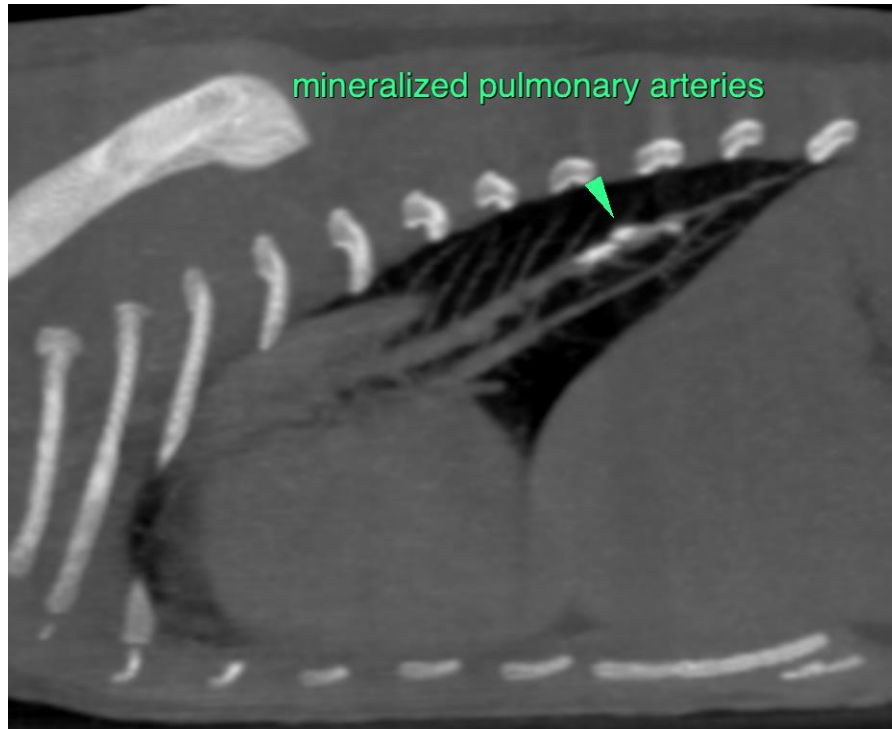
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**PATIENT**

Lily Novak

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.

**SPECIES**

Canine

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.

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

Spayed Female

**AGE**

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