



**PATIENT PRESENTING CLINICAL SIGNS**

Bella Cantos History: Bladder tumor vs infiltrative disease vs infection  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

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

**SEX**

Spayed Female Both kidneys present mild irregular margins and a mild amount of mineral attenuating material is associated with the renal pelvis bilaterally. After contrast administration both kidneys present multiple variable sized, roundish filling defects, measuring up to 4 mm in diameter. The urinary bladder is empty. A cauliflower like mass is protruding from the dorsal urinary bladder wall into the lumen, measuring 16 x 9 x 16 mm in size.

**AGE**

12 Years

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

The liver is prominent and the caudoventral margins are rounded. The hepatic parenchyma is, uniformly attenuating and homogeneous contrast enhancing.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

The spleen is prominent and multiple ill-defined roundish mild mineral attenuating lesions are seen throughout the splenic parenchyma.

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

**HOSPITAL NAME**

Animal Clinic fo  
Queens

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

The intervertebral discs T12/T13 and L7/S1 are protruding moderately into the vertebral canal, displacing the dural tube/cauda equina fibers at the same level dorsally. Both stifle and tarsal joints present moderate osteophyte new bone formation.

**REFERRING VET**

Dr. Robert W. Thomas

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

12589

- Intraluminal mural mass originating from the dorsal urinary bladder wall
- Mineralizing parenchymal lesions of the spleen
- Hepatomegaly
- Intervertebral disc protrusion T12/T13 and L7/S1 with compressive myelopathy
- Renal cysts

**DATE**

8/18/21



**PATIENT** • Degenerative osteoarthritis stifle and tarsal joints bilaterally

Bella Cantos

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES**

Canine

The mass in the urinary bladder is highly suggestive for neoplastic transformation and transitional cell carcinoma is the top differential here. The splenic mineralizing parenchymal lesions are concerning for metastatic spread – siderofibrotic nodules or granulomatous splenitis are differentials. Recommend ultrasound guided suction biopsy or cystoscopy including biopsy of the urinary bladder mass as well as FNA sampling of the splenic mineralizing lesions for further definition. Based on the location of the mass at the craniodorsal urinary bladder wall, surgical excision appears feasible.

**BREED**

Maltese

Consider full tumor staging.

Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

**SEX**

Spayed Female

**AGE**

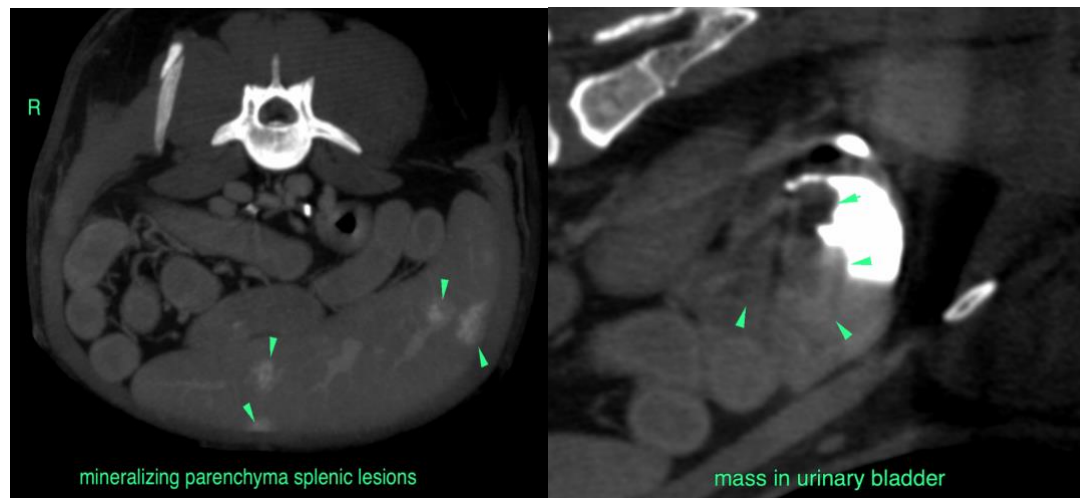
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**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

**REFERRING VET**

Dr. Robert W. Thomas

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**  
sebast.schaub@gmail.com

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**PATIENT**

Bella Cantos

**SPECIES**

Canine

**BREED**

Maltese

**SEX**

Spayed Female

**AGE**

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