



**PATIENT PRESENTING CLINICAL SIGNS**

Sophie Denton History: Hyaline casts, historical CHF w/ pulmonary hypertension. Azotemic, Mitral and tricuspid endocardiosis.

**SPECIES**

Canine

**BREED**

Yorkshire Terrier

**SEX**

Spayed Female

**AGE**

14 years

**WEIGHT**

5.1 lbs

**INTERPRETED BY**

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM

**IMAGING PERFORMED BY**

Dr. Freson

**HOSPITAL NAME**

Kings VH

**REFERRING VET**

Dr. Freson

**INVOICE**

13675

**DATE**

7.13.23

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder is full, with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left kidney 2.40 cm / right kidney 2.70 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. No infarcts, mineralization or renoliths evident.

**Adrenal Glands**

Poorly visualized, but appear to be of normal shape, appearance and size.

**Spleen**

Normal size (0.90 cm) and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. Incidental myelolipoma.

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

**Gallbladder**

The gallbladder is full, containing large amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

**Gastrointestinal**

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

**Pancreas**

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**Free Abdomen**

Normal mesenteric lymph nodes.

No ascites evident.



**PATIENT      ULTRASONOGRAPHIC FINDINGS**

Sophie Denton

**Primary Findings**

**SPECIES**

- Renal disease

Canine

**Secondary Findings**

**BREED**

- Gall bladder sediment

Yorkshire Terrier

**SEX**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Spayed Female

The appearance of the kidneys would be consistent with chronic kidney disease and in line with the azotemia on serum biochemistry.

**AGE**

Further assessment would be urinalysis, urine culture, UPC (if sediment and culture negative), and blood pressure.

14 years

**WEIGHT**

Management of the renal disease would be feeding a renal diet and the use of empiric phosphate binders, as needed.

5.1 lbs

Management of the gall bladder sediment would be Ursodiol.

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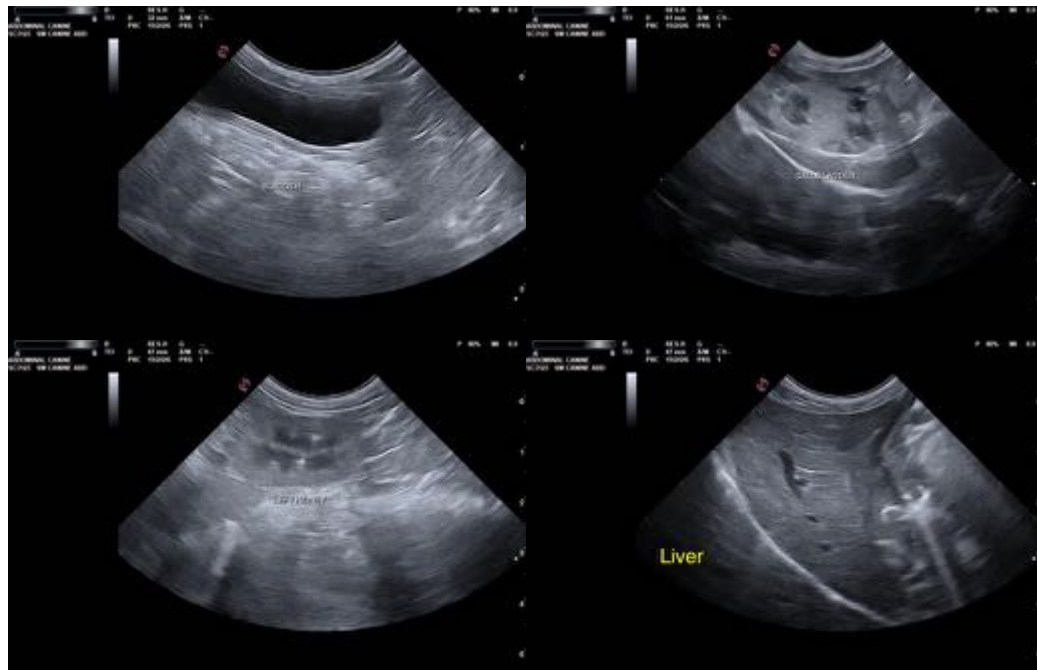
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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