

**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Diva Dinh History: Hindquarter paralysis, bladder being manually expressed.

**SPECIES** Physical Examination: Hard stomach on palpation.

Canine Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: N/A.

Poodle Radiographic Findings: N/A.

**SEX**

FS

**AGE**

14 years

**WEIGHT**

10 #

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Denise Bruno LVT, RDMS

**HOSPITAL NAME**

Mobile Vet Unit

**REFERRING VET**

Dr Cortes

**INVOICE**

303169

**DATE**

8/5/22

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Distended urinary bladder with a normal thickness and echogenic appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (both 4.3 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal blood flow and capsule. Mild bilateral pyelectasia and mineralization.

**Reproductive System**

N/A.

**Adrenal Glands**

Normal shape, echogenic appearance, position, and size. Left 1.55 x 0.48/0.45 cm, right 1.68 x 0.52/0.45 cm.

**Spleen**

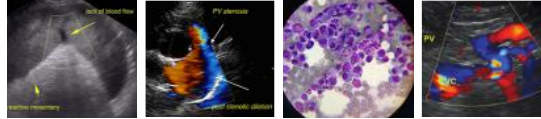
Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

**Gastrointestinal**

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (small intestine 0.37 cm) and peristalsis, and no distension of the lumen.



**PATIENT** *Pancreas*

Diva Dinh Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine No mesenteric lymphadenomegaly.

**BREED** No ascites.  
Small amount of acellular pleural fluid.

Poodle

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Primary findings:

- FS
- Renal disease.
  - Distended urinary bladder.
  - Pleural effusion.

**AGE**

14 years

Secondary findings:

**WEIGHT**

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- Gall bladder sediment.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the kidneys would be chronic kidney disease, bacterial nephritis, early pyelonephritis, and hypertensive nephropathy.

The most likely etiology for the urinary bladder would be bladder atony.

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Further assessment would be urinalysis, urine culture, renal function (urea, creatinine, SDMA), survey thoracic radiographs, neurological exam, and possibly analysis of the pleural effusion.

Specific therapy would be dependent on an etiological diagnosis.

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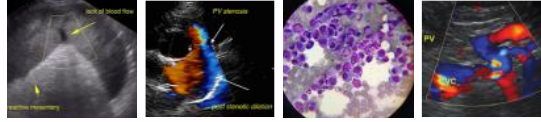
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**PATIENT**  
Diva Dinh

**IMAGES**  
Left kidney

**SPECIES**

Canine

**BREED**

Poodle

**SEX**

FS

**AGE**

14 years

**WEIGHT**

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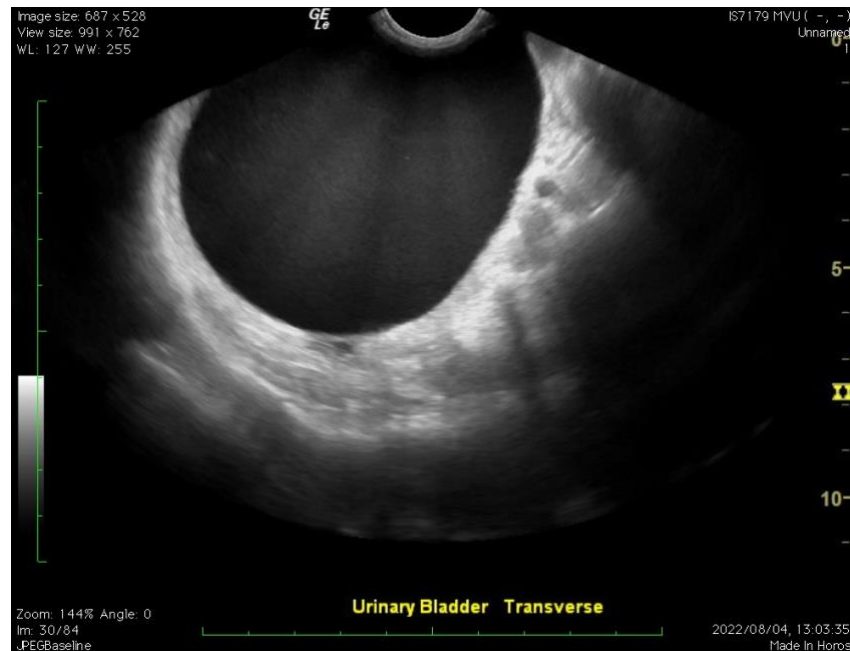
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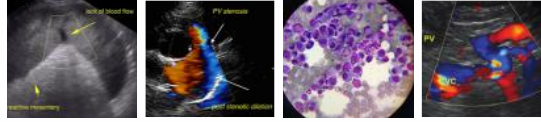
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**Urinary bladder**





**PATIENT Thorax**

Diva Dinh

**SPECIES**

Canine

**BREED**

Poodle

**SEX**

FS

**AGE**

14 years

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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.

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