



PATIENT PRESENTING CLINICAL SIGNS

Orly Estrada History: Acute onset seizure activity.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Mildly elevated ALP activity.

Poodle Mix Radiographic Findings: Hepatomegaly, cystic calculi.

SEX

MN

AGE

12 years

WEIGHT

12 #

INTERPRETED BY

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ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Focal polypoid mass (0.5 x 0.7 cm) on the apical wall Normal anechoic urine with no sediment evident. Multiple uroliths (up to 1.1 cm).

Normal trigone area, proximal urethra (0.4 cm), and iliac blood vessels.

Normal Iliac lymph nodes (0.8 cm). Ureters not visualized.

Normal renal size (4.4 cm, right 4.9 cm), normal echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

Small hypoechogenic prostate (0.6 cm).

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.65/0.71 cm, right 0.58/0.5 cm.

Spleen

Normal size (1.5 cm) with a normal echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Enlarged with rounded edges, diffuse increased echogenic, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing moderate amount of hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.2 cm).

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Kim

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DATE

8/4/22


PATIENT *Gastrointestinal*

Orly Estrada

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.45 cm, duodenum 0.49 cm, jejunum 0.36 cm) and peristaltic activity, and no distension of the lumen. Small amount of shadowing material within the stomach (2.7 cm).

SPECIES

Canine

Pancreas
BREED

Poodle Mix

Normal size (right 0.6 cm, left 0.7 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX

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No mesenteric lymphadenomegaly.
No ascites

AGE

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ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Hepatopathy.
- Uroliths.

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Secondary Findings:

- Urinary bladder polyp.
- Gastric foreign material.
- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, early nodular regeneration, and chronic hepatitis; with infiltrative neoplasia, an unlikely differential diagnosis.

Although the urinary bladder polyp is most likely an incidental finding and associated with uroliths, emerging neoplasia needs to be considered.

The gall bladder can be considered incidental but needs to be monitored for possible development of a mucocele.

With the age of the patient and acute onset seizure activity, intra-cranial disease would be an important consideration.

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Further assessment would be urinalyses, urine culture, neurological examination. FNA cytology of the liver, BRAF assay, and MRI of the brain could also be considered.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Orly Estrada **Urinary bladder**

SPECIES

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Poodle Mix

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PATIENT Stomach

Orly Estrada

SPECIES

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Liver



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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