


PATIENT PRESENTING CLINICAL SIGNS

Max-a-million Velasco History: ADR, hyporexia, possible neoplasia.

Physical Examination: N/A.

SPECIES

Urinalysis: N/A

Canine

CBC: Anemia.

BREED

Serum Biochemistry: N/A.

Miniature Schnauzer

Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN

Urinary System

Age

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment evident. Small uroliths (0.1 cm) present.

13 years

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

WEIGHT

Normal iliac lymph nodes (1.8 cm). Ureters not visualized.

14 #

Left kidney – normal size (left 4.7 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

INTERPRETED BY

Right kidney – large irregular mottled echogenic vascularized mass (2.8 x 5.2 cm) that appears to surround the caudal vena cava. FNA taken with no obvious post aspirate hemorrhage.

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Reproductive System
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Small hypoechogenic prostate (0.7 cm).

Sonya Myers, DVM

Adrenal Glands
HOSPITAL NAME

Normal position, echogenic appearance, shape, and size. Left 0.63/0.6 cm, right 0.61 cm.

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Spleen

Normal size (1.1 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

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Liver
INVOICE

Enlarged with rounded edges, hyperechogenic and nodular appearance, loss of portal markings, and regular curvilinear capsule. Nodules are faint, hypoechogenic, parenchymal and up to 0.7 cm in size. No masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

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DATE

1/17/23


PATIENT *Gastrointestinal*

Max-a-million Velasco

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.3 cm, duodenum 0.41 cm, jejunum 0.22 cm, colon 0.1 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Canine

Pancreas

Normal size (0.9 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

Miniature Schnauzer

Free Abdomen

Normal mesenteric lymph nodes (1 cm).

SEX

No ascites.

MN
Thorax
Age

Presence of B-lines.
Pulmonary infiltrates.

13 years

WEIGHT

14 #

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Right renal mass.
- Nodular hepatopathy.
- Pulmonary pathology.

Secondary Findings:

- Urinary bladder calculi.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the right kidney would be neoplasia with a granuloma a less likely differential diagnosis.

Etiologies for the hepatopathy would be reactive, hyperplasia, vacuolar, nodular hyperplasia, granulomatous disease, chronic hepatitis, and infiltrative neoplasia.

Etiologies for the pulmonary changes would be neoplasia, pneumonia, edema.

Further assessment needs to be based on the pending cytology results but could include 3-view thoracic radiographs and FNA cytology of the liver. If nephrectomy is being considered then a CT scan of both the abdomen and thorax would be recommended.

Specific therapy would be dependent on an etiological diagnosis.



PATIENT

Max-a-million Velasco

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

MN

Age

13 years

WEIGHT

14 #

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INVOICE

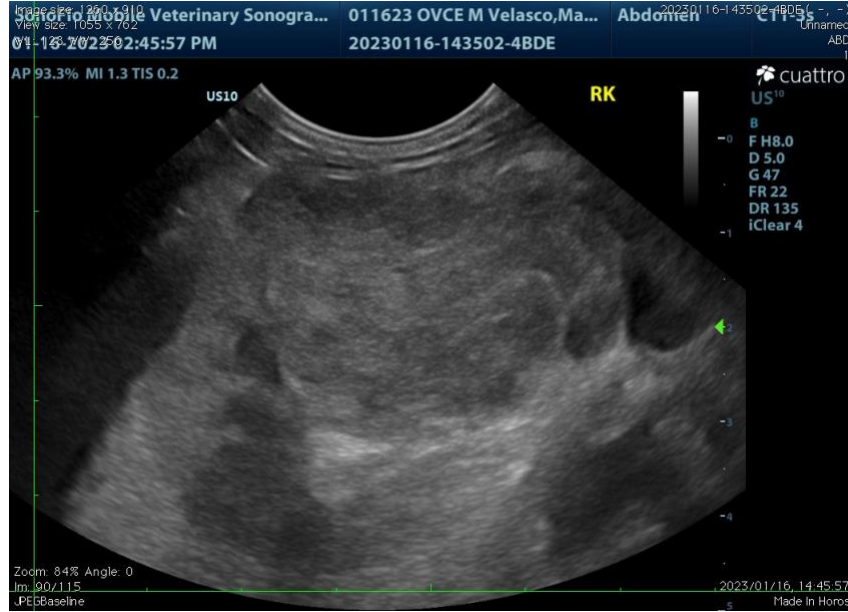
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IMAGES

Right kidney



Liver/B-lines





PATIENT

Urinary bladder

Max-a-million Velasco

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

MN

Age

13 years

WEIGHT

14 #

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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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