



PATIENT PRESENTING CLINICAL SIGNS

Wall-E Armada History: Date: 6/3/2022 Reason for Visit: non-anesthetic dental / Annual w/ bloodwork / Rabies Wavier / bath History: Doing well at home. No complaints at this time

SPECIES Abnormal PE/Chem/CBC/UA Results: Hydration: Appropriately hydrated Mentation: BAR, nervous
EENT: No nasal discharge; clear no discharge OU; clean no exudate AU; No cough on tracheal palpation.
Canine Oral Cavity: No dental tartar present Lymph Nodes: Symmetrical, no changes in size, shape, consistency
Skin: Good hair coat, no signs of ectoparasites. No lesions noted. Small approx 2 cm round, soft, movable
BREED SQ mass present on the left abdominal flank CV/Respiratory: No murmur/arrhythmia or
Chihuahua SQ mass present on the left abdominal flank CV/Respiratory: No murmur/arrhythmia or
crackles/wheezing auscultated. Synchronous pulses, normal rate. Normal bronchovesicular sounds.
Abd/GI: Tense non painful abdomen, difficult for deep palpation Uro/Perineum: N Musculoskeletal:
SEX Normal ambulation, no lameness noted. No pain on palpation of spinal column, normal flexion/extension
present in all joints of all limbs. BCS 5/9 Neurological: Appropriate 1) CBC: RETIC 146 (10-110) 2)
MN CHEM: TP 7.6 (5.5-7.5), ALT 128 (18-121), ALP 457 (5-160), BIL CONJUG 0.2 (0.0-0.1), LIPA 360 (0-
250) 3) UA (void): SG 1.042, PROT 1+, KET trace, Bil 1+, WBC 0-2/hpf, RBC 0-2/hpf, RODS 9-40/hpf
4) TT4: WNL 5) 4dx: Negative

AGE ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

8 yr **Urinary System**

WEIGHT The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm
18.3 lb exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or
sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence
of inflammatory or neoplastic changes were noted.

INTERPRETED BY Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and
normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or
slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the
cortex with no evidence of pelvic dilation. The left kidney measured 4.6 cm in length. The right kidney
measured 4.5 cm in length.

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

The area of the aortic trifurcation was free of pathology.

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Michaleen

The residual prostate was free of pathology measuring 0.7 cm in diameter.

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Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The
left adrenal gland measured 0.31 cm width at the caudal pole and 0.52 cm width at the cranial pole. No
overt pathology in the area of the right adrenal gland.

REFERRING VET

Dr. Rivera

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the
liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion.
The splenic vasculature at the hilus was normal in volume with no evidence of congestion or
thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not
noted.

INVOICE

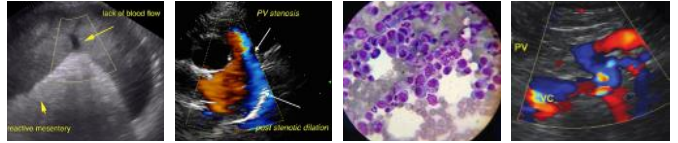
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Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and
hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were

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Wall-E Armada

normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

SPECIES

Canine

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

BREED

Chihuahua

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

SEX

MN

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

AGE

8 yr

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

18.3 lb

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable liver-mild nonspecific yet subjectively benign hepatopathy
- Otherwise sonographically normal abdomen

INTERPRETED BY

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(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A urine C/S on a sterile urine sample may be considered if clinically indicated based on UA. Hepatosupportive medications such as Denamarin would be reasonable given the overall normal sonographic appearance of the liver with continued monitoring of hepatic enzymes. If persistent/progressive hepatic enzyme elevation, hepatic sampling such as initial ultrasound guided FNA for screening cytology could be considered for further assessment.

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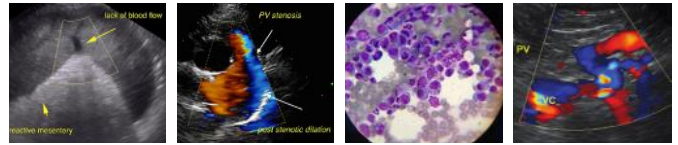
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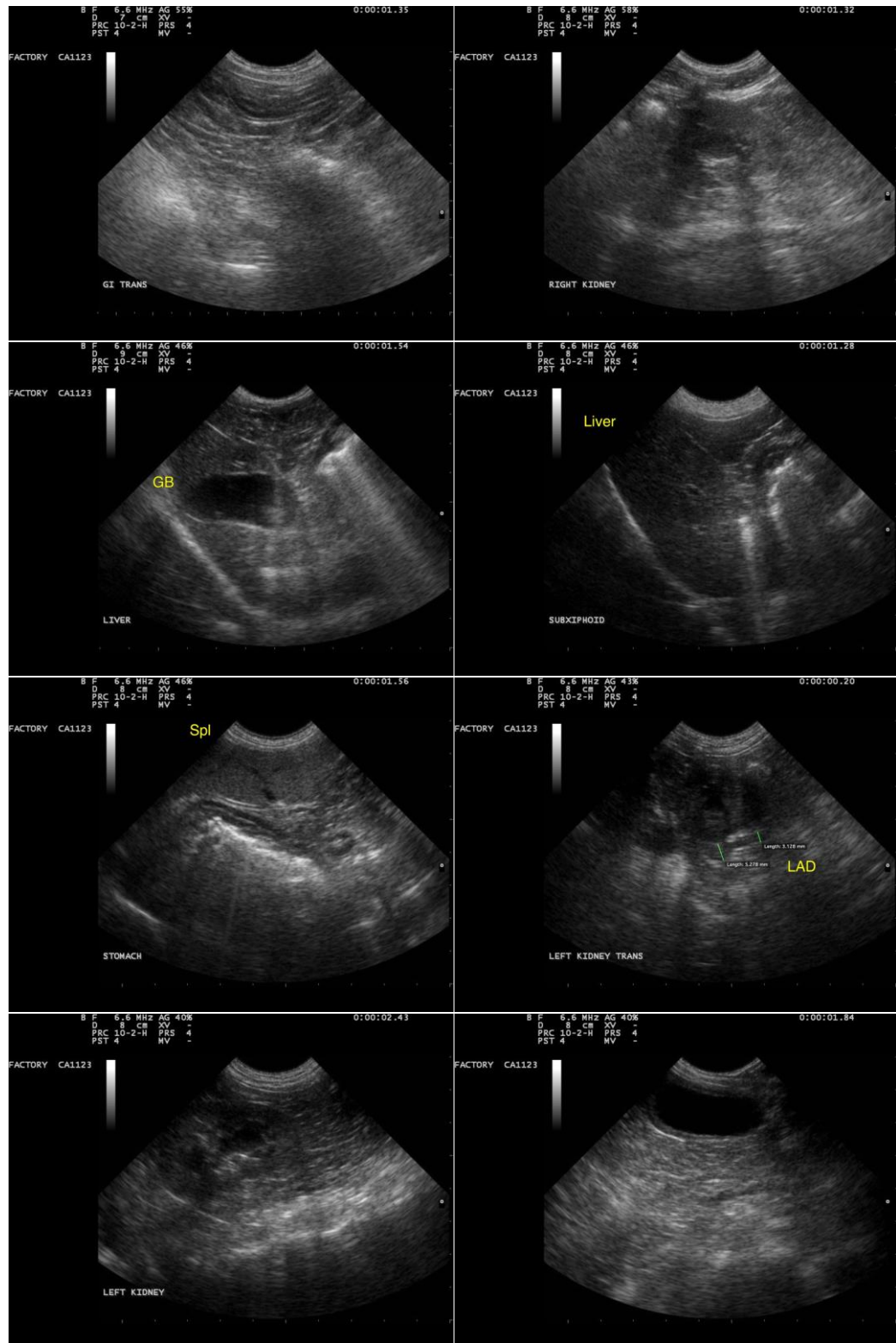
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The information and recommendations provided are based on the images presented by the referring



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veterinarian/sonographer. 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.

SPECIES

Canine

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com

BREED

Chihuahua

SEX

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AGE

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WEIGHT

18.3 lb

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