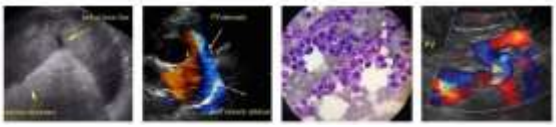


PATIENT

Maggi McArthur

SPECIES

Canine

BREED

Yorkie X

SEX

FS

AGE

7 years

WEIGHT

4.25 kg

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP

IMAGING PERFORMED BY

Kelly Reshny, RVT

HOSPITAL NAME

Graham AH

REFERRING VET

Dr. Sutton

INVOICE

12413

DATE

10/21/21

PRESENTING CLINICAL SIGNS

Presenting for consultation regarding a lump in inguinal region - First noticed yesterday - Went away after she defecated? - Was "round, soft and the diameter of a banana" Suspect L inguinal hernia Cause unknown - No hx of trauma per owner Abd radiograph (lat) - Soft tissue opacity tracking through inguinal canal? Non diagnostic. Dense mammary tissue caudal mammae, smooth firm tissue with stock L inguinal region - reducible? Non painful. 1.5cm soft lipomatous SQ mass ventral chest.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm 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 was noted.

The area of the aortic trifurcation was free of pathology.

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 3.3 cm in length. The right kidney measured 3.3 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.4 cm length x 0.42 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.5 cm length x 0.49 cm width at the caudal pole.

Spleen

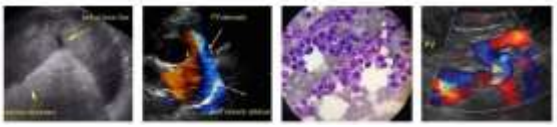
The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute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

Liver/ Gallbladder

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 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

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.



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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.

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

Pancreas

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 were evident.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

Sonographic assessments in the likely left inguinal area (videos not distinctly labeled) revealed a small inguinal hernia consisting of mesenteric fat within the left inguinal subcutaneous space. The peritoneal lining was visualized adjacent to a small ostium measuring approximately 0.5 cm in diameter. The amount of mesenteric fat within the subcutaneous space measured approximately 2.0 cm in diameter. Subtle evidence of associated inflammation exhibited by subtle fuzzy fat was noted. Doppler assessment confirmed minor vascularity within the subcutaneous mesenteric fat.

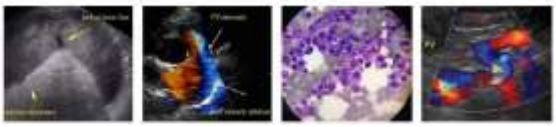
ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Sonographically unremarkable abdomen
- Small inguinal hernia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The inguinal hernia may be sliding somewhat, resulting in variable size. No overt evidence of mammary tissue pathology was noted in this study. Continued monitoring vs. surgical repair may be considered.



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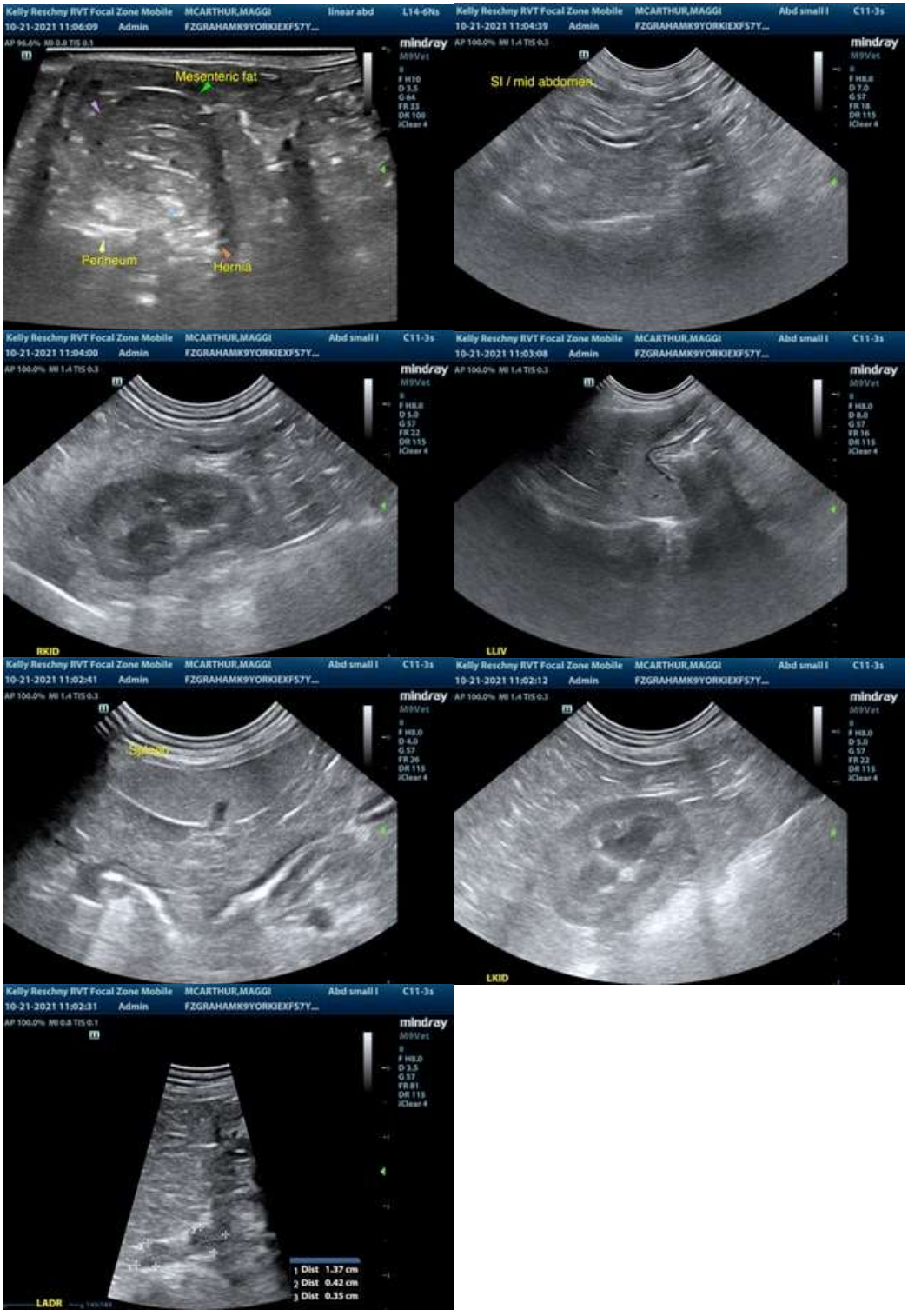

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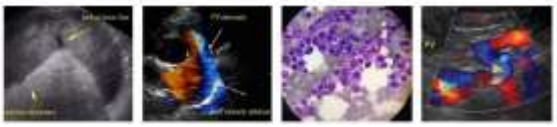

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289-808-2608 info@thefocalzone.com

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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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com