



PATIENT PRESENTING CLINICAL SIGNS

Bella Trussell
SPECIES
Canine
BREED
Chihuahua
SEX
Spayed Female
AGE
8.5 Years
WEIGHT
3.3 Pounds

History of declining mobility with intermittent anorexia and lethargy since May 2022, patient intermittently improved with NSAIDs and supportive care for possible IVDD but did not start to ambulate normally until Prednisone trial was initiated last month- since starting Pred owner reports patient is back to normal Radiographs performed of thorax and abdomen last month, reviewed by radiologist --unremarkable thorax, possible IVDD of L5-L6 and ventral displacement of sacrum relative to L7

Abnormal PE/Chem/CBC/UA Results: labs in September revealed elevated globulin and protein with low albumin, mild anemia and leukopenia, polyclonal gammopathy was noted on protein electrophoresis this month Current Medications 1/4 tab 5 mg Prednisone daily

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 1.0 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 were noted.

No evidence of medial iliac or sublumbar lymphadenopathy.

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. Pinpoint areas of medullary mineralization noted. The right kidney measured 3.4 cm. The left kidney measured 3.0 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.1 cm long x 0.28 cm at the caudal pole. The left adrenal gland measured 1.3 cm long x 0.31 cm 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

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.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

VCA Salem AH

REFERRING VET

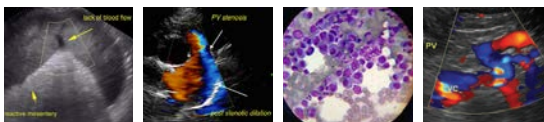
Dr. Tremper

INVOICE

42729

DATE

11/10/22



PATIENT *Gastrointestinal*

Bella Trussell 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.

SPECIES

Canine

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.

SEX

Spayed Female

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 was evident.

Free Abdomen

AGE

8.5 Years

No omental masses, lymphadenopathy, or peritoneal free fluid.

WEIGHT

3.3 Pounds

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable abdomen
- Normal spleen
- Bilateral pinpoint renal medullary mineral

INTERPRETED BY

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(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, no evidence of overt visceral pathology, specifically no evidence of intraabdominal neoplastic criteria or overt inflammatory disease. Further assessment of the polyclonal gammopathy in combination with the CBC abnormalities may include CBC pathology review, infectious disease serology, as well as full urinalysis with potential UPC if clinically indicated or evidence of proteinuria.

IMAGING PERFORMED BY

Sara Hansen

For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

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One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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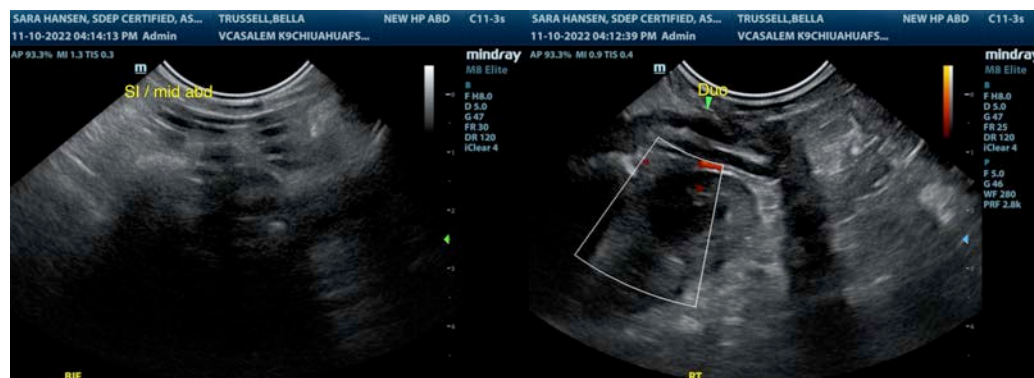
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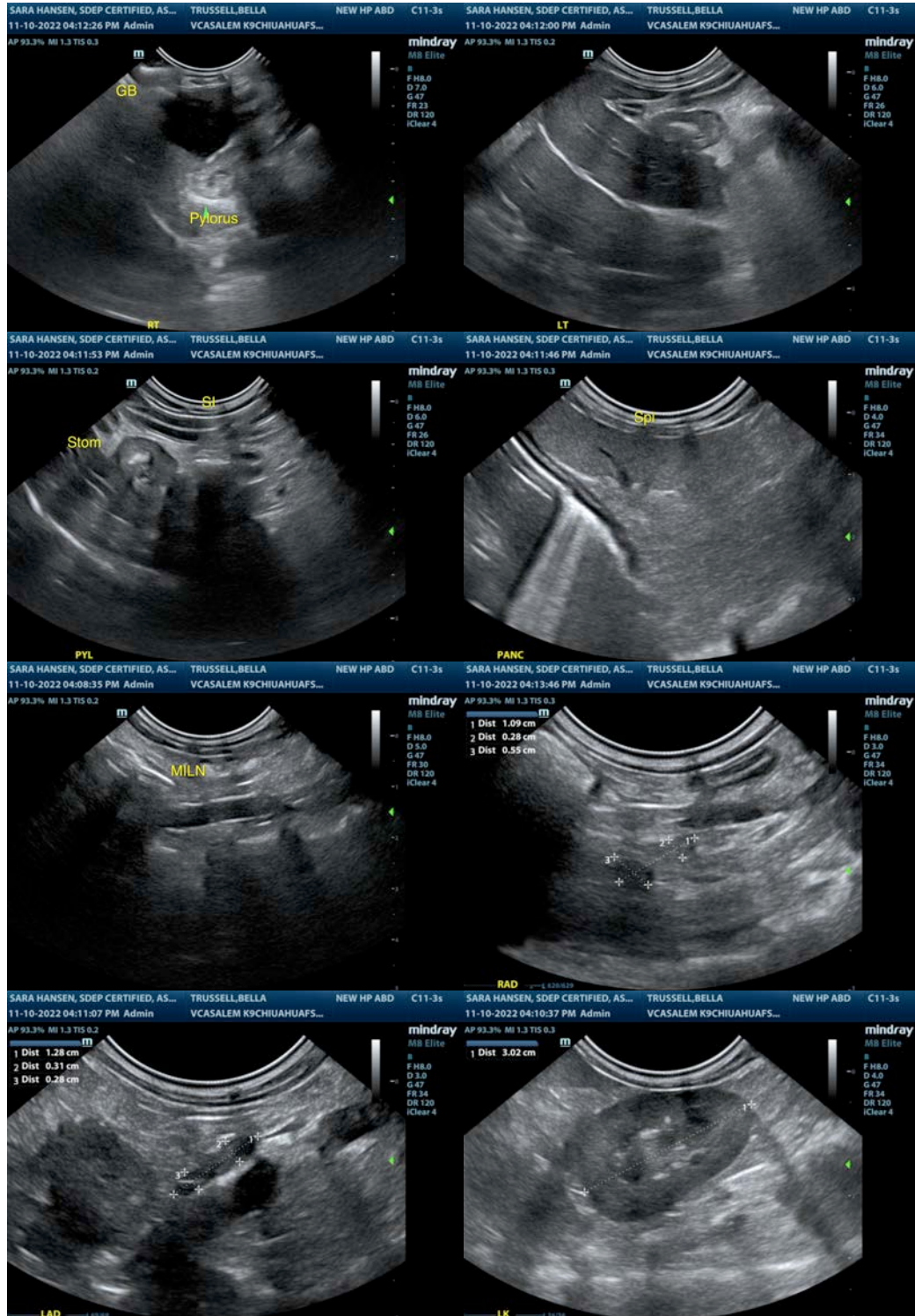
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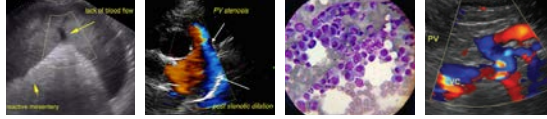
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PATIENT

Bella Trussell

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Chihuahua

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

info@SonoPath.com

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