



PATIENT

Colleen Chen

SPECIES

Canine

BREED

Bichon/Schnauzer
mix

SEX

F/I

AGE

9 months

WEIGHT

16.3 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Ridge Road AH

REFERRING VET

Dr. Pathak

INVOICE

16248

DATE

2/22/2023

PRESENTING CLINICAL SIGNS

Patient was in heat a month ago; intact male lives in the home. Abdominal palpation on 2/20/23 was suspicious for pregnancy. Concern for elevated WBC on blood work.

Abnormal PE/Chem/CBC/UA Results: WBC 26.5, neutrophils 19107, lymphocytes 5486.

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.

Multiple, overtly viable fetuses exhibiting subjective normal heart rate and evidence of early skeletal mineralization were present. Subjective normal gravid uterus was noted. Primarily anechoic fluid surrounding every visualized fetus was present.

No obvious pathology was noted in the area of the left or right ovaries.

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 3.7 cm in length. The right kidney measured 4.5 cm in length.

Adrenal Glands

No overt pathology was noted in the area of the left or right adrenal glands.

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.

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

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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.

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Free Abdomen

No overt evidence of significant lymphadenopathy or peritoneal free fluid was present.

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ULTRASONOGRAPHIC FINDINGS

- Confirmed pregnancy with multiple subjective viable fetuses exhibiting evidence of early skeletal mineralization, subjective normal gravid uterus
- Otherwise sonographically unremarkable abdomen

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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(Canine and Feline)

Aside from the confirmed pregnancy, no obvious evidence of intraabdominal sonographic abnormalities was noted. The presence of subjective early skeletal mineralization suggests that the fetuses are at least 43-46 days old. An abdominal radiograph for a more definitive count of the fetuses is recommended approaching whelping. If antibiotics are elected in this case, avoidance of Fluoroquinolones and TMS is recommended. Consultation with a Reproductive Specialist may be considered.

IMAGING PERFORMED BY

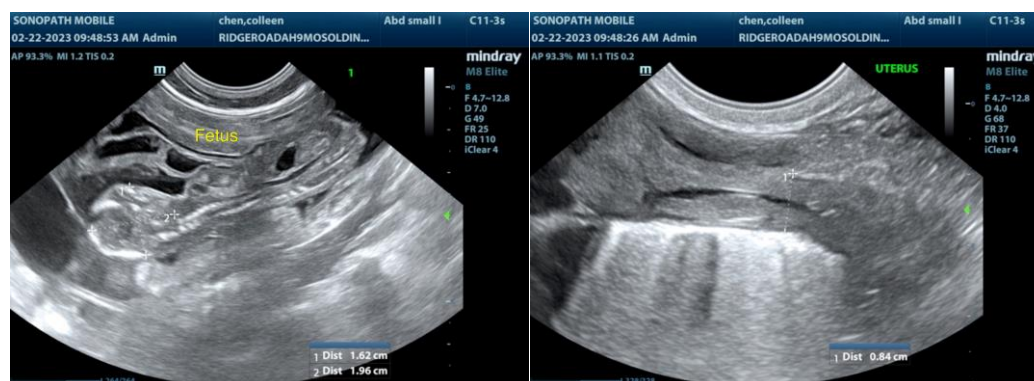
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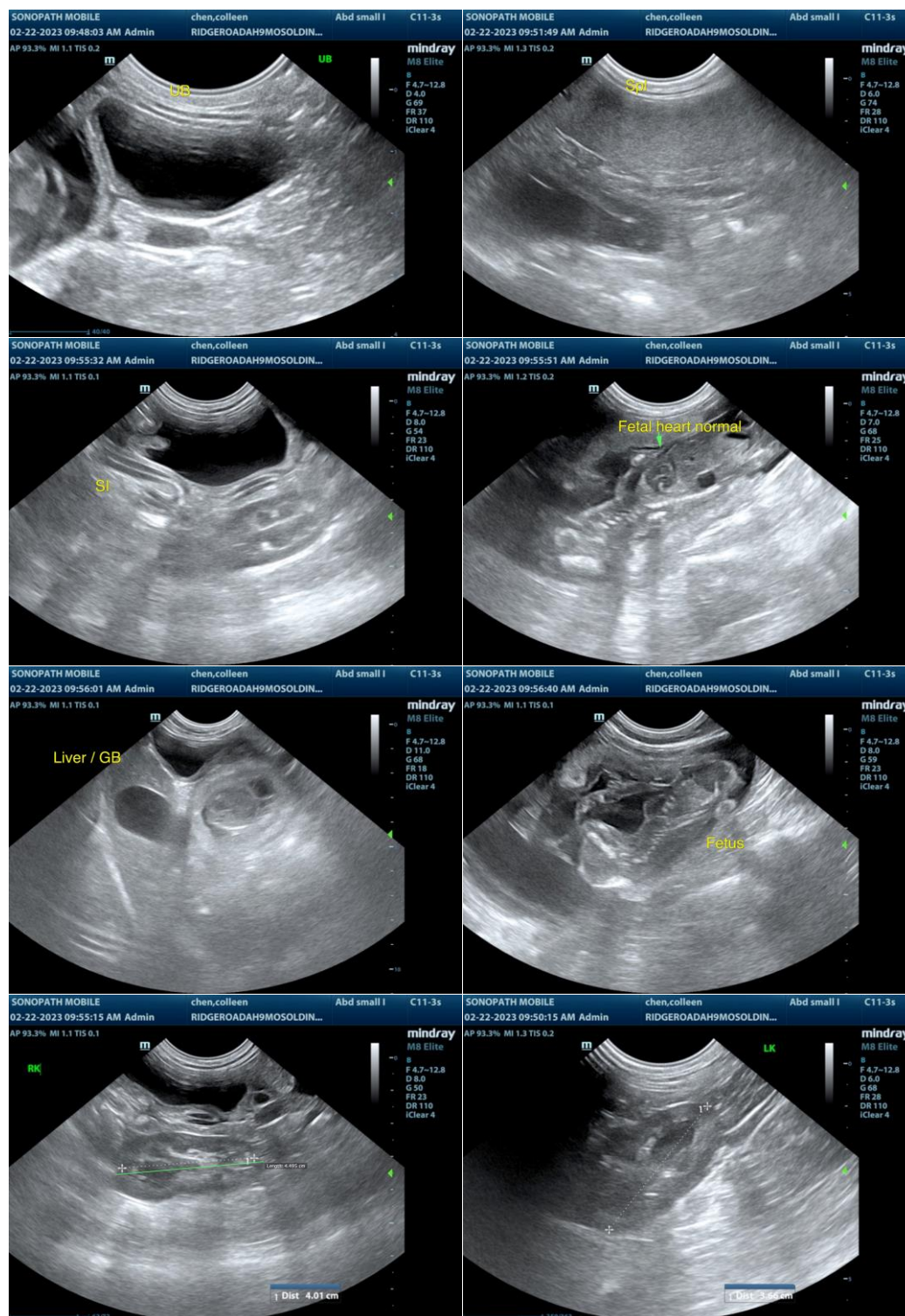
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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