



PATIENT	PRESENTING CLINICAL SIGNS
Pheonix Silmaril Kennels	Concern for possible dead puppies, due very soon. Also worried about possible inflammation somewhere due to bloodwork. Currently on Amoxicillin.
SPECIES	Abnormal PE/Chem/CBC/UA Results: Please see attached bloodwork. Anemia of chronic disease, increased mono and platelets, decreased ALB and increased TP and Globulins.
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
	Urinary System
Golden Retriever	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.
SEX	
Intact Female	The area of the aortic trifurcation was free of pathology.
AGE	The left kidney was obliquely visualized owing to displacement secondary to the gravid uterus. No overt pathology associated with the left kidney was noted.
4 years	Normal size and margination were present in the right kidney. 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 right kidney measured 6.9 cm in length.
WEIGHT	
56 lbs.	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP	The bilateral adrenal glands were indistinctly visualized, yet were without overt pathology. The left adrenal gland subjectively measured 2.4 cm length x 0.84 cm width at the caudal pole The right adrenal gland subjectively measured 2.0 cm length x 1.0 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Crystal Hill	The visualized 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.
HOSPITAL NAME	
Beamsville AH	
REFERRING VET	Liver/ Gallbladder
Dr. Wilson	The visualized 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 and common bile duct were not definitively visualized without overt pathology.
INVOICE	
12385	Gastrointestinal
DATE	The stomach, small intestine, and colon were indistinctly visualized owing to the gravid uterus and associated artifact. No overt evidence of gastroenterocolic pathology was noted.
10/7/21	


PATIENT
Pancreas

 Pheonix Silmaril
 Kennels

The pancreas was not definitively visualized.

SPECIES

Canine

Free Abdomen

No obvious lymphadenopathy was present.

BREED

Golden Retriever

Uterus

Multiple fetuses exhibiting skeletal mineralization were present. The exact number of fetuses was undeterminable. Viable fetuses exhibiting visualized heart rate were noted, while at least one yet likely higher nonviable fetuses exhibiting no visualized or detectable heart rate were present. Subjective increased uterine fluid suspected to be associated with the nonviable fetuses with potential for placental detachment was subjectively present. The possibility of concurrent peritoneal fluid is possible.

SEX

Intact Female

ULTRASONOGRAPHIC FINDINGS
AGE

4 years

Primary Findings

- Multiple, viable and nonviable fetuses with subjective increased uterine fluid, potentially associated with the nonviable fetuses
- Potential for concurrent free peritoneal fluid

WEIGHT

56 lbs.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
INTERPRETED BY

 R. McKenzie Daniel,
 DVM, DABVP

Potential options in this case may include continued, ideally daily sonographic monitoring of the viable fetuses, as well as for evidence of increasing Intrauterine fluid with continued use of antibiotics vs. C-section based on the breeding date and estimated date of parturition. C-section probably sooner or later is likely preferred in this case to minimize potential adverse effects on the viable fetuses, secondary to the nonviable fetuses.

IMAGING PERFORMED BY

Crystal Hill

Additionally, the exact number of viable vs. nonviable fetuses was undeterminable, as was the location of the nonviable fetuses which may potentially be closer to the birth canal. Immediate C-section is likely indicated if fever or abnormal vaginal discharge is noted.

HOSPITAL NAME

Beamsville AH

REFERRING VET

Dr. Wilson

INVOICE

12385

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PATIENT

Pheonix Silmaril Kennels

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact Female

AGE

4 years

WEIGHT

56 lbs.

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Beamsville AH

REFERRING VET

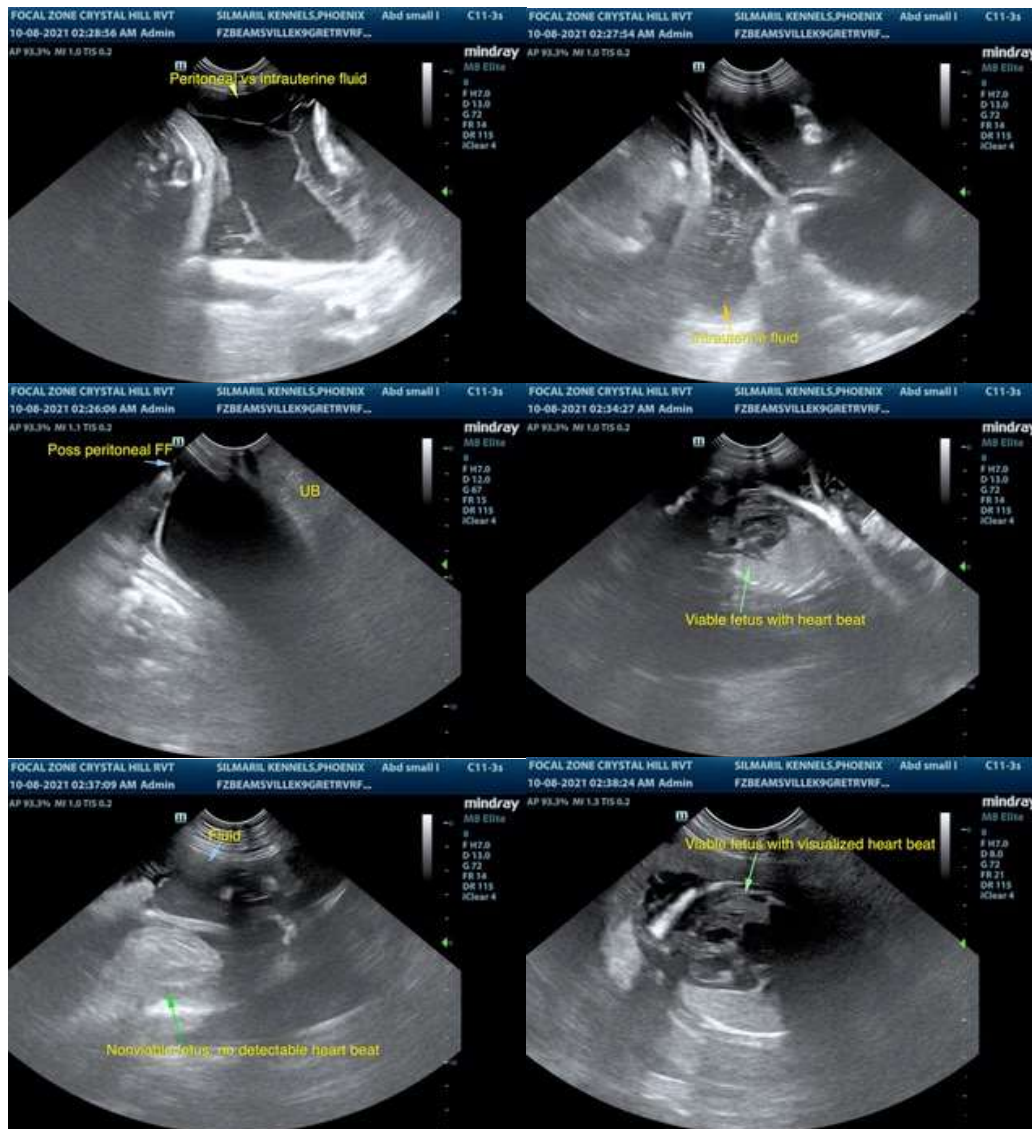
Dr. Wilson

INVOICE

12385

DATE

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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