



PATIENT PRESENTING CLINICAL SIGNS

Heather Souza History: Hematuria, palpable abdominal mass

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SPECIES
Urinary System

Lagamorph The urinary bladder presented a moderate amount of debris and minor irregular thickening.

BREED 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 right kidney measured 3.4 cm. The left kidney measured 3.12 cm.

SEX *Adrenal Glands*
 Female The adrenal glands were not visualized.

AGE *Spleen*
 7 years The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

WEIGHT *Liver*
 5.9 Pounds The liver was uniform with no obvious pathology. The gallbladder was unremarkable.

INTERPRETED BY *Gastrointestinal*
 Eric Lindquist, DMV DABVP, Cert. IVUSS The stomach was filled with ingesta. The small intestine and colon were unremarkable.

IMAGING PERFORMED BY *Pancreas*
 Rebekah Jakum, CVT ARDMS/RVT The base and limbs of the pancreas were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

HOSPITAL NAME *Free Abdomen*
 Leighton AH The caudal abdomen revealed free fluid and thickened irregular uterus with areas of mineralization, possibly owing to retained fetuses/mummification. The uterine pathology extended throughout the caudal abdomen.

REFERRING VET **ULTRASONOGRAPHIC FINDINGS**
 Dr. Mriss

- Minor bladder thickening and debris
- Possible retained/mummified fetuses in the uterus

INVOICE **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

26367 The tubular mineralizing structure would be most consistent with uterine origin and long-term mummified fetuses. The regional free fluid would suggest inflammation. A neoplastic process cannot be ruled out. Recommend exploratory surgery in this patient. The multiple nodular changes associated with the uterine pathology would suggest possible lymphadenopathy. However, this is a 3-dimensional pathology with a 2-dimensional imaging modality. Therefore, superimposition may be playing a role in

DATE
 10.19.2021



PATIENT Heather Souza the appearance of lymphadenopathy versus angular visualization of nodular changes that may be part of the uterus. Regardless, exploratory surgery is necessary, especially given the free fluid present. Concurrent chronic UTI likely.

SPECIES

Lagomorph

BREED

English Lop

SEX

Female

AGE

7 years

WEIGHT

5.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Lehighon AH

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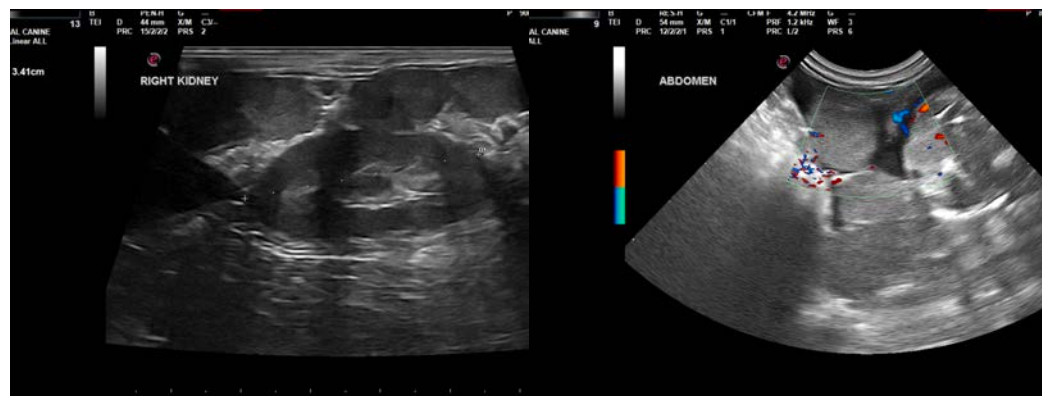
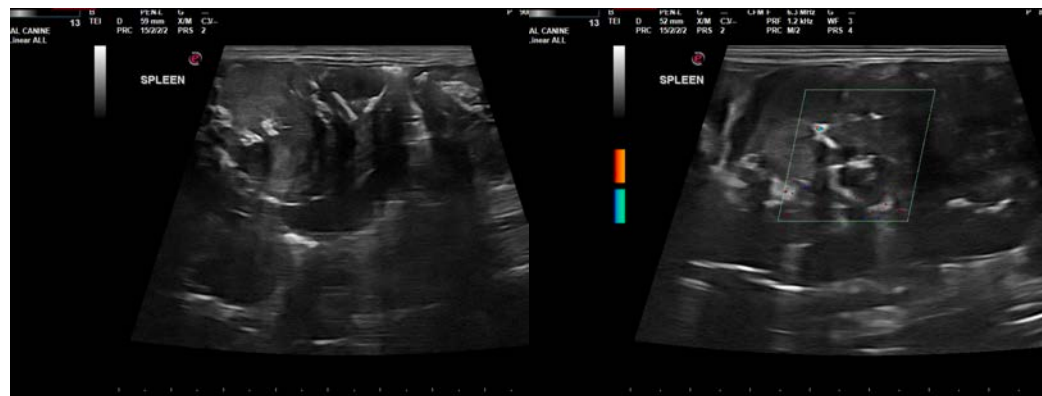
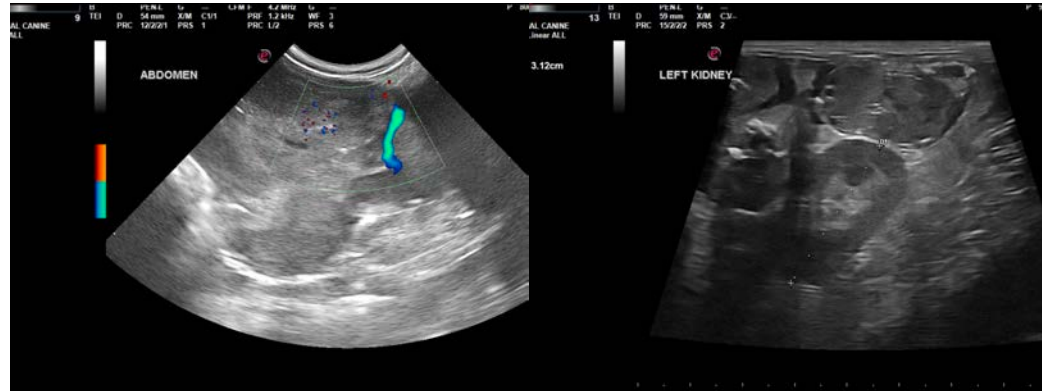
Dr. Mriss

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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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Eric.Lindquist@SonoPath.com