



PATIENT PRESENTING CLINICAL SIGNS

Sacha Ferrer

Vaginal discharge, confirm pyometra with X-Ray, but due to the anemia and the spleen being difficult to visualize we are concern about neoplasia. Patient is overweight and with the pyometra structure was difficult to visualize.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC: RBC 2.9 M/ μ L, HCT 17.5%, HGB 6.2 g/dL, WBC 46.86 K/ μ L, NEU 20.98 K/ μ L, MONO 17.15 K/ μ L CHEM: Within normal limits 4DX: Negative

BREED

American Pit Bull Terrier

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Female

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

AGE

12 Years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 7.1 cm. The right kidney measured 6.35 cm.

WEIGHT

64.4 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

The **adrenal glands** were not visualized.

IMAGING PERFORMED BY

Dr. Yaniris Alvarado

Spleen

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.

HOSPITAL NAME

Ramey Vet Hospital

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

REFERRING VET

Dr. Yaniris Alvarado

INVOICE

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Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.



PATIENT

Pancreas

Sacha Ferrer

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.

SPECIES

Canine

Other

BREED

American Pit Bull
Terrier

The uterus was dilated with thickened wall and fluid-filled lumen, consistent with pyometra/metritis.

SEX

Female

ULTRASONOGRAPHIC FINDINGS

- Thickened uterus with fluid-filled lumen, consistent with pyometra/metritis.
- Age related renal changes

AGE

12 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of pathology directly responsible for the anemia. CBC path review +/- bone marrow aspirate and chest radiographs all indicated. Blood transfusion followed by ovariohysterectomy indicated.

WEIGHT

64.4 Pounds

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IMAGING PERFORMED BY

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HOSPITAL NAME

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REFERRING VET

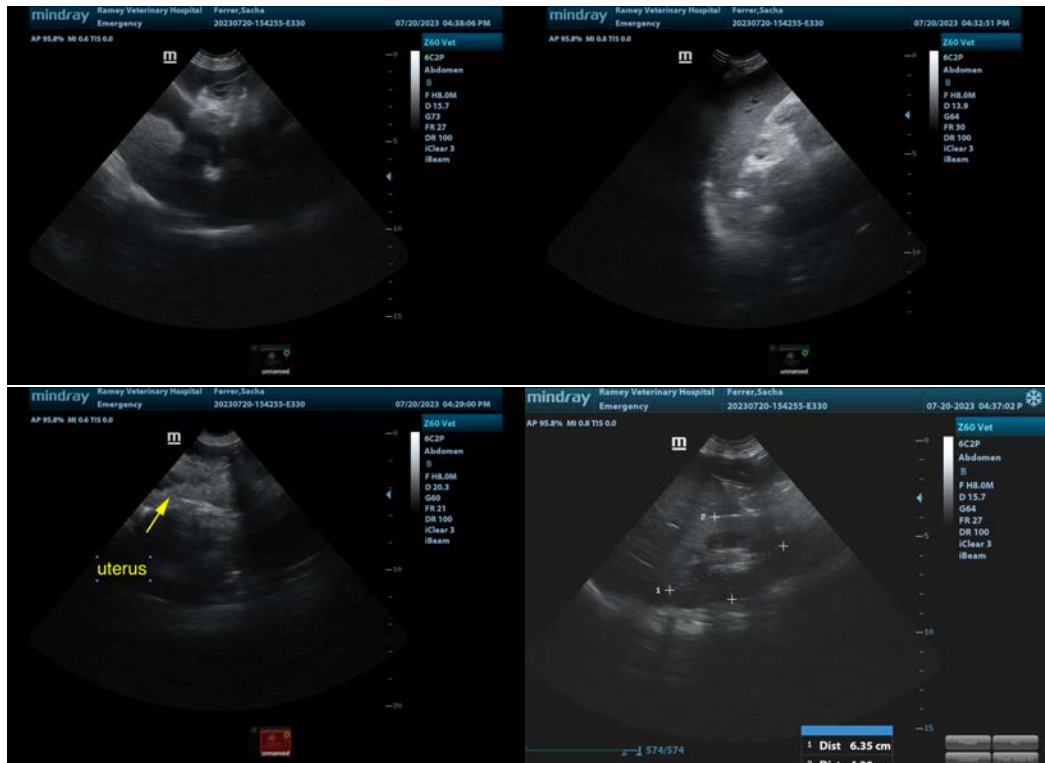
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Sacha Ferrer

SPECIES

Canine

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SEX

Female

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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.

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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DABVP, Cert. IVUSS

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