

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Baby Gorilla Rosario C-section 10/11. Was seen again 12/16, still having vaginal bleeding ~3x a day

SPECIES Radiographs normal
Radiographs - normal abdomen
Brief ultrasound showed no distention of uterus
Canine BW unremarkable
Urinalysis unremarkable

BREED Dec 13 Progesterone- 0.86
Jan 04 Progesterone -0.2

French Bulldog

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX *Urinary System*

Female, intact The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

AGE

4/30/2020

The left kidney is normal size (5.20 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

32.3 lbs.

The right kidney is normal size (5.54 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

Andrea Nicastro, DVM,
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Medicine)

Adrenal Glands

The left adrenal gland is normal size (0.45 cm at cranial pole) (0.41 cm at caudal pole) (1.50 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

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The right adrenal gland is normal size (0.50 cm at cranial pole) (0.37 cm at caudal pole) (1.53 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

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Spleen

The spleen is normal in size (1.64 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

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Dr. Kevin Moser

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein: caudal vena cava

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PATIENT

Baby Gorilla Rosario

ratio is approximately 1:1. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

SPECIES

Canine

Gastrointestinal

The gastric lumen is moderately distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

BREED

French Bulldog

Pancreas

The left limb of the pancreas is prominent in size with minimal deviation from the normal peripheral contours. The parenchyma is hypoechoic relative to surrounding omental fat and slightly mottled in appearance. No distinct focal lesions are observed. The pancreatic duct is not overtly dilated.

SEX

Female, intact

AGE

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Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A 1.42 cm sublumbar lymph node is visualized. A few prominent lymph nodes are observed in the left mid-abdomen, the largest measuring 1.60 cm in length.

WEIGHT

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Other

The ovaries are subjectively normal in size (left ovary 1.53 x 0.59 cm; right ovary 1.39 x 0.88 cm) with normal curvilinear peripheral contours. No obvious pathology is observed.

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The left uterine horn measures 0.34 cm in width. The right uterine horn is not definitively visualized. The uterine body measures 0.63 cm in width. The uterine lumen is not dilated. Uterine wall thickness is subjectively normal. No obvious pathology is seen.

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ULTRASONOGRAPHIC FINDINGS

- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.
- The pancreatic changes may be a normal variant for this patient or could be consistent with mild, chronic pancreatitis. Correlation with clinical findings is recommended.
- The remainder of the abdomen is unremarkable. An obvious cause for the patient's vulvar discharge is not identified in this study. Considerations include normal uterine involution, subinvolution of placental sites, post-partum metritis, other.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Consider the following:

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1. Baseline labwork including a CBC, superchem, and urinalysis, if not already performed.
2. Vaginal cytology +/- vaginal culture (perform at least 3-5 days after the last dose of antibiotics)
3. +/- testing for *Brucella canis*



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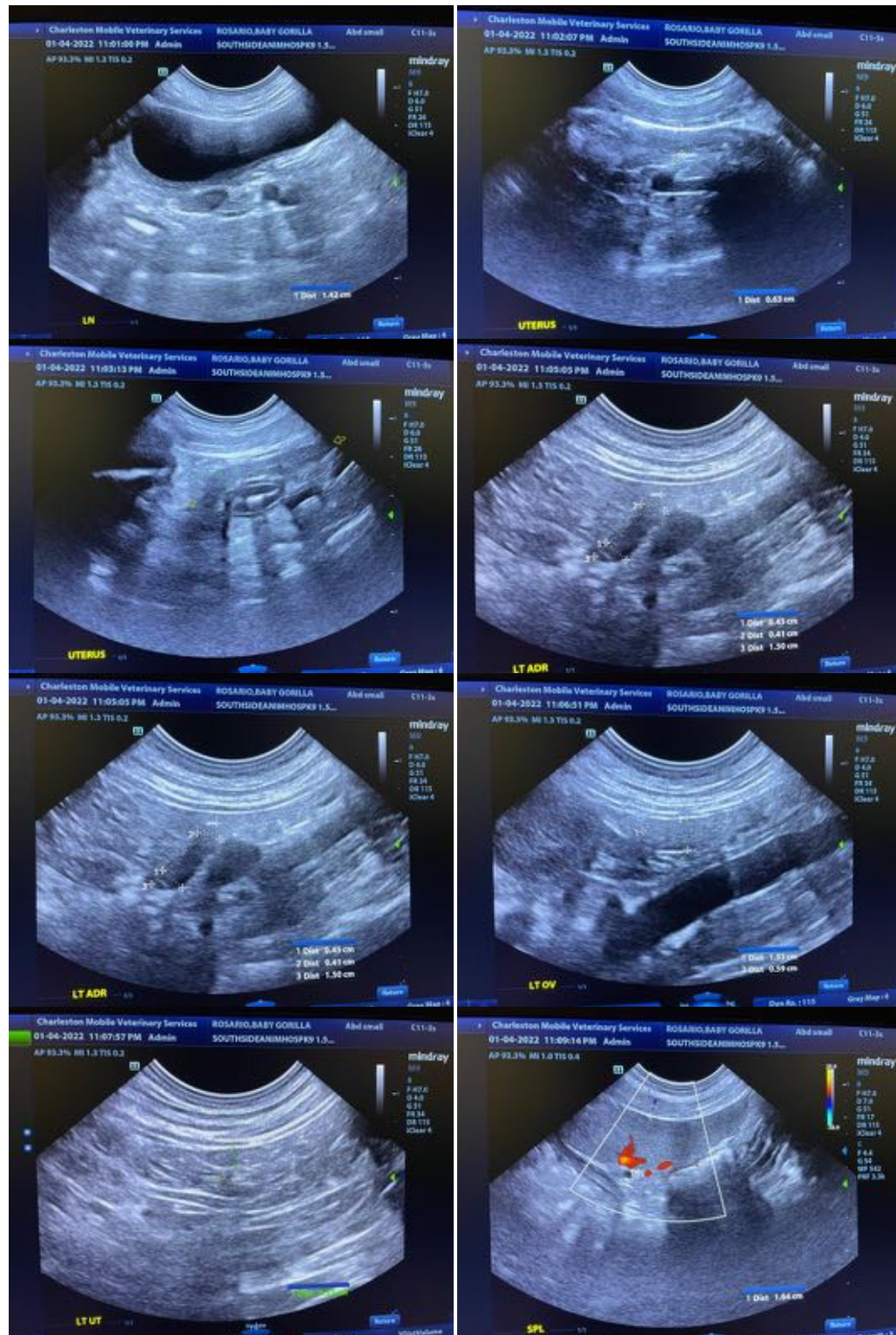
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4. Consider ovariectomy if bleeding persists and patient is not intended for future breeding.





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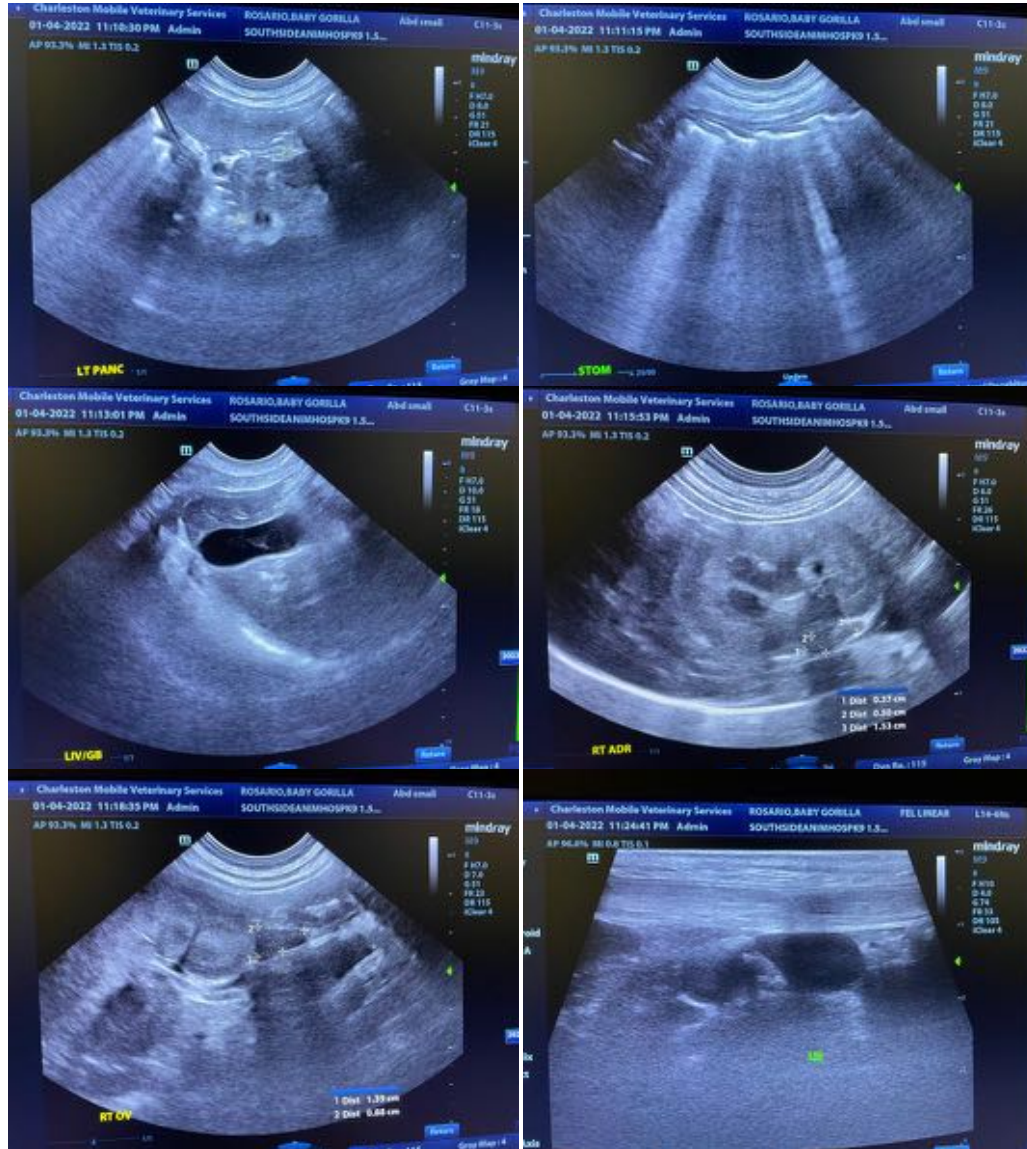
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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