

**PATIENT PRESENTING CLINICAL SIGNS**

Lola Rice O reports Lola is in estrus again. P has begun estrus every 2 month for last 4 month (3rd cycle since Sept 2021). Estrus cycle in Sept and Nov P4 rose to levels consistent with ovulation, patient was bred on both cycles, no pregnancy resulting from either breeding. Rec ultrasound w/ Dr Nicastro, next step appointment with Dr. Holland.

Canine Was bred 2 different times via a surgical and vaginal insemination. Neither too. Bruc test= NEG

**BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Bulldog **Urinary System**

**SEX** 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.

Female, intact

**AGE** The left kidney is normal size (6.10 cm in length) with a slightly irregular shape. 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.

9/16/2020

**WEIGHT** The right kidney is normal size (5.75 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.

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**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(Small Animal Internal  
Medicine)

**Adrenal Glands**

The left adrenal gland is normal size (0.44 cm at cranial pole) (0.72 cm at caudal pole) (2.53 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.

**IMAGING PERFORMED BY**

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The right adrenal gland is normal size (0.65 cm at cranial pole) (0.89 cm at caudal pole) (2.44 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.

**HOSPITAL NAME**

Southside AH

**Spleen**

The spleen is normal in size (1.32 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.

**REFERRING VET**

Dr. Sauls

**INVOICE Liver**

12920 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

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**PATIENT**

Lola Rice

of congestion. No pathological hepatic lymphadenopathy observed. The gallbladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal.

**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 segmentally dilated with chyme. 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**

Bulldog

**SEX**

Female, intact

**Pancreas**

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

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**Free Abdomen**

Trace free fluid is observed. The abdominal lymph nodes are normal/not visible.

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**Other**

The ovaries are subjectively normal in size (left ovary 2.13 x 0.94 cm; right ovary 2.06 x 1.08 cm) with normal shape. No obvious pathology is observed.

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The uterine body is diffusely thickened (up to 1.06 cm) and irregular. The lumen is not distended. Several varying sized cysts are observed in the left uterine horn, the largest measuring 0.80 cm. At least one small cyst is also observed in the right uterine horn. The left uterine horn measures approximately 0.96 cm in width and the right uterine horn measures 0.67 cm in width.

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A brief echocardiogram reveals no evidence of pericardial effusion.

**ULTRASONOGRAPHIC FINDINGS**

- Multiple cysts in the uterine horns (left > right side).
- The significance of the slightly irregular left kidney is unclear. It may be a normal variant for this patient or may indicate mild dysplastic change. Correlation with the patient's bloodwork and urinalysis is recommended.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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- Consider consultation with a theriogenologist for further recommendations. Ovariohysterectomy may be warranted.
- Consider serial monitoring of the patient's renal values to assess for the development of renal disease.



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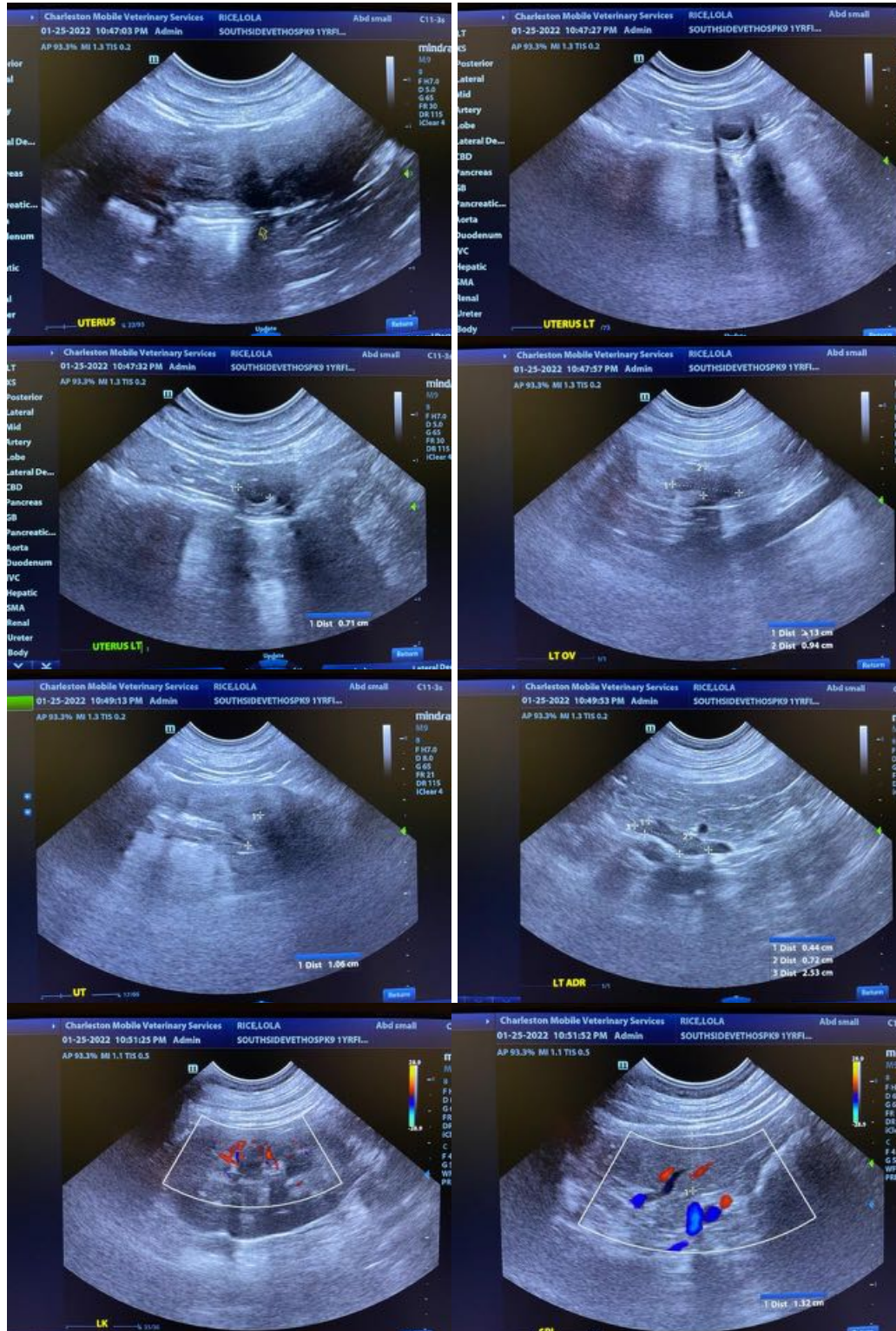
Dr. Sauls

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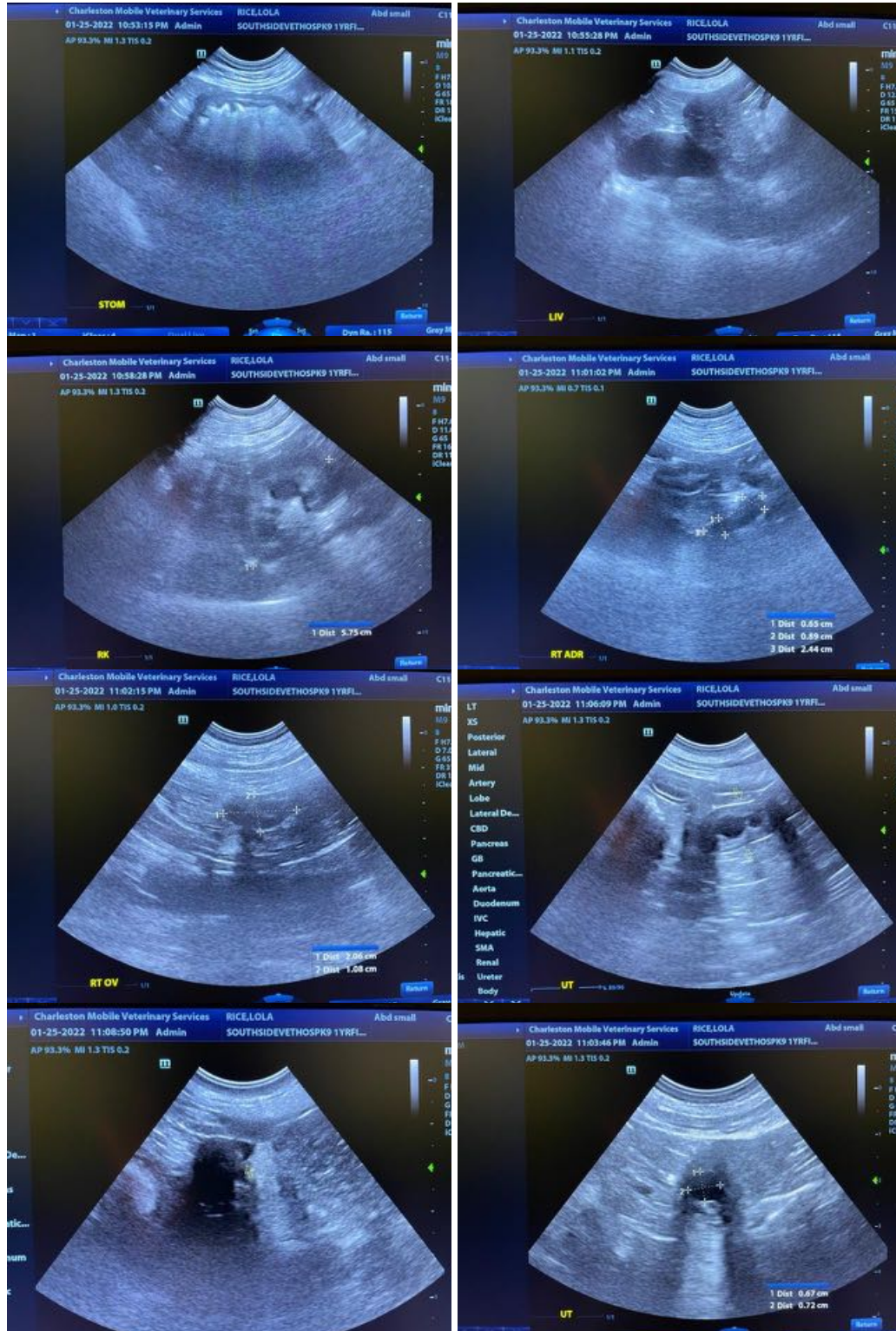
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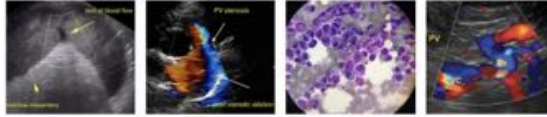
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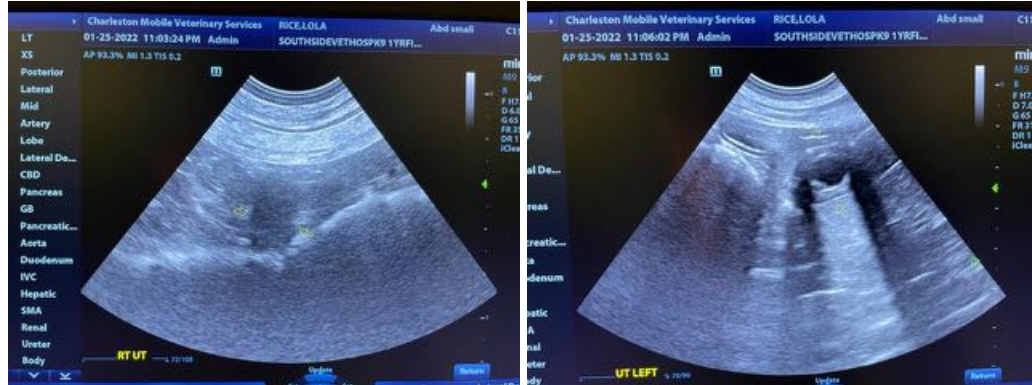
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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