

**DATE PRESENTING CLINICAL SIGNS**

9/21/21 History: Post-operative neo-ureterostomy (and castration) on 8/24/2021
Diagnosed with right ectopic ureter and right hydronephrosis.

PATIENT

Frankie Malone Current Medications: Not provided by the veterinarian.
Lab Results: Not provided by the veterinarian.

SPECIES

Canine Radiographs: Not provided by the veterinarian.
Date of Previous IntraPet Ultrasound: 8-10-2021.
Sedation: Sedation not required for scan.
Stat Report: STAT report not requested by the veterinarian.

BREED

French Bulldog

SEX

Neutered Male

AGE

4/21/21

WEIGHT

16.3 Pounds

INTERPRETED BY

Kathleen Sennello DVM,
MS, Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Chadwell AH

REFERRING VET

Dr. Oliveri

INVOICE

25702

LIMITED ULTRASONOGRAPHIC EXAMINATION**Urinary System**

The urinary bladder is minimally distended with anechoic urine. The Bladder wall is somewhat irregular with shadowing material in areas, most consistent with suture material. The trigone area is thickened and irregular in an area spanning approximately 2.23 cm x 0.99 cm, most consistent with a previous surgical site. There is minor irregularity and suture material seen along the ventral midline, likely at the previous cystotomy site. The left ureter is not visualized. The right ureter is visualized and is dilated at the level of the urinary bladder at 0.56 cm. This is similar to previous measurements. No cystic calculi were observed.

The left kidney has a normal shape and size (4.66 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney is normal in size and shape, measuring 4.67 cm (less globoid than previous scan). The renal pelvis measures approximately 2.06 cm and is dilated, but improved from previous measurements at 3.8 cm. The proximal ureter is dilated at measures at 0.51 cm. This is similar to previous measurements.

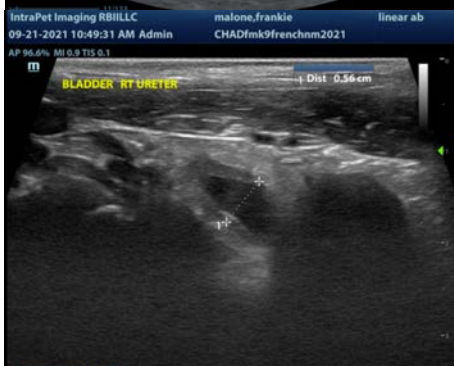
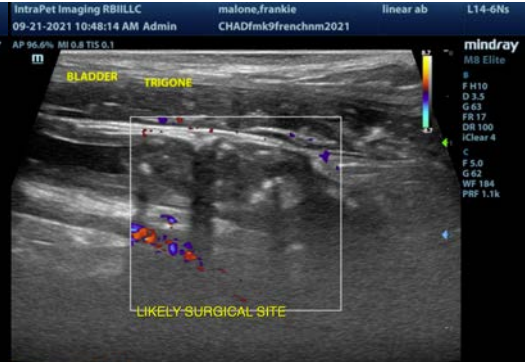
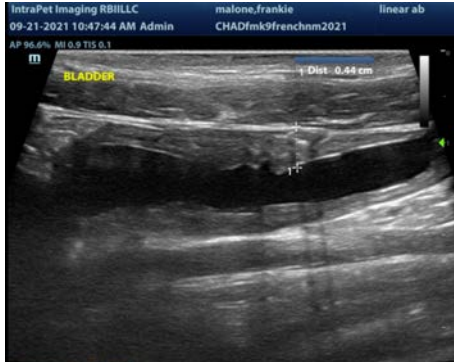
ULTRASONOGRAPHIC FINDINGS

- Right-sided hydronephrosis and hydroureter – There is significant improvement from the last scan, but persistent (likely permanent) changes are visualized.
- Irregular bladder wall – most consistent with two surgical sites, one at the trigone and the other at the ventral midline location.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The right kidney appears much less turgid and obstructed on today's scan. Based on the surgical report, the ureter was minimally patent, causing the hydronephrosis/hydroureter. This appears improved, but the dilation persists, as is often the case and will likely be permanent. This will post increased risk for pyelonephritis and infection. Therefore, frequent monitoring is warranted.

Additionally, the urinary bladder wal (particularly at the trigone) is very irregular. This is consistent with the surgical site location, and we should see improvement as suture is resorbed and healing takes place. Periodic monitoring of this area is warranted to look for stricture formation, which would likely occur within the first year post-op. Additionally, if at all possible, evaluation of the urinary bladder with more distention would be helpful. Recommend periodic urinalysis and culture. Recommend repeat ultrasound of this area in 2-4 months, as long as the patient is doing clinically well.



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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