



PATIENT PRESENTING CLINICAL SIGNS

Tiny Robles History: Gave birth one month ago, shaking febrile

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Yorkie

The urinary bladder wall is 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 1-2 cm, are normal.

SEX

Female

The left kidney is normal size (3.10 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.

AGE

4 Yrs.

The right kidney is normal size (3.99 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

6 lbs.

Adrenal Glands

The left adrenal gland is normal size (0.38 cm at cranial pole) (0.33 cm at caudal pole) (1.06 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.

INTERPRETED BY

Andrea Nicastro, DVM,
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(Small Animal Internal
Medicine)

The right adrenal gland is normal size (0.48 cm at cranial pole) (0.30 cm at caudal pole) (1.60 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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Jenn

Spleen

The spleen is normal in size (0.95 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.

HOSPITAL NAME

Rockaway

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 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.

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Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is mildly 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

DATE

3/7/23



PATIENT
Tiny Robles

with chyme (mild). 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.

SPECIES *Pancreas*

Canine

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.

BREED *Free Abdomen*

Yorkie

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

SEX *Other*

Female

The uterine body is visible (0.82 cm in width). No obvious pathology is observed.

AGE

4 Yrs.

ULTRASONOGRAPHIC FINDINGS

Unremarkable abdomen

WEIGHT

6 lbs.

*An obvious cause for the patient's clinical signs is not identified in this study. Clinical signs are vague and could be associated with an underlying metabolic issue, infectious/inflammatory disease, occult neoplasia, other.

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Medicine*)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the presence of a fever, consider the following:

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1. Baseline lab work including a CBC chemistry panel, urinalysis, T4 and urine culture and sensitivity.
2. Three-view thoracic radiographs to assess for occult disease in the chest.
3. Vaginal cytology to assess for inflammatory cells/evidence of pyometra.
4. Orthopedic and neurologic examinations to assess for non-metabolic causes of fever.
5. +/- comprehensive tick panel (send to NC State Vector Borne Disease Lab)
6. +/- echocardiogram to evaluate for valvular endocarditis
7. Depending on the results of the above diagnostics, arthrocentesis +/- a CSF tap may be warranted.



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Tiny Robles

SPECIES

Canine

BREED

Yorkie

SEX

Female

AGE

4 Yrs.

WEIGHT

6 lbs.

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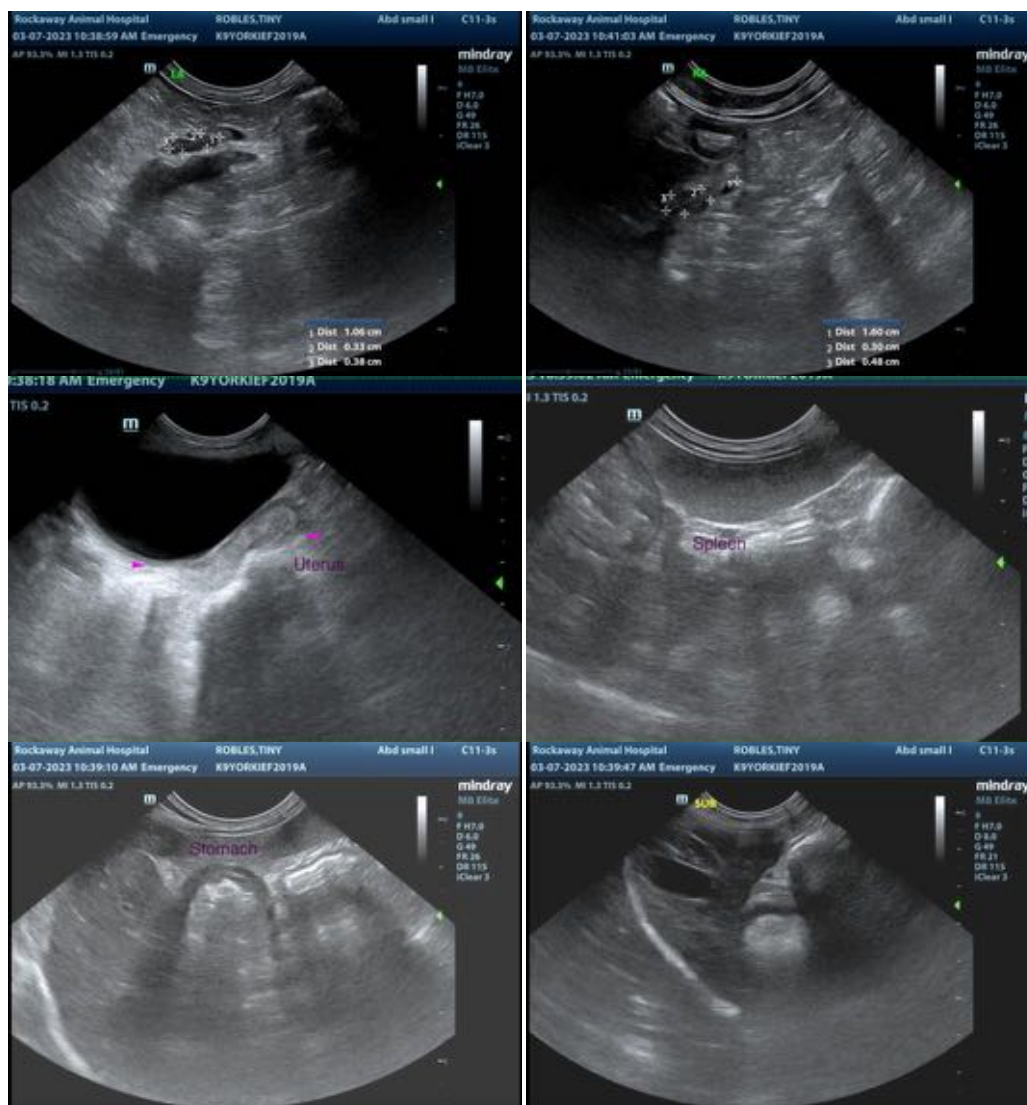
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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