

PATIENT PRESENTING CLINICAL SIGNS

Tyrah Krohn
History: Small (~1.5 cm x 1 cm x 3 mm), SQ, firm, mammary mass in cranial abdominal mammary gland, AUS- Met check
Abnormal PE/Chem/CBC/UA Results: RAD report: CONCLUSIONS: The thorax and the abdomen are within normal limits with no evidence of pulmonary metastatic disease. There is visualization of the presumed mammary lesion on this exam. Lab Results: CBC- All WNL. Chemistry Panel- Phosphorous Low (2.3), All Else WNL. Total T4- Normal (2.0). UA- Free catch, USG 1.014, pH >9.0, Moderate Rods (9-40/HPF), All Else WNL.

SPECIES

Canine

BREED

Great Pyrenees mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Female, spayed

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

10 Years

The left kidney is normal size (7.68 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.

WEIGHT

105 Pounds

The right kidney is normal size (7.99 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.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland is normal size (0.49 cm at cranial pole) (0.65 cm at caudal pole); 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

Loetitia Saint-Jacques, RVT

The right adrenal gland is normal size (0.62 cm at caudal pole) (2.36 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

Monte Vista AH

Spleen

The spleen is normal in size (1.80 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

Liver

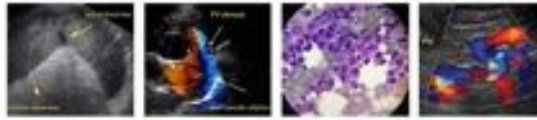
The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion.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

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PATIENT *Gastrointestinal*

Tyrah Krohn The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. 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.

SPECIES

Canine

Pancreas

BREED

Great Pyrenees mix

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.

SEX

Female, spayed

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A 2.10 cm medial iliac lymph node is visualized. The node is normal in shape and echogenicity.

AGE

10 Years

Other

A uterine stump is visible (0.70 cm in width). A 0.10 cm hyperechoic to mineralized focus is observed within the wall. No other pathology is seen. The lumen is not dilated.

WEIGHT

105 Pounds

A brief echocardiogram reveals no obvious evidence of pericardial effusion.

ULTRASONOGRAPHIC FINDINGS

- Visible uterine stump with a hyperechoic to mineralized focus of mineralization, likely incidental (i.e., residual suture material).
- There is no obvious evidence of metastatic disease in the abdomen.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Mammary mass removal is recommended along with consultation with a board-certified oncologist if neoplastic disease is found.

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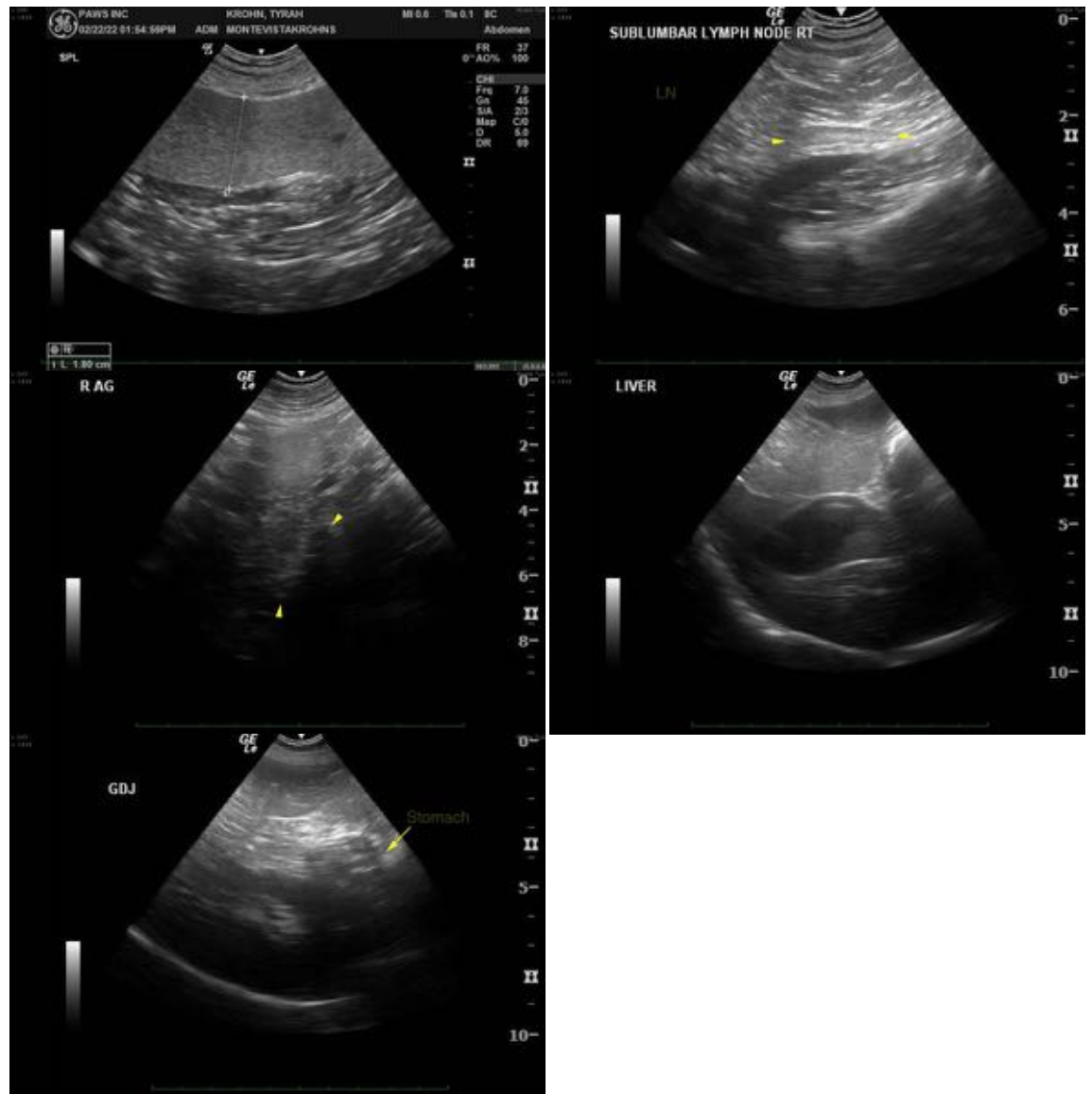
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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