


PATIENT PRESENTING CLINICAL SIGNS

Sophia Napolitano	History: P has hx of “porcelain” gallbladder noted on AUS performed on 9/16/22. P also had a hx of elevated ALP level. A Clavamox and Ursodiol trial were performed with minimal improvement in ALP level. The ALP markedly increased after 1m off abx. Another abx trial with Baytril and Metronidazole was performed for 2 weeks w a mild improvement in ALP level but the full chemistry revealed hypertriglycerides. Food was changed to canned i/d LF, started Antinol and abx combination was continued until now. There was a great improvement in triglyc was achieved but values as still greatly elevated and mild improvement in ALP level. P also has hx of cystoliths dissolved medically last year.
SPECIES	Canine
BREED	Shih Tzu
SEX	Spayed Female
	Abnormal PE/Chem/CBC/UA Results: 2/28/23, FASTED on i/d LF since approx 1/9/23, on metronidazole + baytril: CBC: mild thrombocytosis, Chem: ALP: 924H, choles: 428H, triglyc: 1191H, T4: 1.8, UA: SG: 1.015, 2+ prot, crystalluria (CaOx -dihydrate and monoydrate), quiet sediment 1/7/2023, FASTED on c/d canned, on metronidazole and baytril: CBC: mild thrombocytosis, Chem: ALP: 1114, choles: 546, triglyc: 4079H, UA: 11/2022, FASTED on canned c/d : CBC: WBC: 16.8H, Chem: ALP: 1502H, choles and triglyc: not available, UA: SG: 1.020, 2+ prot, quiet sediment
	**This study was limited to the liver and gall bladder. There is a potential for pathology in organs that were not visualized.

AGE LIMITED ULTRASONOGRAPHIC EXAMINATION

9 years **Liver**
 The liver is subjectively enlarged with slightly swollen peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion.

WEIGHT

13.9 lbs
 The gall bladder is moderately distended. The wall is thickened (up to 0.28 cm), irregular, and hyperechoic-to-mineralized. Luminal contents are mostly anechoic. The cystic and common bile ducts are normal/not seen.

INTERPRETED BY

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

ULTRASONOGRAPHIC FINDINGS
Findings
IMAGING PERFORMED BY

Megan Cassels-Conway, DVM

- The mineralized gall bladder wall (i.e., “porcelain” gall bladder) is most consistent with cholecystitis. In rare instances this finding can be associated with biliary carcinoma. Changes are similar to the previous sonogram.
- Suspected benign diffuse hepatopathy. Given the liver enzyme pattern and the sonographic changes, vacuolar hepatopathy (i.e., idiopathic/endocrine) is the top differential. Changes are similar to the previous sonogram.

HOSPITAL NAME

Central Broward AH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
REFERRING VET

Janeen Lezcano,
 DVM

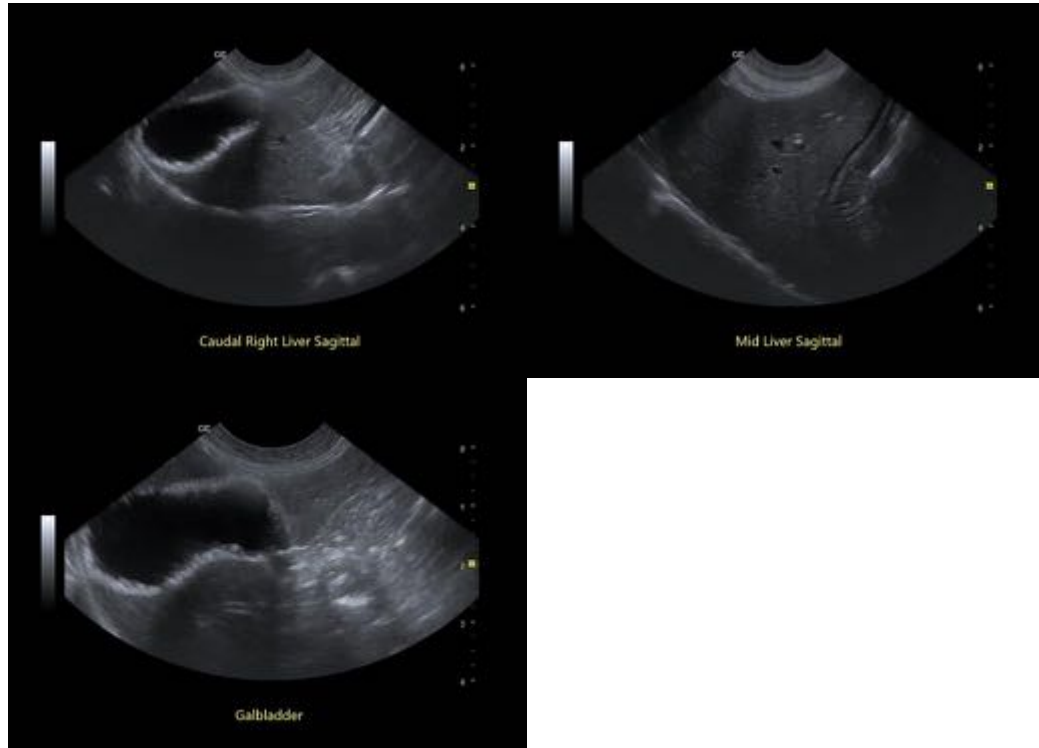
- Continued liver enzyme monitoring (i.e., every 3-4 months) is recommended. If the values increase, a repeat abdominal ultrasound may be warranted.
- Regarding the hypertriglyceridemia, consider initiation of fibric acid derivative (i.e., Fenofibrate). Also, ensure that the patient is on an ultra-low-fat diet (i.e., Royal Canine GI Low-fat or Hill Low-fat I/D).

INVOICE

12300

DATE

3.1.23



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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