

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Oliver Campbell
Pouch like growth left inguinal area that is suspect of being an inguinal hernia. It has increased in size and may be uncomfortable as dog seems unsettled and licks at the area. No meds.

SPECIES Abnormal PE/Chem/CBC/UA Results: Done in Sept - ALT down from last time 142, ALP increased to 1335. GGT elevated 19. CBC only mild increase of Neuts and Mono. Cytology of mass - Too few representative cells. Some evidence of inflammation but unclear. Inguinal hernia possible.
Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED Shetland Sheepdog
Urinary System

SEX The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.
Neutered Male

AGE The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.7 cm. The right kidney measured 4.05 cm.
13 Years

WEIGHT **Adrenal Glands**
9.8 kg

INTERPRETED BY Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.66 cm x 1.25 cm at the cranial pole and 0.79 cm at the caudal pole.
Eric Lindquist, DMV

DABVP, Cert. IVUSS **Spleen**

IMAGING PERFORMED BY The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. Hyperechoic nodular changes noted, consistent with lipogranulomas. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes were noted.
Crystal Hill

HOSPITAL NAME **Liver**
Simcoe Animal Hospital

REFERRING VET The **liver** revealed increased portal markings and heterogeneous coalescing nodular changes noted with moderate disruption of architecture. The gallbladder revealed calculi and sand and was rounded without significant overdistention, measuring approximately 2.0 cm in width.
Dr. Kennedy

INVOICE **Gastrointestinal**

42207 Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

DATE
10/19/22



PATIENT *Pancreas*

Oliver Campbell

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SPECIES

Canine

Free Abdomen

The left inguinal area revealed a cystic mass. The peritoneum appears to be intact. the mass appears resectable, yet occupies the body wall to the level of the peritoneum without compromise.

BREED

Shetland Sheepdog

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Cystic and parenchymal body wall mass to the level of the peritoneum without invasion or extrusion from the abdominal cavity.
- Geriatric abdomen with gallbladder sand and minor overdistention
- Lipogranulomatous splenic changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

13 Years

Surgical resection of the lesion recommended. It appears to be encapsulated and approximately 3.4 cm x 1.6 cm. If this is in the area of a mammary gland, then mammary gland carcinoma is a potential. FNA could be considered for further definition. Recheck sonogram of the liver/gallbladder after 6-8 weeks of Ursodiol therapy. Bile acid profile would be ideal, given the level of hepatic remodeling.

WEIGHT

9.8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Simcoe Animal Hospital

REFERRING VET

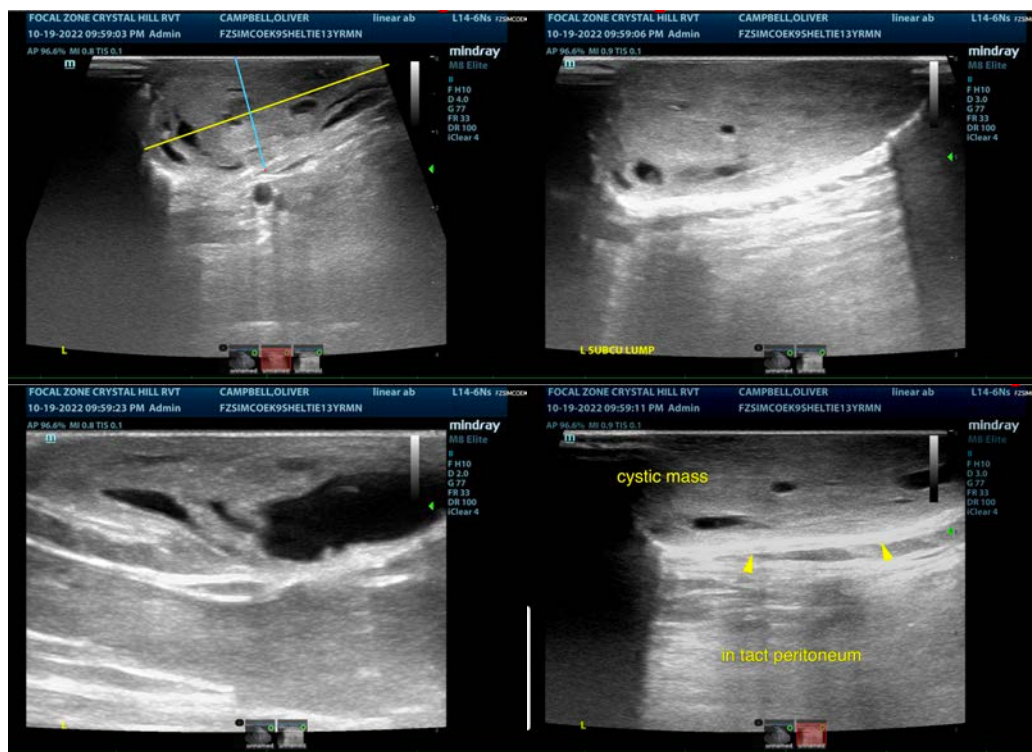
Dr. Kennedy

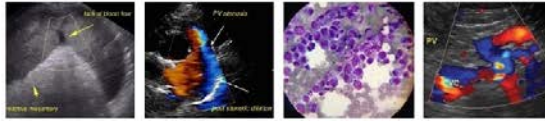
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PATIENT

Oliver Campbell

SPECIES

Canine

BREED

Shetland Sheepdog

SEX

Neutered Male

AGE

13 Years

WEIGHT

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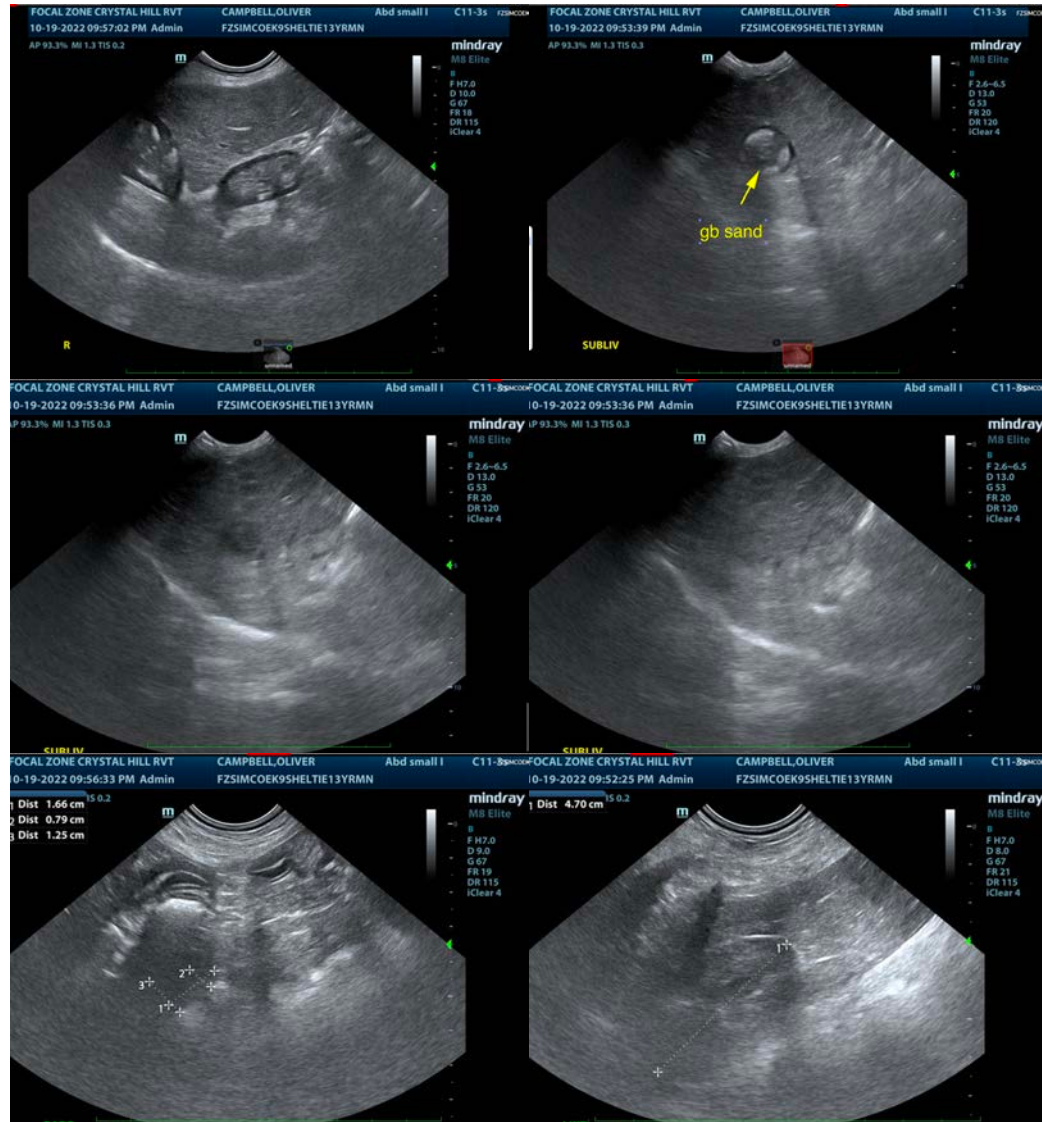
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com