



PATIENT PRESENTING CLINICAL SIGNS

Charlie Ditzel History: Asymptomatic with chronically elevated liver enzyme activity.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: Normal.

BREED Serum Biochemistry: Elevated ALT and ALP activity.

Goldendoodle Radiographic Findings: N/A.

SEX

MN

AGE

11 years

WEIGHT

76 #

INTERPRETED BY

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MMedVet (Med), PhD,
Dipl. ECVIM

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 7 cm, right 6.2 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

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Dr Americo Abadia

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 2.38 x 0.69/0.68 cm, right 2.43 x 0.41/0.64 cm.

HOSPITAL NAME

Surfside Pet Hospital

Spleen

Normal size with a diffuse hyperechogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. Focal hypoechogenic parenchymal nodule (0.8 x 0.9 cm).

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Liver

Normal size with a diffuse hyperechogenic appearance, and some loss of portal markings. Irregular mottled echogenic parenchymal mass (4 x 5.6 cm) in the caudal left liver lobe. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

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Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.



PATIENT *Pancreas*

Charlie Ditzel Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED Large irregular hyperechogenic mass dorso-caudal to the right kidney not obviously associated with any organ. Hyperechogenic appearance of the mesentery surrounding the mass.

Goldendoodle

SEX **ULTRASONOGRAPHIC FINDINGS**

MN Primary Findings:

- Abdominal mass.
- Hepatic mass.
- Hepatopathy.
- Splenic pathology.
- Splenic nodule.

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Secondary Findings:

- Age-related renal disease.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the abdominal and hepatic masses would be neoplasia, organized abscess, granuloma, hematoma.

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Etiologies for the hepatopathy would be reactive, hyperplasia, vacuolar, metabolic, early cirrhosis, early nodular regeneration, chronic hepatitis, and infiltrative neoplasia.

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Etiologies for the spleen would be reactive, splenitis, and infiltrative neoplasia.

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Etiologies for the splenic mass would be hyperplasia, extra-medullary hematopoiesis, neoplasia, organized abscess, granuloma, and hematoma.

Further assessment needs to be based on the results of the FNA cytology but could include 3-view thoracic radiographs and laparotomy, the latter potentially being both diagnostic and therapeutic.

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Specific therapy would be dependent on an etiological diagnosis.



PATIENT

Charlie Ditzel

IMAGES

Spleen

SPECIES

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Liver

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HOSPITAL NAME

Surfside Pet Hospital

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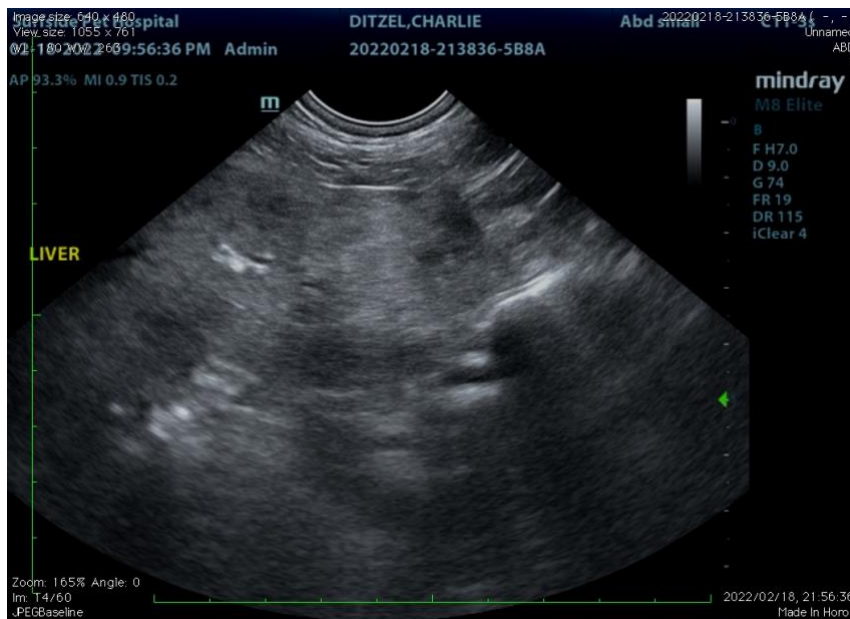
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PATIENT **Mass**

Charlie Ditzel

SPECIES

Canine

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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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