



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Ricky Rinehart
History: Follow up on splenic mass and liver nodule on previous ultrasound in June 2022.

SPECIES
Canine
Physical Examination: N/A.
Urinalysis: N/A.
CBC: N/A.

BREED
Shepherd Mix
Serum Biochemistry: N/A.
Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN *Urinary System*

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

WEIGHT
72.2 #
Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 6.1 cm, right 4.4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal blood flow, capsule and pelvis.

INTERPRETED BY

Reproductive System

N/A.

Adrenal Glands

Normal position, echogenic appearance, shape, and size.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Focal irregular hyperechogenic mineralized parenchymal mass (1 x 1.9 cm) in the body of the spleen. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. Focal well-circumscribed hyperechogenic parenchymal nodule (2.6 x 3.6 cm) in the right lobe. No masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

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.

Remo Lobetti, BVSc,
MMedVet (Med), PhD, Dipl.
ECVIM

IMAGING PERFORMED BY

Chelsea Pastor

HOSPITAL NAME

Fredon Animal Hospital

REFERRING VET

Dr Linda Grau

INVOICE

303476

DATE

10/13/22



PATIENT *Pancreas*

Ricky Rinehart 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

Shepherd Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Primary Findings:

MN

- Focal splenic mass.
- Focal hepatic nodule.

Age

Secondary Findings:

12 years

- Age-related renal changes.

WEIGHT

72.2 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Etiologies for the splenic mass would be organized hematoma, organized abscess, focal region of mineralization, granuloma, and neoplasia.

Remo Lobetti, BVSc,
MMedVet (Med), PhD, Dipl.
ECVIM

Etiologies for the hepatic mass nodular regeneration, organized hematoma, organized abscess, granuloma, and neoplasia.

IMAGING PERFORMED BY

Although the appearance of the kidneys is consistent with age-related changes, chronic kidney disease needs to be considered

Chelsea Pastor

Further assessment would be urinalysis, renal function (urea, creatinine, SDMA), and possibly FNA cytology of the splenic mass and hepatic nodules, especially if there has been progressive enlargement.

HOSPITAL NAME

Fredon Animal Hospital

Specific therapy would be dependent on an etiological diagnosis.

REFERRING VET

Dr Linda Grau

INVOICE

303476

DATE

10/13/22



PATIENT IMAGES

Ricky Rinehart

Spleen

SPECIES

Canine

BREED

Shepherd Mix

SEX

MN

Age

12 years

WEIGHT

72.2 #



Liver

INTERPRETED BY

Remo Lobetti, BVSc,
 MMedVet (Med), PhD, Dipl.
 ECVIM

IMAGING PERFORMED BY

Chelsea Pastor

HOSPITAL NAME

Fredon Animal Hospital

REFERRING VET

Dr Linda Grau



INVOICE

303476

DATE

10/13/22

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
rlobetti@mweb.co.za