



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Oliver Meier
SPECIES Canine
BREED Cockapoo
SEX Male
AGE 10 years
WEIGHT 18.9 #

PRESENTING CLINICAL SIGNS
 History: Hematemesis.
 Physical Examination: N/A.
 Urinalysis: N/A.
 CBC: N/A.
 Serum Biochemistry: N/A.
 Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with normal thickness and appearance 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 (right 4.8 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, and normal pelvis, and capsule. Cortical cyst in the left kidney.

Reproductive System

Small hypoechogenic prostate (0.8 cm).

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Right 1.62 x 0.39 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. Focal faint hypoechogenic nodule (1.1 cm) in the body of the spleen. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the 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. Segmental thickening of the gastric wall with no loss of layering.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Paul Kim

HOSPITAL NAME

Ridgefield Park Animal
 Hospital

REFERRING VET

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PATIENT *Pancreas*

Oliver Meier Normal size (right 0.7 cm, left 0.4 cm) 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

ULTRASONOGRAPHIC FINDINGS

Cockapoo

Primary Findings:

SEX

Male

- Gastric thickening.
- Splenic nodule.
- Renal disease vs age-related changes.

AGE

10 years

Secondary Findings:

- None.

WEIGHT

18.9 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for the gastric thickening would be chronic gastritis, *Helicobacter* gastritis, ulcerative disease, granulomatous disease, helminths, and emerging lymphoma.

Etiologies for the splenic nodule would be reactive, hyperplasia, granuloma, abscess, and neoplasia.

Although the appearance of the kidneys may merely be age-related, chronic kidney disease needs to be considered.

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Initial further assessment would be urine and fecal analysis, CBC, and serum biochemistry; with FNA cytology of the splenic nodule and gastroscopy as additional possibilities.

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Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be gastric protectants (omeprazole, sucralfate).

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PATIENT IMAGES

Oliver Meier **Stomach**

SPECIES

Canine

BREED

Cockapoo

SEX

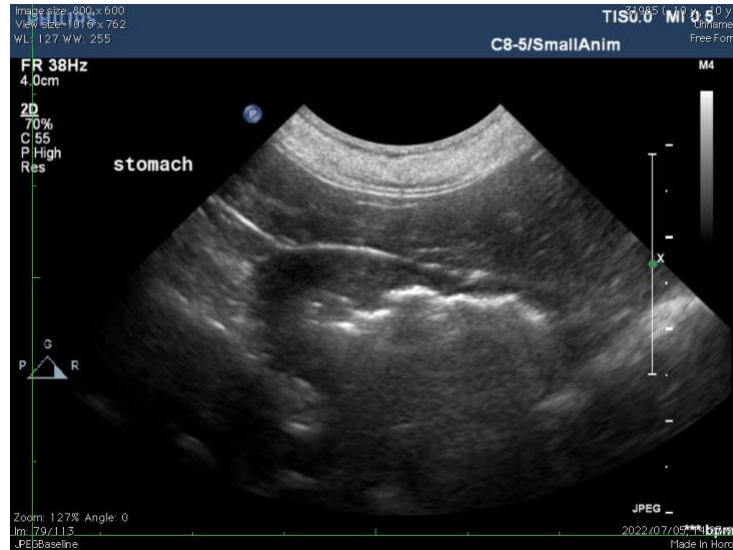
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Spleen

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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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