


PATIENT PRESENTING CLINICAL SIGNS

PENELÓPE FREITAS
 History: Initially showed azotemia and abnormal pancreas values on blood work. Azotemia resolved but pancreas values remained elevated, azotemia on subsequent bloods. Appears asymptomatic.

SPECIES
 Canine

BREED
 Pomeranian

SEX
 FS

AGE
 5 years

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

Normal trigone area, proximal urethra (0.2 cm), and iliac blood vessels.

Normal iliac lymph nodes (0.7 cm). Ureters not visualized.

Normal renal size (both 3.1 cm) with normal echogenic appearance, cortico-medullary differentiation, pelvis, and capsule. Small nephroliths (up to 0.5 cm) in the left kidney.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.36/0.32 cm, right 0.32/0.38 cm.

Spleen

Normal size (0.7 cm) and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.2 cm).

Gastrointestinal

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

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Caja

INVOICE

303107

DATE

7/8/22



PATIENT *Pancreas*

Penelope Freitas

Enlarged (1.9 x 2.6 cm) and irregular with a hypoechoogenic appearance. Hyperechoogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine

Normal mesenteric lymph nodes (1 cm).
No ascites.

BREED

Pomeranian

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Pancreatitis.

SEX

FS

Secondary Findings:

- Renoliths.

AGE

5 years

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the pancreas is consistent with pancreatitis and with the history may be resolving.

INTERPRETED BY

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The renoliths can be considered incidental as there is no evidence of renal pelvis obstruction.

Further assessment that could be considered would be FNA cytology of the pancreas.

IMAGING PERFORMED BY

Sonya Myers, DVM

As needed, management of the pancreatitis would be fluid therapy, opioid and NSAID analgesics, anti-emetics, and feeding a low-fat intestinal diet. A short course of prednisolone (½ mg/kg sid for 3-4 days) has been shown to aid recovery in acute pancreatitis.

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PATIENT IMAGES

Penelope Freitas

Pancreas

SPECIES

Canine

BREED

Pomeranian

SEX

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PATIENT Left kidney

Penelope Freitas

SPECIES

Canine

BREED

Pomeranian

SEX

FS

AGE

5 years

WEIGHT



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 MMedVet (Med), PhD, Dipl.
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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.

IMAGING PERFORMED BY

Sonya Myers, DVM

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