


PATIENT PRESENTING CLINICAL SIGNS

Mana Moreno History: Pancreatitis, lethargy.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Low glucose and fructosamine.

Yorkshire terrier Mix Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS *Urinary System*

Age Full urinary bladder with a normal thickness and appearance of the wall. Small amount of floating hyperechogenic sediment. No uroliths evident.

4 years

WEIGHT Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

6 # Normal iliac lymph nodes (0.9 cm). Ureters not visualized.

Normal renal size (left 3.1 cm, right 3.6 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

INTERPRETED BY *Reproductive System*

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

N/A.

IMAGING PERFORMED BY *Adrenal Glands*

Normal position, echogenic appearance, shape, and size. Left 0.67/0.52 cm, right 0.57/0.55 cm.

Sonya Myers, DVM

Spleen

HOSPITAL NAME Normal size (0.8 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Oviedo Veterinary care
and Emergency

REFERRING VET *Liver*

Dr Caja Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.1 cm).

INVOICE *Gastrointestinal*

303569

DATE Normal appearance of the duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.36 cm, jejunum 0.33 cm, colon 0.19 cm) and peristaltic activity, and no distension of the lumen. Segmental thickening of the stomach (0.61 cm) containing moderate amount of fluid and a hyperechogenic appearance of the surrounding mesentery.

11/16/22


PATIENT *Pancreas*

Mana Moreno

Enlarged (right 0.9 cm, left 1.1 cm) with a diffuse mottled echogenic appearance and irregular capsule. Small hypoechogenic parenchymal nodule (0.3 x 0.4 cm) in left lobe. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES

Canine

Free Abdomen
BREED

Mesenteric lymphadenomegaly (0.5 x 1.9 cm) with normal shape an echogenic appearance. No ascites.

Yorkshire terrier Mix

ULTRASONOGRAPHIC FINDINGS
SEX

Primary Findings:

FS

- Pancreatitis.
- Pancreatic nodule.
- Gastritis.
- Mesenteric lymphadenomegaly.

Age

4 years

Secondary Findings:

- Gall and urinary bladder sediment.

WEIGHT

6 #

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the pancreas is consistent with pancreatitis.

Etiologies for the pancreatic nodule would be reactive, granuloma, abscess, insulinoma, and neoplasia.

IMAGING PERFORMED BY

Sonya Myers, DVM

Although both the gastritis and mesenteric lymphadenomegaly can be associated with the pancreatitis, differential diagnoses need to be considered. Differential diagnoses for the gastritis would be non-specific gastritis (viral, bacterial, helminths, toxins, dietary indiscretion), *Helicobacter* gastritis, ulcerative gastritis, and inflammatory bowel disease. Differential diagnoses for the lymph nodes would lymphadenitis and unlikely neoplasia.

HOSPITAL NAME

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and Emergency

Further assessment would be urinalysis, urine culture, cPL/PSL assay, and serum insulin assay. If there is not a satisfactory improvement, then gastroscopy with biopsies and FNA cytology of the lymph nodes and pancreatic nodule would be indicated.

REFERRING VET

Dr Caja

Specific therapy would be dependent on an etiological diagnosis. Management of the pancreatitis would be fluid therapy and correction of electrolyte anomalies as needed, opioid analgesics, anti-emetics, feeding a low-fat intestinal diet, and a short course of prednisolone (½ mg/kg SID for 3-5 days).

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Yorkshire terrier Mix

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FS

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IMAGING PERFORMED BY

Sonya Myers, DVM

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IMAGES

Pancreas





PATIENT Stomach

Mana Moreno

SPECIES

Canine

BREED

Yorkshire terrier Mix

SEX

FS

Age

4 years

WEIGHT

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IMAGING PERFORMED BY

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REFERRING VET

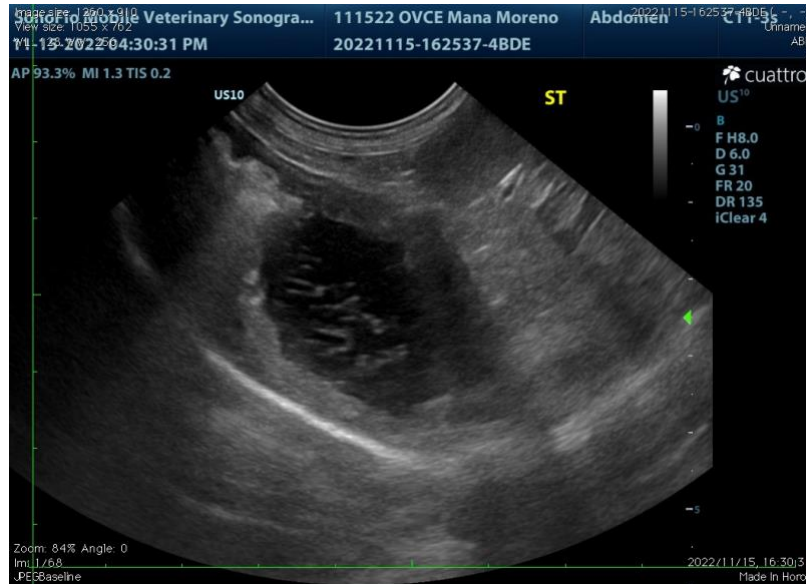
Dr Caja

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Mesenteric lymph node



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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