



PATIENT PRESENTING CLINICAL SIGNS

Mack Kraft History: Vomiting bile and undigested. Possibly dietary indiscretion. Previous history of pancreatitis.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: N/A.

Poodle Serum Biochemistry: Hyperkalemia, abnormal cPL.

Radiographic Findings: N/A.

SEX

MN

AGE

14 years

WEIGHT

6.9 kg

INTERPRETED BY

Remo Lobetti, BVSc,
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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, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Adrenal Glands

Normal shape, echogenic appearance, position, and size.

Spleen

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

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing moderate amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Mildly dilated 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. Thickening of the gastric wall with no loss of layering. Ingesta within the stomach.

Pancreas

Normal size with a mottled echogenic appearance and irregular capsule. Hyperechogenic echogenic appearance of the mesentery and fat surrounding the pancreas.

INVOICE

303697

DATE

12/22/22

IMAGING PERFORMED BY

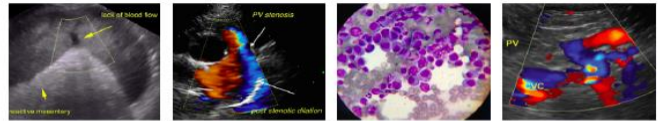
Dr Tiffany Moore, DVM

HOSPITAL NAME

Lone Mountain Animal
Hospital

REFERRING VET

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PATIENT *Free Abdomen*

Mack Kraft
No mesenteric lymphadenomegaly.
No ascites.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Poodle

Primary findings:

- Pancreatitis.
- Gastritis.

SEX

MN

Secondary findings:

- Dilated bile duct.
- Gall bladder sediment.
- Age-related renal changes.

AGE

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WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the pancreas would be chronic pancreatitis and fibrosis.

Etiologies for the stomach would be non-specific gastritis (viral, bacterial, helminths, toxins, dietary indiscretion), ulcerative gastritis, *Helicobacter* gastritis, inflammatory bowel disease, and emerging neoplasia.

The mildly dilated bile duct is most likely age-related and incidental finding as there is no distension of the gall bladder.

The hyperkalemia may be a spurious finding and should be repeated and if still elevated then Addison's disease needs to be considered.

Further assessment would be fecal analysis and cPL/PSL assay and if there not a satisfactory improvement with symptomatic therapy then gastroscopy with biopsies.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic therapy would be fluid therapy as needed, anti-emetics, gastric protectants (sucralfate, omeprazole), and an intestinal diet.

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PATIENT IMAGES

Mack Kraft **Stomach**

SPECIES

Canine

BREED

Poodle

SEX

MN

AGE

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Pancreas

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PATIENT

Mack Kraft

SPECIES

Canine

BREED

Poodle

SEX

MN

AGE

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WEIGHT

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Gall bladder



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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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