



PATIENT PRESENTING CLINICAL SIGNS

Cocoa Choi History: Anorexia, vomiting.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Elevated glucose and pancreatic values.

Maltese Radiographic Findings: N/A.

SEX

FS

AGE

6 years

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.

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

13.1 # Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

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

Normal renal size (left 4.6 cm, right 5.3 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, and normal pelvis and capsule. Bilateral cortico-medullary rim sign.

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Paul Kim

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.2 cm, right 1.46 x 0.45 cm.

HOSPITAL NAME

Ridgefield Park Animal
Hospital

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.

REFERRING VET

Dr Paul Kim

Liver

Normal size with a diffuse hyperechogenic appearance, loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

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Gastrointestinal

DATE

9/21/22

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.



PATIENT *Pancreas*

Cocoa Choi Enlarged (1 cm) with a diffuse mottled echogenic appearance and irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

ULTRASONOGRAPHIC FINDINGS

Maltese

Primary Findings:

SEX

FS

AGE

6 years

- Pancreatitis.
- Hepatopathy.
- Renal disease.

Secondary Findings:

- Gall bladder sediment.

WEIGHT

13.1 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the pancreas is consistent with pancreatitis.

Etiologies for the hepatopathy would be secondary to the pancreatitis, reactive, vacuolar, metabolic, chronic hepatitis, early cirrhosis, and infiltrative neoplasia.

Etiologies for the renal disease would be acute kidney injury, hypercalcemic nephropathy, bacterial nephritis, and early chronic kidney disease.

Further assessment would be urinalysis, urine culture, and FNA cytology of the liver.

Management of the pancreatitis would be fluid therapy, anti-emetics, opioid analgesics, and prednisolone (½ mg/kg sid for 3-5 days), the latter being shown to improve recovery period. Insulin therapy would only be indicated if there is no improvement in the level of hyperglycemia once the pancreatitis is resolving.

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PATIENT IMAGES

Cocoa Choi **Liver**

SPECIES

Canine

BREED

Maltese

SEX

FS

AGE

6 years

WEIGHT

13.1 #

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Left kidney





PATIENT Pancreas

Cocoa Choi

SPECIES

Canine

BREED

Maltese

SEX

FS

AGE

6 years

WEIGHT

13.1 #



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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.

IMAGING PERFORMED BY

Dr Paul Kim

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.

HOSPITAL NAME

Ridgefield Park Animal
Hospital

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