

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Chewy Martinez **PRESENTING CLINICAL SIGNS** History: Reduced appetite and weight loss past few weeks.

SPECIES Canine **Physical Examination:** N/A.

BREED Cocker Spaniel **Urinalysis:** N/A.

CBC: Normal.

Serum Biochemistry: Normal.

Radiographic Findings: N/A.

SEX

MN

AGE

12 years

WEIGHT

40 #

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 (0.6 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 5.8 cm, right 6.6 cm), echogenic appearance, cortico-medullary differentiation, blood flow, pelvis, and capsule.

Reproductive System

Small hypoechoic prostate (1.1 cm) with small hyperechoic parenchymal foci.

Adrenal Glands

Normal shape, echogenic appearance, and position. Normal size of left gland (2 x 0.58/0.54 cm), enlarged right gland (2.24 x 0.82/0.8 cm).

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Multiple irregular hyperechoic parenchymal nodules (up to 0.5 x 0.9 cm).

Liver

Normal size, echogenic appearance, prominent portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing moderate amount of hyperechoic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (small intestine 0.36 cm) and peristalsis, and no distension of the lumen. Ingesta within the stomach and chyle within the small intestine.

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IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Ideal Pet Vet Clinic

REFERRING VET

Dr Kolta

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DATE

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PATIENT

Pancreas

Chewy Martinez

Normal size with nodular hypoechogenic appearance and irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES

Free Abdomen

Canine

No mesenteric lymphadenomegaly.

BREED

No ascites.

Cocker Spaniel

ULTRASONOGRAPHIC FINDINGS

SEX

Primary findings:

MN

- Nodular pancreatitis.
- Splenic nodules.
- Right adrenomegaly.
- Prostatic pathology?

AGE

12 years

Secondary findings:

WEIGHT

40 #

- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the pancreas would be pancreatitis, granulomatous disease, abscessation, and neoplasia.

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Etiologies for the splenic nodules would be incidental myelolipomas, mineralized abscessation or granulomas, and neoplasia.

Although the right adrenomegaly is most likely secondary to disease stress, emerging Cushing's disease needs to be considered, especially if there are compatible clinical signs.

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Although the hyperechoic foci within the prostate are most likely incidental findings, emerging neoplasia needs to be considered.

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Ultrasound monitoring of the gall bladder would be recommended for possible development of a mucocele.

Initial further assessment would be fPL/PSL assay and FNA cytology of the spleen and pancreas.

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Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Chewy Martinez **Pancreas**

SPECIES

Canine

BREED

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AGE

12 years

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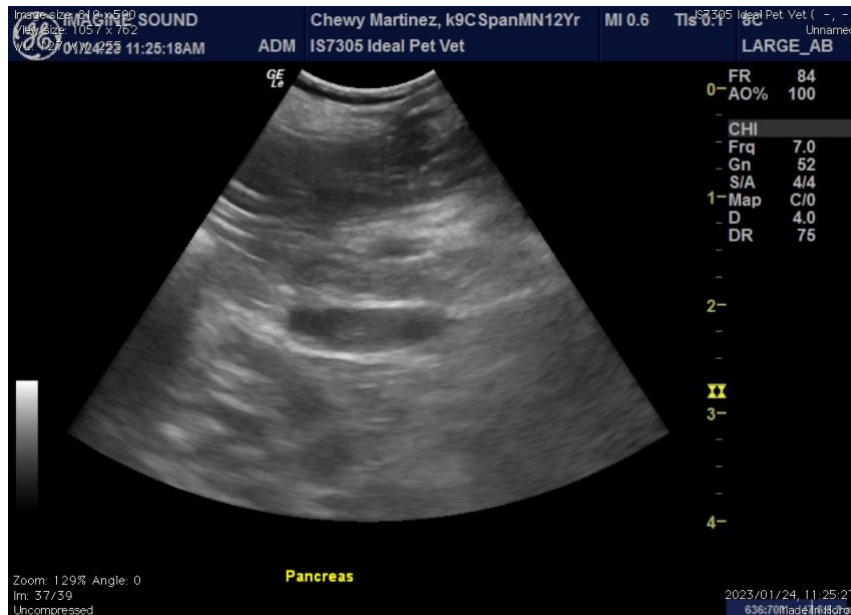
Dr Kolta

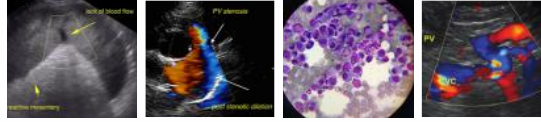
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PATIENT Prostate

Chewy Martinez

SPECIES

Canine

BREED

Cocker Spaniel

SEX

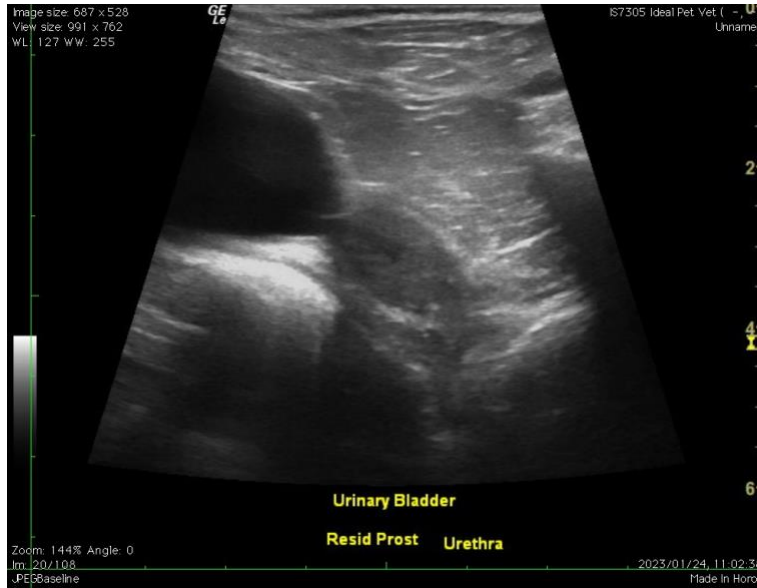
MN

AGE

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WEIGHT

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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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