



**PATIENT PRESENTING CLINICAL SIGNS**

BJ Chung History: Inappetence.

**SPECIES** Physical Examination: Normal.

Canine Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: N/A.

Miniature Schnauzer Radiographic Findings: Metal/hyperdense small foreign body in the stomach

**SEX**

MN

**AGE**

14 years

**WEIGHT**

17.7 #

**INTERPRETED BY**

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ECVIM

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with 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 (left 3.9 cm, right 3.8 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

**Reproductive System**

Small hypoechogenic prostate (1.2 cm).

**IMAGING PERFORMED BY**

Dr Paul Kim

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 1.12 x 0.39 cm, right 1.1 x 0.37 cm.

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**Spleen**

Normal size and with a hyperechogenic appearance of the head of the spleen. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted. Incidental myelolipomas.

**REFERRING VET**

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**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.

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**Gastrointestinal**

**DATE**

6/13/22

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.28 cm) and peristaltic activity, and no distension of the lumen. Ingesta within the stomach and small intestine.



**PATIENT** *Pancreas*

BJ Chung Normal size (left 1.6 cm, right 0.8 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine No mesenteric lymphadenomegaly.

No ascites.

**BREED** Normal portal vein.

Miniature Schnauzer

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Primary Findings:

- MN
  - Splenic pathology?

**AGE** Secondary Findings:

- 14 years
  - Age-related renal changes.

**WEIGHT** INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Although the appearance of the spleen is most likely an incidental finding and related to the myelolipomas, splenitis and infiltrative neoplasia needs to be considered.

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The gastric foreign body evident on survey radiographs was not visualized; however, it may have been hidden by the ingesta within the stomach/small intestine.

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Further assessment would be CBC, serum biochemistry, and possibly FNA cytology of the spleen. Monitoring of the stomach to ensure emptying would be required as an obstructive gastric foreign body is still possible.

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Specific therapy would be dependent on an etiological diagnosis.

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**PATIENT IMAGES**

BJ Chung **Spleen**

**SPECIES**

Canine

**BREED**

Miniature Schnauzer

**SEX**

MN

**AGE**

14 years

**WEIGHT**

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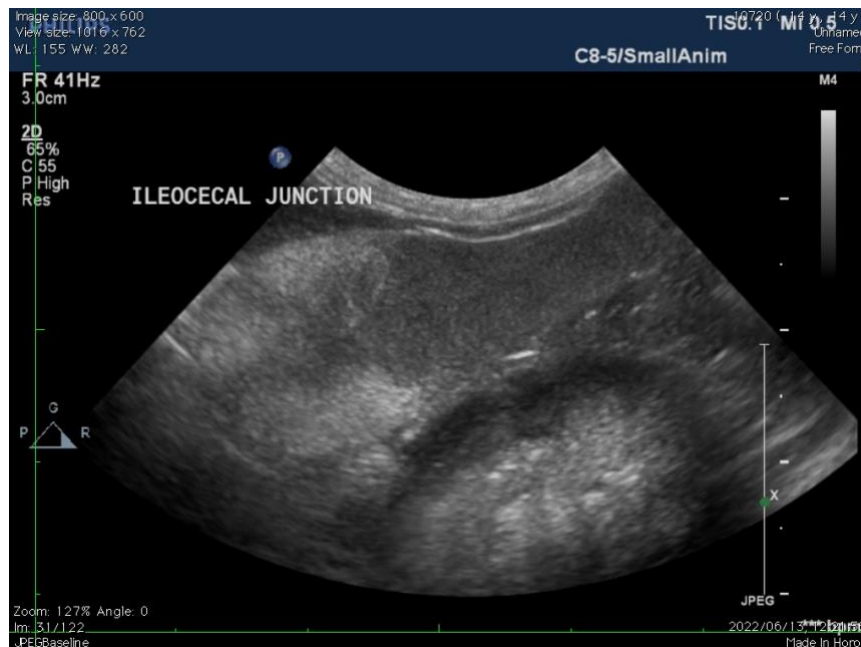
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**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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.

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