



**PATIENT PRESENTING CLINICAL SIGNS**

Frank Smith History: Acute onset vomiting, lethargy.

**SPECIES** Physical Examination: Mild dehydration and purulent nasal discharge.

Canine Urinalysis: Normal.

CBC: Normal.

**BREED** Serum Biochemistry: Normal.

French Bulldog Radiographic Findings: N/A.

**SEX**

Male

**AGE**

7 months

**WEIGHT**

13 kg

**INTERPRETED BY**

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

**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 (both 5.9 cm), echogenic appearance, cortico-medullary differentiation, pelvis, capsule, and blood flow.

**Reproductive System**

Normal size (1.6 cm) and appearance of the prostate.

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 2.9 x 0.46/0.5 cm, right 0/47 cm.

**Spleen**

Normal size (1.3 cm) and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**Liver**

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct (0.24 cm).

**Gastrointestinal**

Normal appearance of the duodenum, small intestine, and ileo-cecal junction with normal thickness (duodenum 0.43 cm, jejunum 0.4 cm), layering and peristaltic activity. Segmental thickening of the stomach (up to 0.67 cm) and colon (up to 0.43 cm) but with no loss of layering or distension of the lumen. Large amount of fluid in the stomach but no obvious pyloric obstruction.

**IMAGING PERFORMED BY**

Dr Alastair Westcott,  
DVM

**HOSPITAL NAME**

**REFERRING VET**

Dr Alastair Westcott,  
DVM

**INVOICE**

302556

**DATE**

9/14/21



**PATIENT** *Pancreas*

Frank Smith Normal size (left 0.7 and 0.8 cm, right 1 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**

French Bulldog

**SEX**

Male

**AGE**

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**WEIGHT**

13 kg

**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Gastritis.
- Colitis.

Secondary Findings:

- None.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The most likely etiology for the gastric and colonic changes would be non-specific gastritis/colitis (viral, bacterial, protozoal, helminths, toxins, dietary indiscretion) with emerging inflammatory bowel disease and dietary hypersensitivity, less likely differential diagnosis.

With the breed of dog, granulomatous colitis should be considered.

Further assessment would be fecal analysis, and possibly endoscopy of the upper and lower GI tract with biopsies, if there is not a satisfactory improvement.

Specific therapy would be dependent on an etiological diagnosis.

Symptomatic management would be fluid therapy to correct the dehydration, intestinal diet, anti-emetics (maropitant, metoclopramide) and course of metronidazole and/or fenbendazole.

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**PATIENT IMAGES**

Frank Smith **Stomach**

**SPECIES**

Canine

**BREED**

French Bulldog

**SEX**

Male

**AGE**

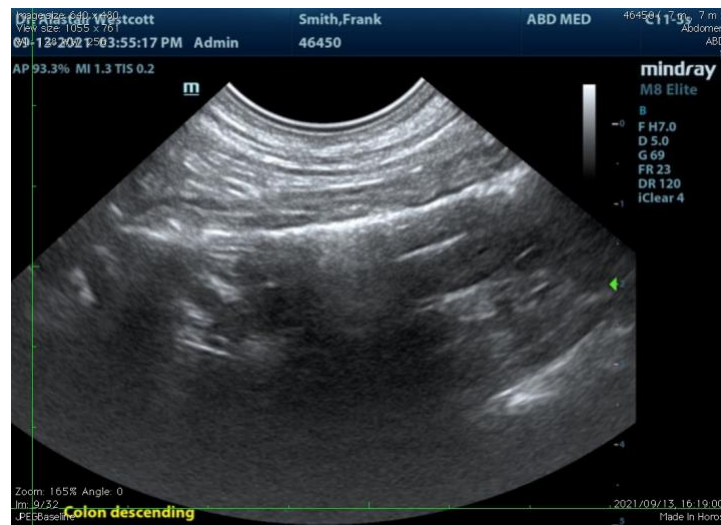
7 months

**WEIGHT**

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**Colon**



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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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