



PATIENT PRESENTING CLINICAL SIGNS

Rocco Polit Soft Stool with no improvement on Metronidazole. Weight loss. Still eating well, no vomiting. BAR

Abnormal PE/Chem/CBC/UA Results: 60 ml of Barium administered on 7/21 please review previous rads (total of 20) including barium series. GI Profile pending

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE ABDOMEN

All images are labelled 14.7.2023 with the time 12:21. Most images are also labelled either 21 or 22.07.2023 with subsequent times compatible with a Barium follow through.

BREED

German Shepherd/French Bulldog Mix

RADIOGRAPHIC FINDINGS

The body condition score (BCS) is 5/9 with smooth alternating layers of fat and soft tissue opacity. The bony structures are within normal limits.

SEX

Neutered

A small amount of air is present in the stomach. Multiple gas pockets of varying size are present throughout the small intestine. The Barium follow through shows a generally physiological diameter of the small intestinal loops whereby the Barium is interspersed with gas. The Barium seems to have been administered at 12:44 PM and appears to be filling the entire small intestinal lumen by 5:13 PM where a small amount of Barium is still present in the stomach, outlining irregular rugal folds. At 9:43 the following day the entire Barium is diluted and present in the colon. The previously described mass effect is shaped like a bred role and contains Barium interspersed with linear gas lucencies. The entire colon has a mottled appearance. On the VD view

AGE

2

INTERPRETED BY

Heike Rudorf, DVM, Dr. med. Vet., DipECVDDI DVR

Descending colon and rectum contain a moderate amount of gas with a variable gas distribution and a persistent mass effect (10x8cm) at the level of L5-7 in the ventral abdomen. On the VD view the descending colon is located to the right of the vertebral column and on one image the ascending colon is evident on the left. In left lateral recumbency the terminal, gas filled colon terminates at a circular, soft tissue structure which later on is gas filled. Once the Barium has reached the colon, a megacolon is evident. The descending colon has a serpentine appearance caudally, which presumably represents the mass effect previously described. A physiological cecum is not evident on any of the views.

HOSPITAL NAME

Sunset Animal Hospital

The other abdominal structures appear physiological.

RADIOGRAPHIC DIAGNOSIS

- Megacolon (22.7.23)
- Colonic abnormality (on all images)
- Odd gas distribution small intestine

REFERRING VET

Cristina Polit

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The small intestinal gas pockets suggest a linear foreign body but, on the Barium follow through, the loops have a physiological width and distribution. The large intestine, however, changes its size and the position of its components. Assessment of the large intestine on the basis of a Barium follow through is difficult because the amount of Barium needed to fill the colon is much larger than what can be given orally. Nevertheless, the possibility of a cecal inversion, intussusception, colonic torsion or neurological problem of the large intestine exists. It is unlikely that colonoscopy will allow detection of the cecum, thus my recommendation is an exploratory laparotomy.

INVOICE

59492

DATE

7-22-23



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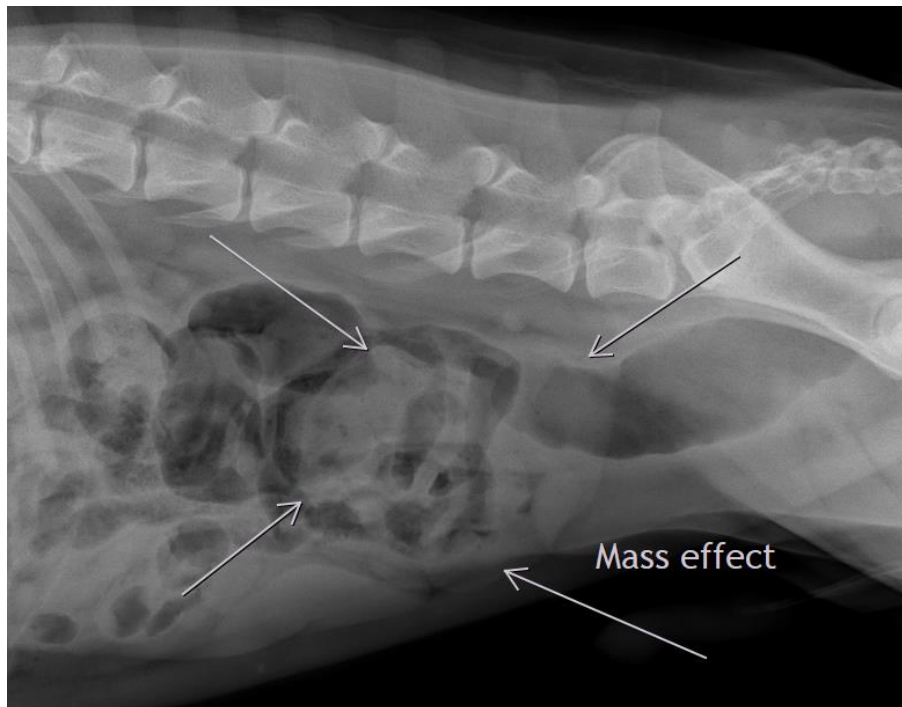
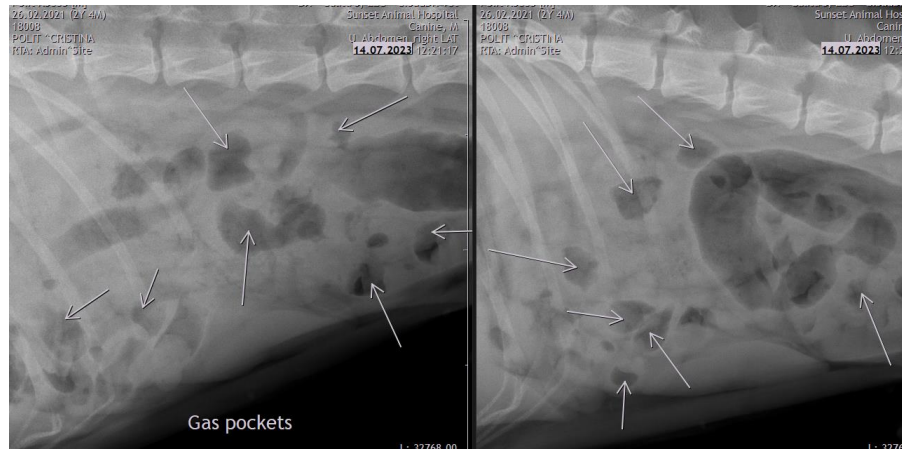
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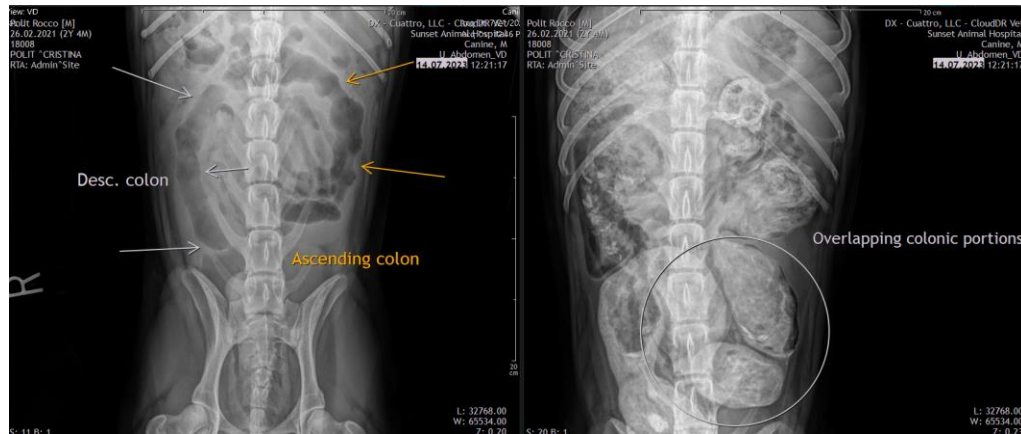
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

INTERPRETED BY

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