



**PATIENT PRESENTING CLINICAL SIGNS**

**Buddha Debenedetto** History: 7yr old MN DSH presents for diarrhea and straining in litter box since yesterday. Pet defecated sludgy stool out of box yesterday and has since been straining. No hx of diarrhea but does always eat everything, will get into trash. Has had urinary obstruction 2 years ago. Indoor only living with 3 indoor litter mates, all owned since birth.

**SPECIES**

**Feline** Abnormal PE/Chem/CBC/UA Results: Abd/GI: Uncomfortable with caudal abdominal palpation. Bladder small. Cranial abdomen soft, non-painful, no fluid wave, no palpable masses or organomegaly. UA: USG=1.050, protein 500mg/dL, bloody 250ery/uL, struvite crystals 0-5 phpf

**BREED RADIOGRAPHIC STUDY OF THE ABDOMEN**

**DSH** The body condition score is 6/9 with smooth alternating layers of fat and soft tissue opacity.

**SEX**

Only six lumbar vertebrae are present. The facets at the LS junction appear thickened. A smooth, triangular bone opacity is located just ventral to the LS junction and cranial to one ischium. Facet joints are present between S1 and S2.

Neutered Male

The abdominal detail is good; diaphragm and abdominal wall are intact.

**AGE**

The liver is located within the costal arch and the caudo-ventral lobe is pointed.

7 Years

The spleen appears physiological.

**INTERPRETED BY**

Heike Rudolf, DVM,  
Dr. med. Vet.,  
DipECVDI DVR

The stomach contains a moderate amount of food; two small intestinal loops are slightly larger than the rest but are still within normal limits for size. The colon contains formed feces and gas, the latter of which extends towards the anus. The dorsal colonic wall appears to be thickened for approx. 1cm just cranial to the wings of the ilium. Nodular soft tissue opacities appear to be superimposed over the ventral colonic wall, in the region of the bladder neck. The lumen of the colon is slightly reduced in this region.

**HOSPITAL NAME**

DPC Veterinary  
Hospital

Both renal shadows have a physiological size, shape and opacity. The bladder is located in the abdominal cavity and contains a small amount of homogeneous fluid opacity. There is an impression of a tubular structure ventral to and partially superimposed onto the cranio-ventral pole of the bladder.  
The sublumbar region appears physiological.

**REFERRING VET**

Dr. Ward

**RADIOGRAPHIC DIAGNOSIS**

- Localized ileus, very mild
- Localized narrowing of colonic lumen

**INVOICE**

Incidental findings

16583

- Reduced number of lumbar vertebrae
- Partial block vertebra S1/2
- Facet enlargement

**DATE**

7/28/22



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

Buddha Debenedetto

The small intestinal changes are mild, and I can see no foreign body. Enteritis is the most likely cause for diarrhea and localized change in intestinal diameter. The changes in the region of the colo-rectal junction are likely due to superimposition or may represent a localized wall infiltrate. Ultrasound is recommended to assess wall thickness and layering of the entire gastro-intestinal tract.

**SPECIES**

Feline

The significance of the facet pathology in relation to the spinal cord can only be assessed in cross sectional imaging but this can wait until clinical signs related to the spine occur. The nose shaped bone ventral to the LS junction could represent ventral spondylosis or the tip of a transitional vertebra.

**BREED**

DSH

**TECHNICAL COMMENTS**

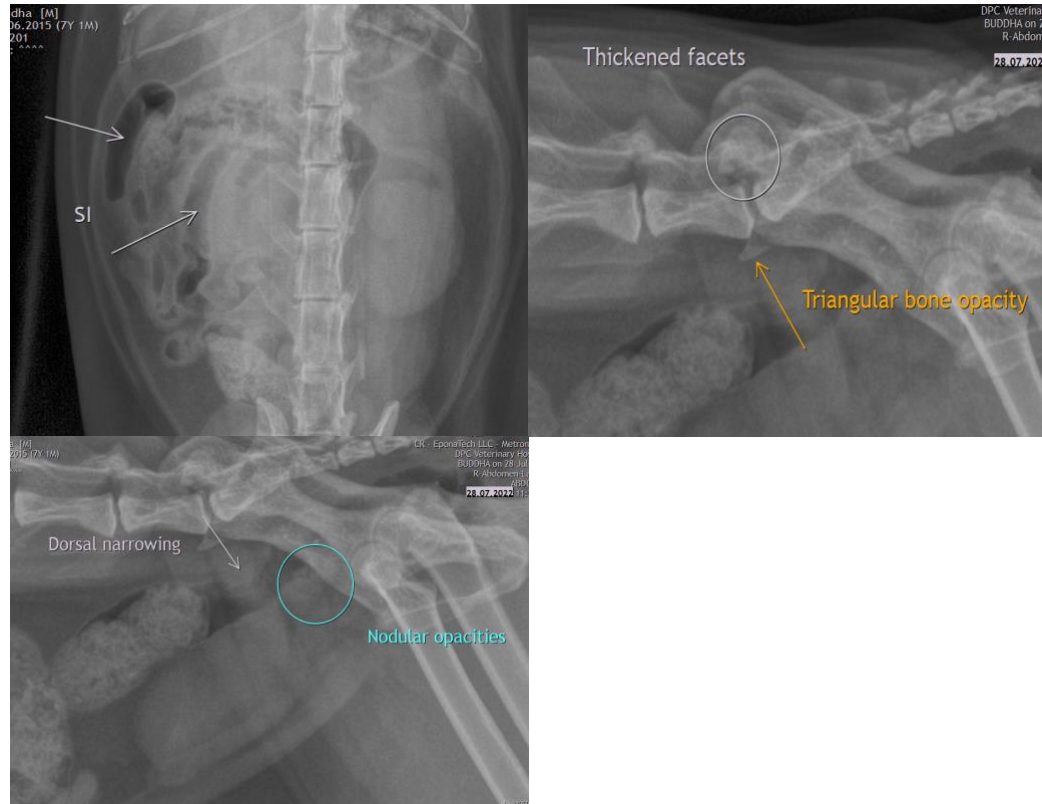
No side marker on VD view

**SEX**

Neutered Male

**AGE**

7 Years



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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.**

**INVOICE**

16583

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.

**DATE**

7/28/22



**PATIENT** **Heike Rudolf**, DVM, Dr. med. vet., DipECVDI, DVR  
dr.h.rudorf@gmail.com

Buddha Debenedetto

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Neutered Male

**AGE**

7 Years

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