



**PATIENT PRESENTING CLINICAL SIGNS**

Thor Barreto History: Anorexia - doesn't want his food/reluctant to eat this week, wants his sister's food (they have been trying to entice her to eat) - ate some last night but vomited it up overnight some sneezing this past week left ear some crusty scabbing on pinna, cleaned some debris out of ear

**SPECIES**

Feline Abnormal PE/Chem/CBC/UA Results: Abnormal CBC abnormal chem abnormal endocrinology

**BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**DSH Urinary System**

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is distended. A small amount of suspended echogenic debris is observed within the lumen. No cystic calculi are observed. The region of the trigone is normal.

**SEX**

Neutered Male

**AGE**

18

The left kidney is normal in size (4.02 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. A hyperechoic medullary band is observed adjacent to the corticomedullary junction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**WEIGHT**

9 lbs

The right kidney is normal in size (4.03 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. A hyperechoic medullary band is observed adjacent to the corticomedullary junction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**INTERPRETED BY**

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**Adrenal Glands**

The region of the adrenal glands is evaluated. No obvious pathology is observed in this region.

**Spleen**

The spleen is normal in size (0.72 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

**IMAGING PERFORMED BY**

Dr. Stranzl

**Liver**

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen and diffusely homogeneous in appearance. No distinct focal lesions are observed. Vascular and biliary tracts are of normal volume with no evidence of congestion.

**HOSPITAL NAME**

Dakota VC

The gallbladder lumen is moderately distended. The wall is thin and smooth. A small-to-moderate amount of mostly gravity-dependent echogenic debris/sludge is observed within the lumen. The cystic and common bile ducts are normal/not seen.

**REFERRING VET**

Dr. Stranzl

**Gastrointestinal**

The lumen is moderately distended with ingesta. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal.

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**Pancreas**

A portion of the pancreas is obscured by the gastric distention. In the visualized portion no obvious abnormalities are seen



**PATIENT**

**Lymph Nodes**

Thor Barreto

The abdominal lymph nodes are normal/not visible.

**SPECIES**

**Free Abdomen**

The peritoneal cavity is normal. There is no evidence of inflammation or effusion.

Feline

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

**Primary Findings**

DSH

Retained gastric ingesta. Considerations include functional ileus (if the patient was fasted for this study) vs a mechanical outflow tract obstruction (none seen). The pylorus is not definitively visualized in the available images.

**SEX**

Neutered Male

**Secondary Findings**

**AGE**

Bilateral nonspecific age-related renal changes

18

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

9 lbs

- Consider three-view thoracic radiographs to assess for occult pathology in the chest.
- A fecal evaluation for ova and Giardia is also recommended.
- Also consider a GI panel including serum cobalamin and folate, TLI and PLI.
- Depending on the results of the above diagnostics, as well as the baseline lab work results, further work-up may be indicated. In the meantime, symptomatic care is recommended.

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**HOSPITAL NAME**

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## PATIENT

Thor Barreto

## SPECIES

Feline

## BREED

DSH

## SEX

Neutered Male

## AGE

18

## WEIGHT

9 lbs

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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.

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