



PATIENT PRESENTING CLINICAL SIGNS

Halligan Tumbelston

The patient has a history of urinary accidents for the past 6 months. No straining. Baseline lab work and T4 unremarkable. Urinalysis showed a USG of 1.025. Urine culture negative. Prior history of focal seizures thought to be related to Comfortis. Had a focal seizure during the study today.

SPECIES

Canine

BREED

Pitbull mix

SEX

Male, neutered

AGE

10 Yrs.

WEIGHT

N/A

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

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Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Grand Oaks AH

REFERRING VET

Dr. Leggett

INVOICE

15154

DATE

8/1/23

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. A small to moderate amount of suspended echogenic debris is observed within the lumen. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 3-4 cm, are normal.

The prostate is normal in size (0.75 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

The left kidney is normal size (7.77 cm in length); normal shape and architecture with smooth peripheral margins. The cortex is isoechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

The right kidney is normal size (8.35 cm in length); normal shape and architecture with smooth peripheral margins. The cortex is isoechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.59 cm at cranial pole) (0.68 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.96 cm at cranial pole) (0.73 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (xxx 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.

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein to caudal vena cava



PATIENT	ratio is approximately 1:1. The gallbladder is of normal contours and contains some dependent echogenic debris. The wall is normal in thickness. No choleliths are observed. The cystic and common bile ducts are normal.
Halligan Tumbelston	
SPECIES	<i>Gastrointestinal</i>
Canine	The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is minimally distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. 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 ileocecolic junction and colonic wall are normal. No obstructive disease is noted.
BREED	
Pitbull mix	
SEX	<i>Pancreas</i>
Male, neutered	The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.
AGE	
10 Yrs.	<i>Free Abdomen</i>
WEIGHT	The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.
N/A	<i>Other</i>
INTERPRETED BY	A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.
Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine)	
IMAGING PERFORMED BY	ULTRASONOGRAPHIC FINDINGS
Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine)	Primary Findings:
HOSPITAL NAME	<ul style="list-style-type: none"> The urinary bladder debris could be consistent with cells, crystals, exfoliated material and/or lipid droplets.
Grand Oaks AH	Secondary Findings:
REFERRING VET	<ul style="list-style-type: none"> Mild bilateral chronic age-related renal changes.
Dr. Leggett	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
INVOICE	<ul style="list-style-type: none"> Consider empirical treatment for an occult urinary tract infection (i.e., a fluoroquinolone). Also consider a neurologic examination to assess for subtle deficits that may be causing urine accidents. Depending on the results of the above diagnostics, further workup may be warranted.
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PATIENT

Halligan Tumbelston

SPECIES

Canine

BREED

Pitbull mix

SEX

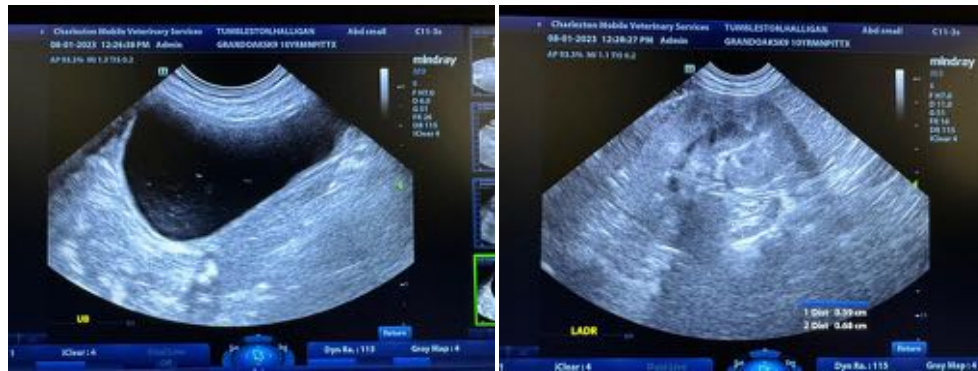
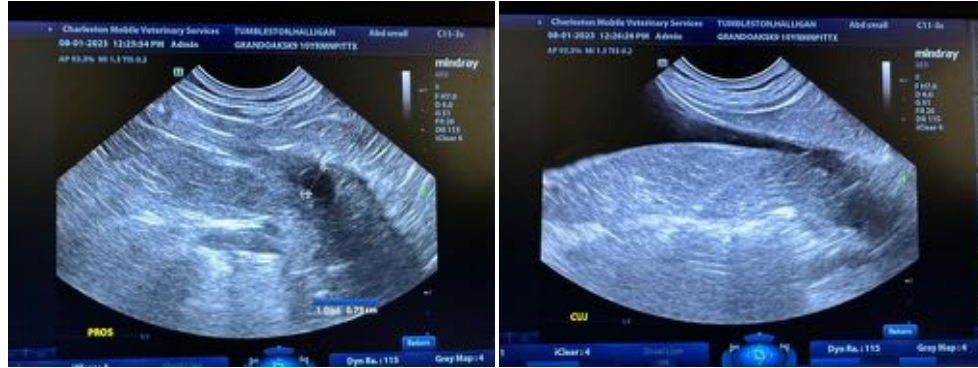
Male, neutered

AGE

10 Yrs.

WEIGHT

N/A

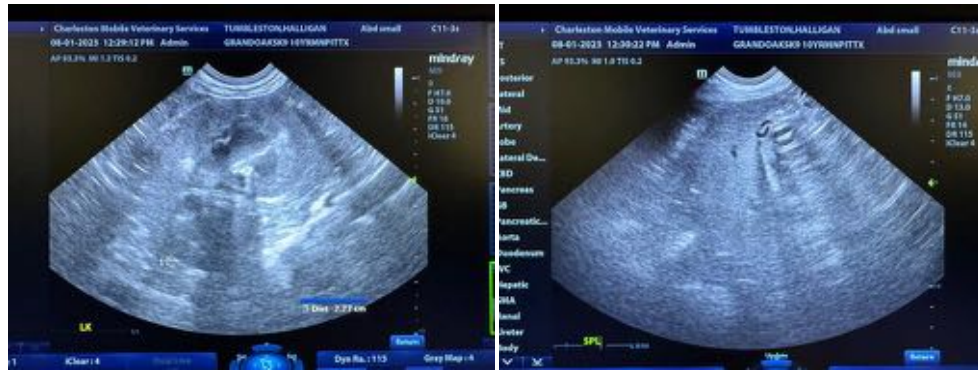


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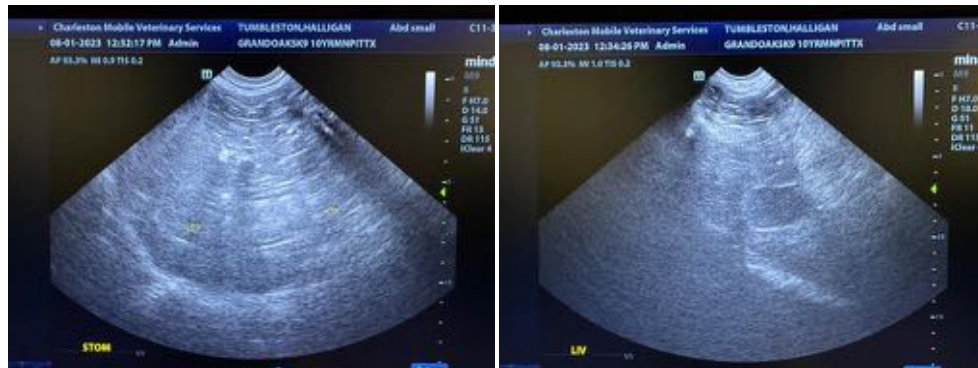
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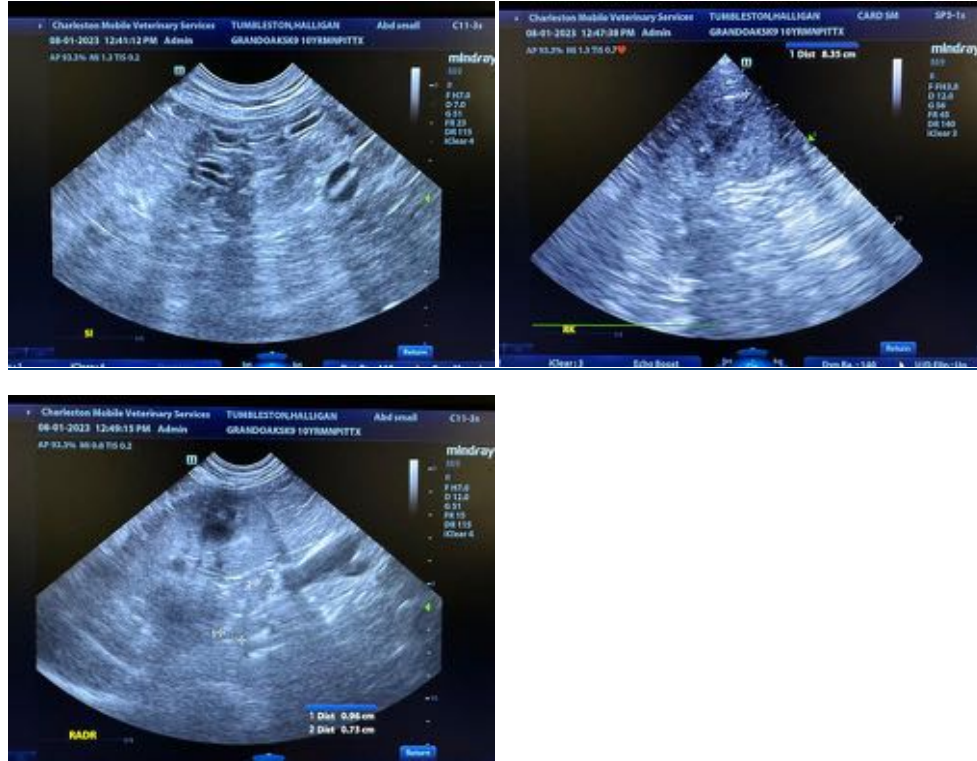
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

IMAGING PERFORMED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com

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