



PATIENT

Tucker Bowser

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

12 Years

WEIGHT

16.63 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

VCA Salem AH

REFERRING VET

Dr. Giambuzzi

DATE

6/15/22

Invoice

17317

PRESENTING CLINICAL SIGNS

History: Bloated Abdomen, not urinating as much, has not had a bowel movement in the past 2 days

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. This is a moderate change. The right kidney measured 4.4 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.44 cm. The right adrenal gland measured 0.48 cm.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** was heterogeneous with irregular contour and multifocal hypoechoic nodular changes, strongly suggestive for a neoplastic process. The gallbladder and common bile duct were unremarkable.

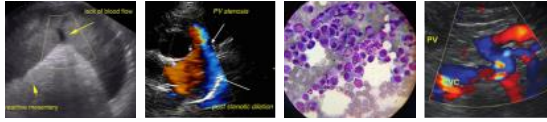
Gastrointestinal

The **gastrointestinal tract** was enveloped in the omental pathology.

Pancreas

A **pancreatic** region revealed coalescing nodular changes with omental grouping. Secondary free fluid noted.

Free Abdomen



PATIENT

A large amount of **free fluid** was noted in the abdomen.

Tucker Bowser

Other

A rapid view of the **heart** revealed volume contraction. Assessment for early shock is indicated.

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ULTRASONOGRAPHIC FINDINGS

- Nodular pancreatic and hepatic changes with coalescing omentum
- Secondary free fluid
- Gastrointestinal tract was enveloped in the omental pathology
- Interstitial nephrosis pattern

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

These changes are strongly suggestive for pancreatic carcinomatosis or similar. Cytospin of the free fluid with immediate slide preparation is recommended. Otherwise, exploratory surgery with appropriate biopsies would be indicated. No evidence of passive congestion or other causes of free fluid formation.

AGE

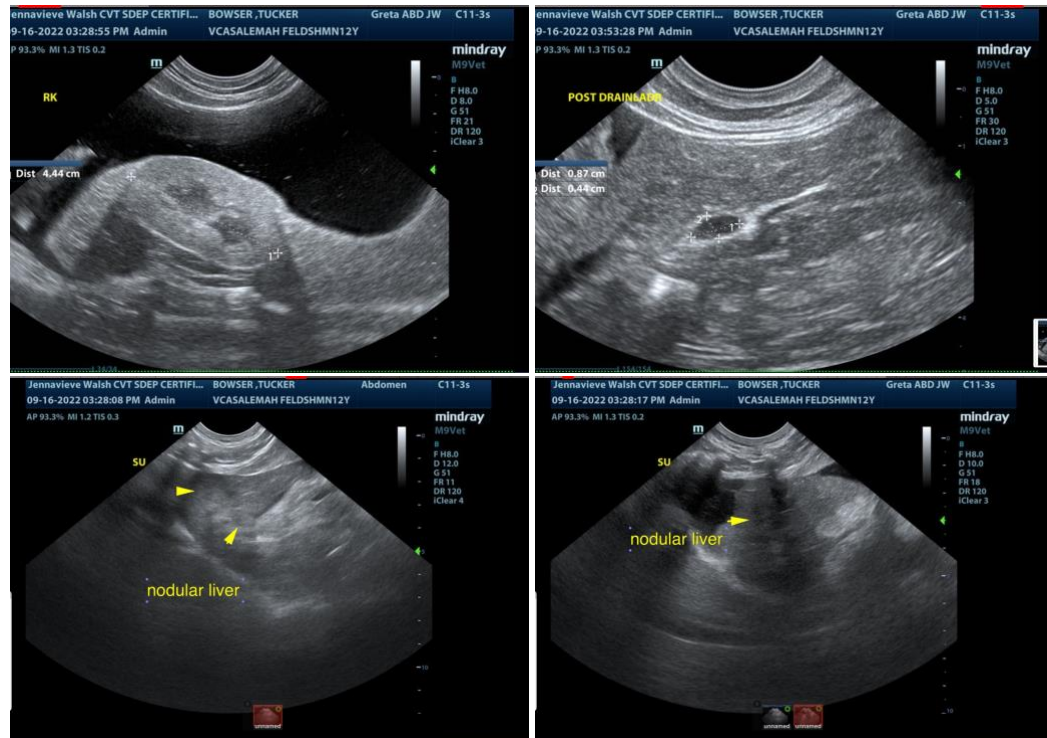
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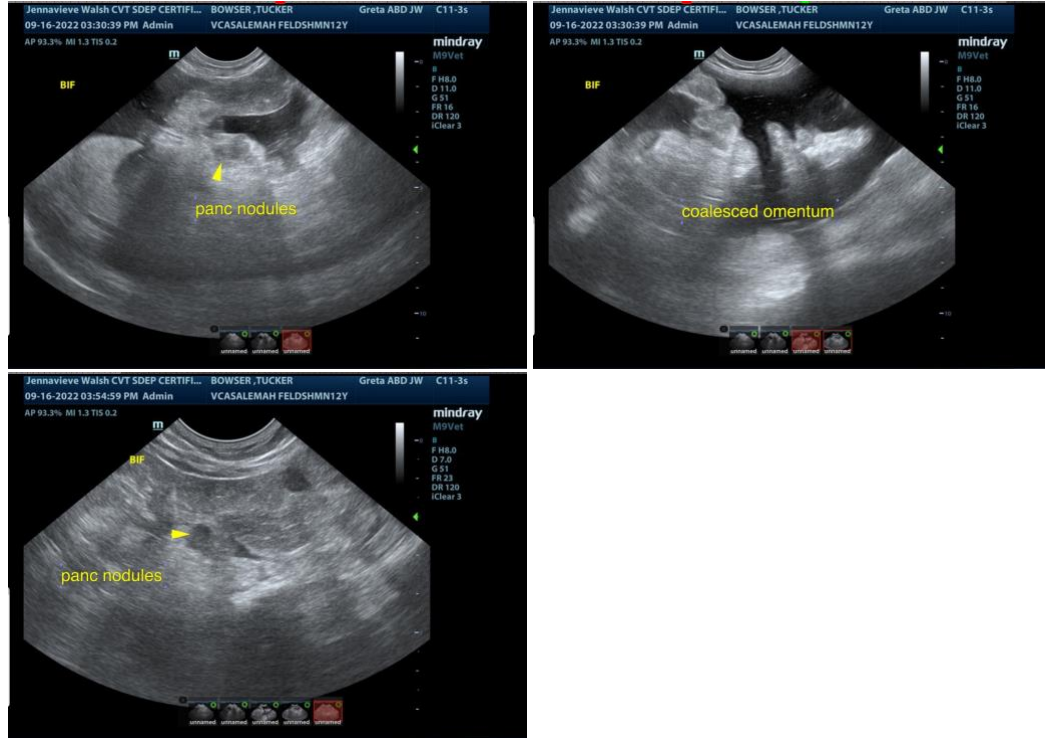
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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