

**PATIENT PRESENTING CLINICAL SIGNS**

Oliver Lenker History: Constipation. Xray- increased opacity in bladder. Hx: crystaluria. Current meds: Lactulose 2-3ml BID TID.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Feline **Urinary System**

**BREED** The **urinary bladder** presented a moderate amount of dependent and mild suspended debris. A trace amount of sand was present in the bladder yet not clinically significant.

Domestic Shorthair 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 minor and most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 4.54 cm. The right kidney measured 4.6 cm.

**SEX**

Neutered Male

**AGE**

15 Years

**WEIGHT**

14 Pounds

**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 right adrenal gland measured 0.44 cm. The left adrenal gland measured 0.35 cm.

**Spleen**

The **spleen** revealed irregular contour. Focal capsular indentation or retraction noted.

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**Pancreas**

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Pamela Harrigan, RDCS

**HOSPITAL NAME**

Pine Banks AH

**REFERRING VET**

Hasan Syed, DVM

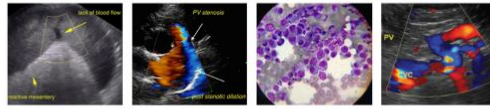
**INVOICE**

17343

**DATE**

**ULTRASONOGRAPHIC FINDINGS**

- Mild interstitial nephrosis pattern



**PATIENT**

Oliver Lenker

- Urinary bladder debris
- Irregular spleen, likely malformation, or positional anomaly, appears subjectively benign

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES**

If any weight loss is an issue, then splenic FNA is indicated. No evidence of calculi present.

Feline

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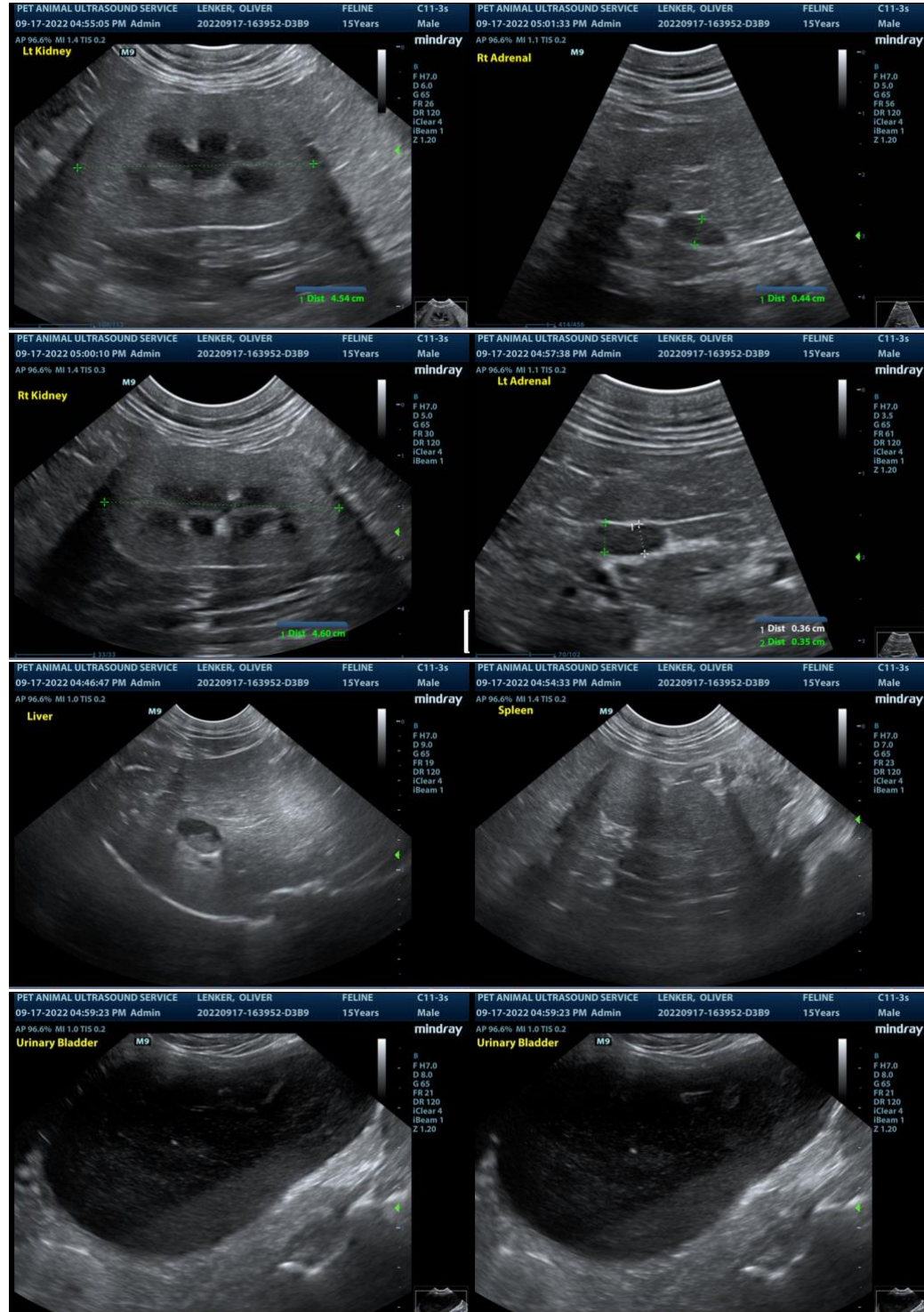
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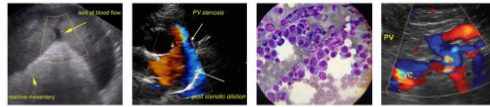
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**PATIENT**

Oliver Lenker

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.

**SPECIES**

Feline

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

**BREED**

Domestic Shorthair

info@SonoPath.com

**SEX**

Neutered Male

**AGE**

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