



## PATIENT PRESENTING CLINICAL SIGNS

**PATIENT**  
Youko Koon  
Per Dr. Larsen Ddx: infection, fb, organ dz, metabolic (Addison's), open Per Dr. Supan Dehydrated. DDx-infectious (leptospirosis), foreign body, structural organ abnormality, open Current Medications cerenia 24 mg: 1 tablet SID in A.M

**SPECIES**  
Canine  
Abnormal PE/Chem/CBC/UA Results: HL: 09-09-21 at 6:19p: CTO - RBC/WBC and rod bacteria in urine; dilute urine (1006) -- ddx: uti (primary), renal infection, open Color: Dark orange/brown Appearance: Turbid/4+ Specific Gravity: Occult Blood: 4+ Bilirubin: +/-orange color Urobilinogen:N Ketones:N Protein: 4+ Nitrite: Glucose: N pH: 6 Leukocytes: Ascorbic Acid: Sediment: WBC 2+, RBC (3+), epithelial

## BREED

Shiba Inu

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

## SEX

Female

The **urinary bladder** was structurally normal with a minor amount of suspended debris present. Normal wall thickness. No evidence of calculi. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

## AGE

8 Months

The uterus was normal, measuring 4.0 mm in width. No evidence of pathology.

## WEIGHT

18 Pounds

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.92 cm.

### Adrenal Glands

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS

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 1.73 cm x 0.67 cm at the cranial pole and 0.57 cm at the caudal pole. The right adrenal gland measured 1.97 cm x 0.81 cm at the cranial pole and 0.51 cm at the caudal pole.

## IMAGING PERFORMED BY

Jenna Walsh

### 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.

## HOSPITAL NAME

Pleasant Hill AH

## REFERRING VET

Dr. Supan

### 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.

## DATE

9/10/21

## INVOICE

25314



**PATIENT** *Gastrointestinal*

Youko Koon The **stomach** was essentially with a minor amount of chyme. However, passive linear structures appear to be present. These are non-obstructive and not tethering, and may be grass blades or possible parasites. The small intestine was unremarkable. Fluid filled colon noted. Reactive mesenteric lymph nodes noted, measuring 1.0 cm x 0.5 cm.

**SPECIES**  
 Canine *Pancreas*

**BREED**  
 Shiba Inu 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.

**ULTRASONOGRAPHIC FINDINGS**

- SEX**  
 Female
- Possible worm burden in the stomach
  - Fluid filled colon
  - Unremarkable abdomen otherwise

**AGE**  
 8 Months INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Fecal test warranted. Broad-spectrum antiparasitic protocol warranted with IV supportive care, urine culture and sensitivity. No evidence of structural disease.

**WEIGHT**  
 18 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV,  
 DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenna Walsh

**HOSPITAL NAME**

Pleasant Hill AH

**REFERRING VET**

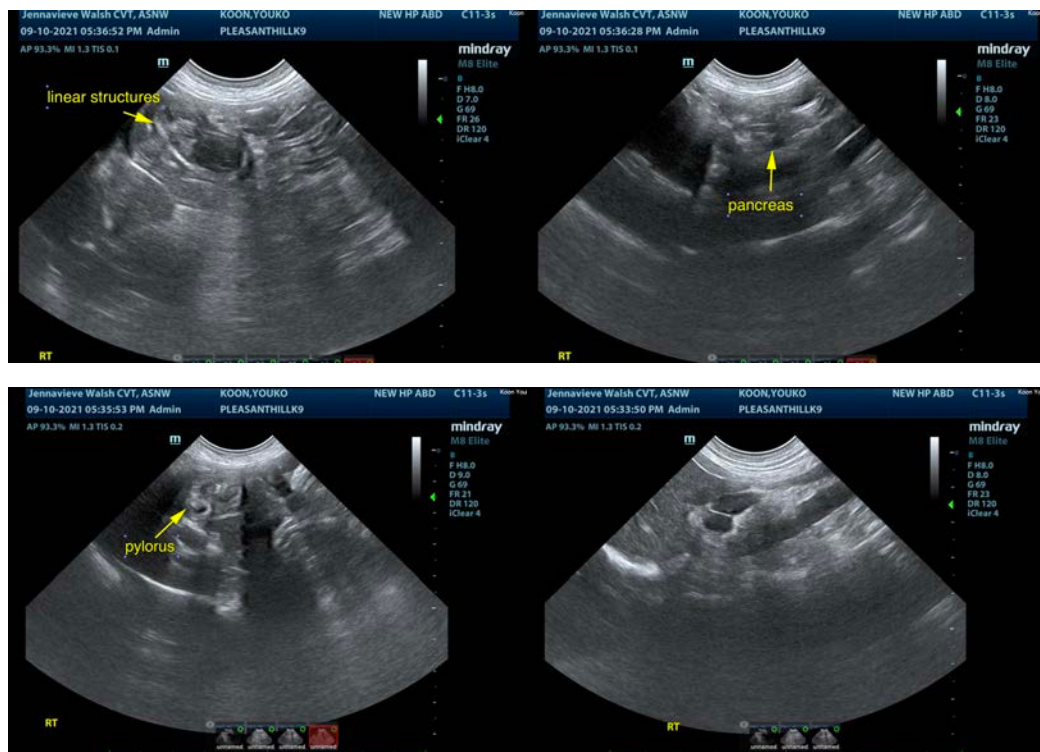
Dr. Supan

**DATE**

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**PATIENT**

Youko Koon

**SPECIES**

Canine

**BREED**

Shiba Inu

**SEX**

Female

**AGE**

8 Months

**WEIGHT**

18 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

Jenna Walsh

**HOSPITAL NAME**

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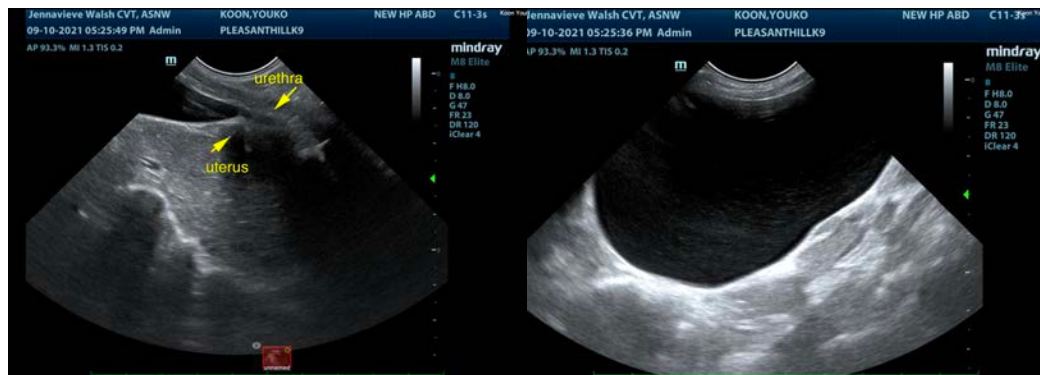
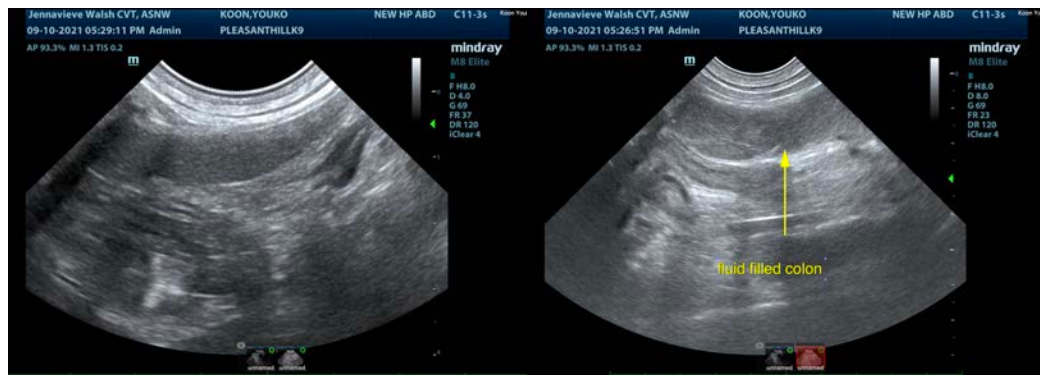
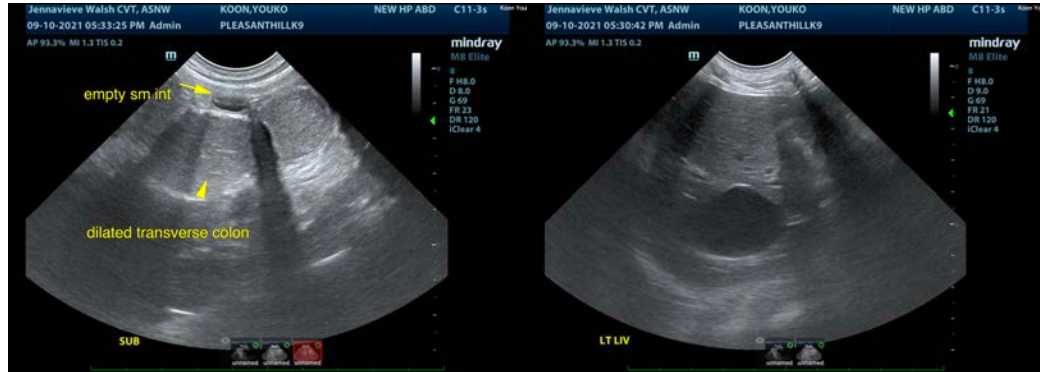
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**PATIENT**

Youko Koon

**SPECIES**

Canine

**BREED**

Shiba Inu



**SEX**

Female

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.

**AGE**

8 Months

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**

**WEIGHT**

18 Pounds

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Eric.Lindquist@SonoPath.com

**INTERPRETED BY**

**Eric Lindquist, DMV, DABVP, Cert. IVUSS**

**IMAGING PERFORMED BY**

Jenna Walsh

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