



PATIENT

Maya Donates

SPECIES

Canine

BREED

Australian Cattle Dog

SEX

Female

AGE

2 Months

WEIGHT

4.7 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Lemanski

HOSPITAL NAME

Animal Emergency Hospital Deland

REFERRING VET

Dr. Lemanski

INVOICE

43991

DATE

7/17/23

PRESENTING CLINICAL SIGNS

Maya is a 10 week F Australian cattle dog who was presented for fluid in the belly and elevated liver values. P was hospitalized here a week ago for possible sago palm ingestion. P went home and since then O notice her stomach getting larger. P went to rDVM today and found liver values elevated and free fluid in the abdomen. P also has low protein.

Abnormal PE/Chem/CBC/UA Results: Distended abdomen with fluid wave palpable

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** were structurally unremarkable and measured approximately 4.0 cm each.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

The **liver** was subnormal in size and revealed coarse architecture and increased portal markings. Significant hepatic remodeling noted. The gallbladder was echogenic and thickened.

Gastrointestinal

The **stomach** revealed minor shadowing material, which may represent medications, measuring up to 5.0 mm.

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.

Free Abdomen

Large amount of ascites noted.

ULTRASONOGRAPHIC FINDINGS

- Non-specific cholangitis presentation – likely owing to sago palm toxicity.
- Free fluid
- Volume contracted spleen
- Minor shadowing material in the stomach – possible medications.



PATIENT

Maya Donates

SPECIES

Canine

BREED

Australian Cattle Dog

SEX

Female

AGE

2 Months

WEIGHT

4.7 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Lemanski

HOSPITAL NAME

Animal Emergency
Hospital Deland

REFERRING VET

Dr. Lemanski

INVOICE

43991

DATE

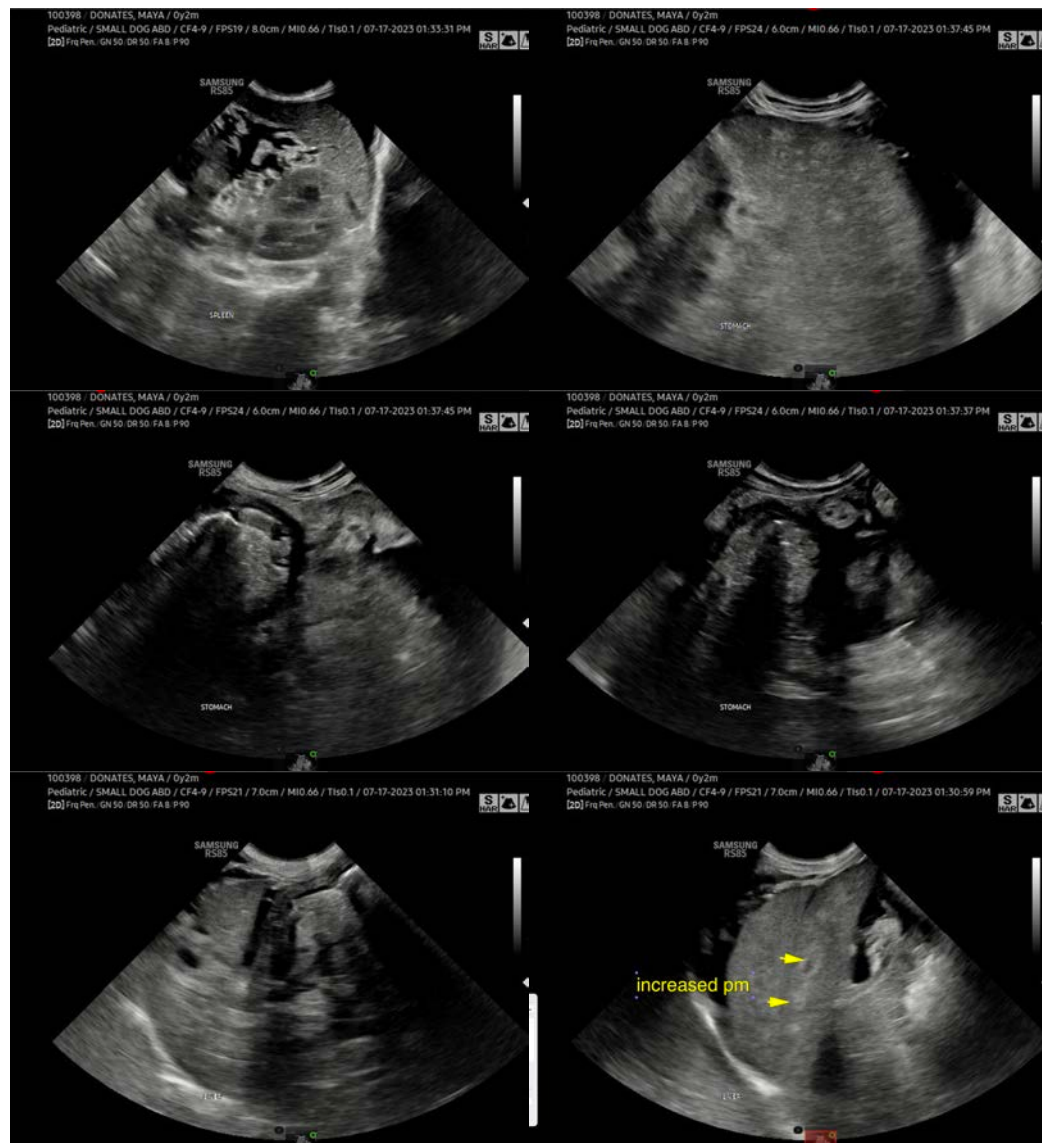
7/17/23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The free fluid could be owing to poor oncotic pressure. An argument could be made for portal hypertension as well, given the diffuse liver disease. Prognosis is extremely guarded. Plasma expanders, plasma transfusion, liver support protocol indicated. Reassessment of liver enzymes and bile acids indicated.

For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>





PATIENT

Maya Donates

SPECIES

Canine

BREED

Australian Cattle Dog

SEX

Female

AGE

2 Months

WEIGHT

4.7 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Lemanski

HOSPITAL NAME

Animal Emergency
Hospital Deland

REFERRING VET

Dr. Lemanski

INVOICE

43991

DATE

7/17/23

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.

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

info@SonoPath.com