



**PATIENT PRESENTING CLINICAL SIGNS**

**Tess Willey** 4/16/23- P has been lethargic all afternoon, drooling heavily. She was vaccinated on Friday, and had her first round at 6 weeks. P was playing this afternoon and acting fine, then when she came back inside, she was walking slow, like she was painful and unaware of her footing. O left for church around 10 am and came back around noon and P's symptoms had progressively gotten worse. P has been walking hunched over all day. O reported it seems like P cannot see and they are concerned she cannot see. P's appetite was fine this morning, but she has since declined food. O has not seen P drink any water today.

**SPECIES** Canine

**BREED** Schnauzer

Abnormal PE/Chem/CBC/UA Results: High= ALKP, ALT, Sodium, Bile 01, Monos Low= Bun/Urea, Crea, Chloride, MCHC, MCH

**COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

**SEX** A high-resolution pre- and post-contrast CT study of the abdomen are provided for review. Performed a CTA liver angiography with two phases scan, pre-contrast and post-contrast phase of full abdomen.

**COMPUTED TOMOGRAPHIC FINDINGS**

**Female**

**AGE** There is a small length anomalous shunting vessel that emerges from the splenic vein feeding into the caudal vena cava at the level of the cranial pole of the right kidney. The shunt vessel reaches a maximum diameter of approximately 0.60cm, and the portal vein in the portal hepatis reaches a maximum diameter of approximately 0.43cm. The hepatic caudal vena cava is distended.

10 Weeks, 5 Days

The liver is moderately small in size, and the gastric axis is shifted cranially. The gallbladder is unremarkable, moderately hypoattenuating fluid distended.

**INTERPRETED BY**

**Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet**

The kidneys are subjectively enlarged, with normal shape, and regular contour. A few pinpoint mineral attenuating structures are seen in the renal pelvis in the right and left kidneys.

No mineral attenuating calculi are visible within the urinary bladder.

**HOSPITAL NAME**

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The spleen is normal in size, homogeneously soft tissue attenuating, and uniformly contrast enhancing.

The stomach is normally distended and contains a small amount of homogeneous attenuating fluid material admixed and gas.

**REFERRING VET**

**Deepan Kishore, DVM, MS, DABVP**

The duodenum and small intestine are mildly dilated and contain a small amount of homogeneous hypoattenuating fluid content and minimal gas.

The colon is moderately distended and contains gas admixed with heterogeneous soft tissue attenuating fecal material.

The pancreas and mesentery are normal.

**INVOICE**

57971 The abdominal lymph nodes and adrenal glands are normal.

No other abnormalities are identified.

**DATE**

4-25-23



**PATIENT**      **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Tess Willey
- Spleno-caval extra-hepatic shunt with secondary microhepatia.
  - Bilaterally symmetric compensatory renomegaly.
  - Few pinpoint nephrolithiasis in the kidneys.

**SPECIES**      **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Canine

The suspected congenital portosystemic shunt is confirmed. Bilateral pinpoint mineral nephrolithiasis is seen.

**BREED**

Schnauzer

A consultation with a specialized center is recommended to discuss the best option for surgical treatment.

**SEX**

Female

**AGE**

10 Weeks, 5 Days

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Vet., Dipl. CBraRVet

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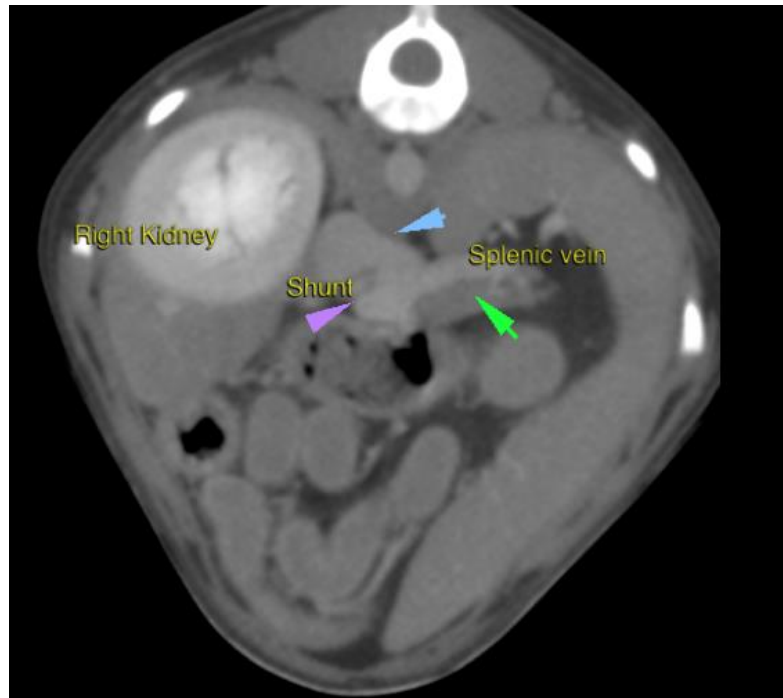
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**PATIENT**

Tess Willey

**SPECIES**

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**BREED**

Schnauzer

**SEX**

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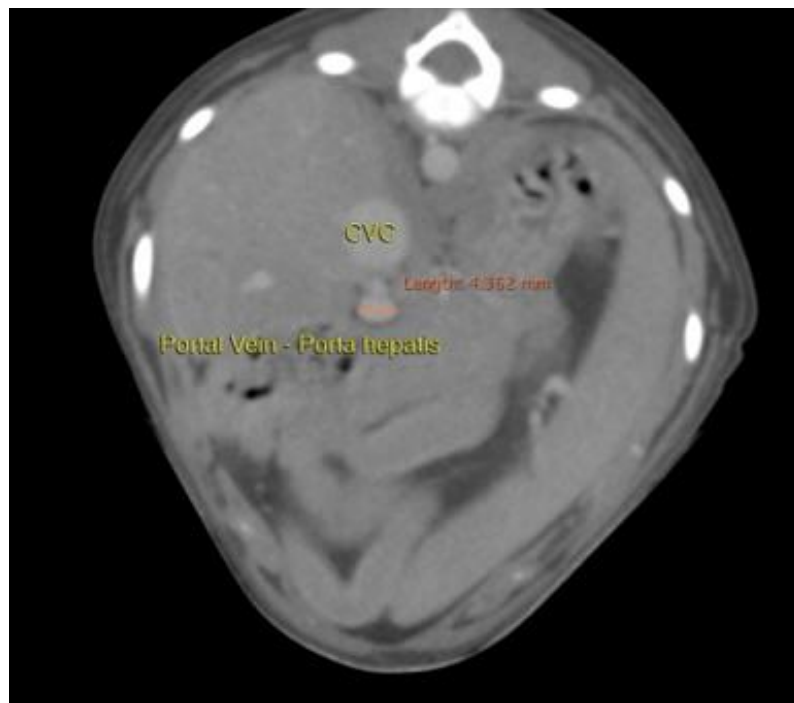
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**PATIENT**

Tess Willey

**SPECIES**

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**BREED**

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**SEX**

Female

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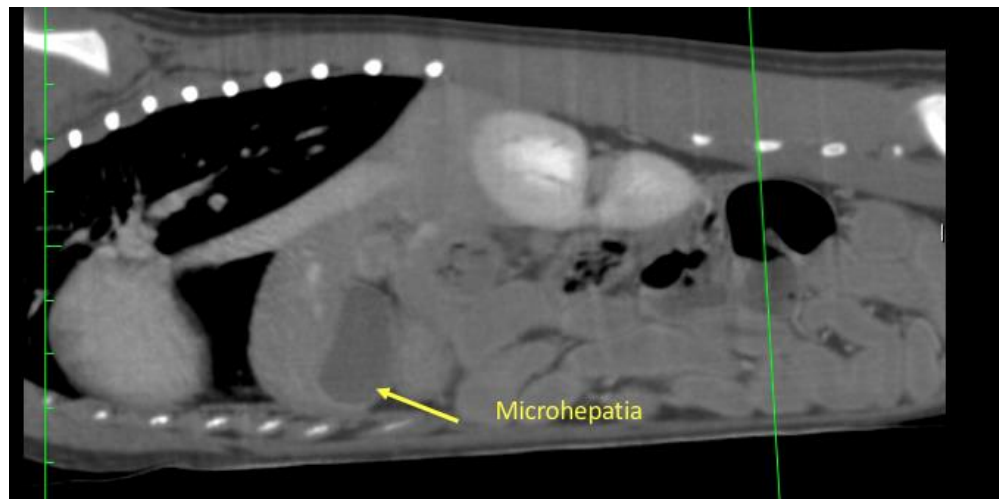
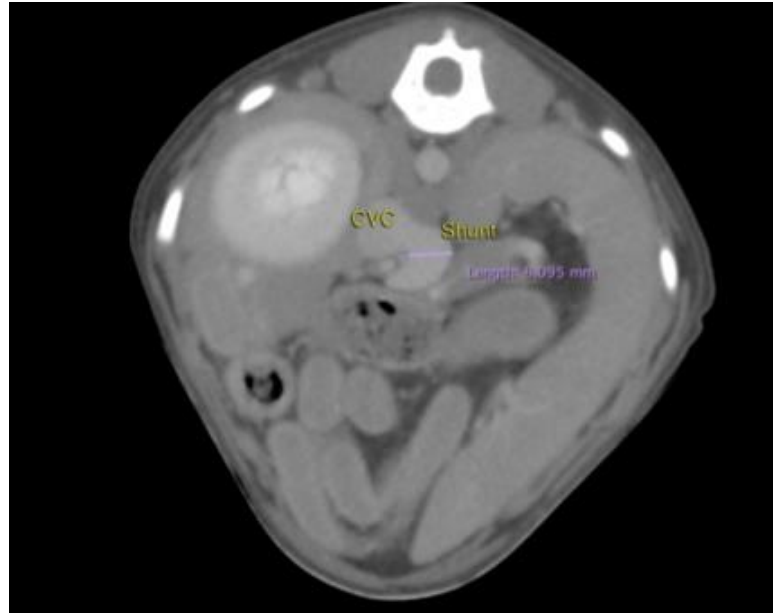
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet**  
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