

## PATIENT

Sweetie Ruffing

## SPECIES

Canine

## BREED

Havanese

## SEX

Female

## AGE

3 Months

## WEIGHT

3.7 lbs

## INTERPRETED BY

Dr. Mauro Caldas MV,  
CBRV

## IMAGING PERFORMED BY

Jenna/Brett

## HOSPITAL NAME

Animal Clinic  
Northview

## REFERRING VET

Dr. Emily Dible DVM

## INVOICE

16409

## DATE

06/05/26

## PRESENTING CLINICAL SIGNS

Os acquired P on the 11th of May. Eyes started getting matted 5 days later and stopped eating. Weighed 3lbs a month ago. On the 18th of May P weighed 4 lbs. And 3 days in a row took to rDVM because she wasn't acting right. Last Thursday rDVM gave cortisone shot and seemed to help and perked up a bit. Craves human food. Drinking a little. O doesn't think P e/d normal. On Royal Canine puppy wet/dry food-Mother and Baby dog. Feeds 2 tablespoons mixed with a 3rd of a can of wet food. Yesterday walking in circles head tilted to one side. BG 78 on presentation. Parvo snap: negative Reviewed rDVM records and discussed with owner. Discussed concern for chronic respiratory infection vs. hepatic shunt. Recommend repeat bloodwork and bile acids today. If bile acids come back consistent with a liver shunt - would need CT to confirm/diagnose. Owner approves all recommendations.

CBC - HCT 29%, MCV 53.6, Retics 156.3, WBC 21.3, Monos 2.83, Eos 3.64, PLT 516 SMAC - Glu 76, K 6.2, TP 3.3, Alb 1.5, Glob 1.8, GGT 3, Chol 78, Amylase 153 SBA - Pre: 126.1, Post: 180.

## COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Survey and post contrast CT images provided for review.

## COMPUTED TOMOGRAPHIC FINDINGS

Liver revealed moderately small size. No mass or nodules seen. Gallbladder is full. No stones are seen. Presence of anomalous vessel communicating the left gastric vein to the caudal vena cava before the hepatic insertion. The vessel is 7.0 mm wide on the terminal portion beside the cava caudal. Stomach and small Intestines appear normal. Feces with normal density and volume in the colon and rectum. Spleen with normal size. No mass or nodules seen. The adrenal glands appear normal. Both kidneys present with normal size and mild irregular shape. Normal contrast excretion on both sides. No stones are seen. There is no evidence of peritoneal effusion or peritonitis. Medial iliac lymph nodes are symmetrical, with normal size and shape. Urinary bladder with thin walls. No stones are seen.

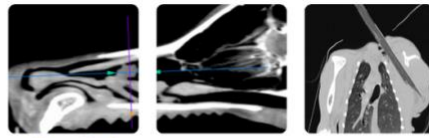
## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left gastric caval shunt.
- Secondary small liver

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Congenital single extra-hepatic portosystemic shunt. The small liver is secondary. Surgical correction is indicated.





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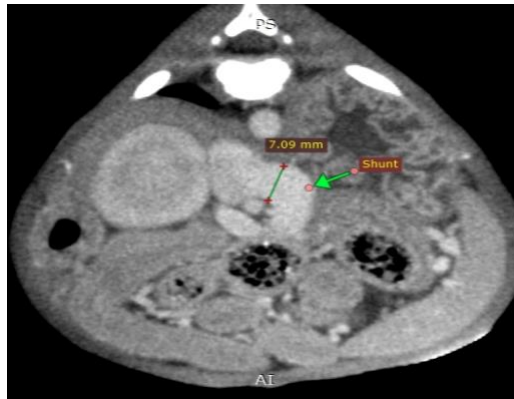
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Dr. Mauro Caldas MV, CBRV**

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