



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Frankie Mabilog	History: Previous on Sonopath from November 2022. Hx of adrenal and splenic masses. Assess for further growth/mets. Elevated liver enzymes. New diarrhea.
<b>SPECIES</b>	
Canine	
<b>BREED</b>	<b>Urinary System</b>
Bichon Frise Shih Tzu	The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.
<b>SEX</b>	<b>Reproductive System</b>
Neutered Male	Small hypoechoic prostate.
<b>AGE</b>	<b>Adrenal Glands</b>
16 years	Normal shape, echogenic appearance, size of the left adrenal gland (measuring 0.52 cm). Irregular hyperechogenic mass in the right adrenal gland (measuring 2.50 x 3.80 cm) with no obvious infiltration into the surrounding renal vasculature.
<b>WEIGHT</b>	<b>Spleen</b>
6.7 kg	Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. Large irregular mottled, echogenic, poorly vascularized mass (measuring 3.20 x 3.80 cm).
<b>INTERPRETED BY</b>	<b>Liver</b>
Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM	Enlarged with rounded edges, a coarse and mottled echogenic appearance, increased portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.
<b>IMAGING PERFORMED BY</b>	<b>Gallbladder</b>
Dave Stasiuk RDMS, RDCS	The gallbladder is full containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.
<b>HOSPITAL NAME</b>	<b>Gastrointestinal</b>
Falconridge AH	Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.
<b>REFERRING VET</b>	<b>Pancreas</b>
Dr. Rix	Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.
<b>INVOICE</b>	
13953	
<b>DATE</b>	
8.3.23	



**PATIENT** *Free Abdomen*

Normal mesenteric lymph nodes.

Frankie Mabilog

**SPECIES**

Canine

*Thorax*

Normal appearance of the heart. No pericardial or pleural effusion evident.

**BREED**

Bichon Frise Shih Tzu

**SEX**

Neutered Male

**AGE**

16 years

**WEIGHT**

6.7 kg

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med),  
PhD, Dipl. ECVIM

**IMAGING PERFORMED BY**

Dave Stasiuk RDMS,  
RDCS

**HOSPITAL NAME**

Falconridge AH

**REFERRING VET**

Dr. Rix

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**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- Splenic mass
- Right adrenal mass
- Hepatopathy

**Secondary Findings**

- Age-related renal changes
- Left renal cortical cyst
- Gall bladder sediment

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the splenic mass would be neoplasia and granuloma.

Etiologies for the right adrenal mass would be functional/nonfunctional carcinoma and pheochromocytoma.

Etiologies for the hepatopathy would be reactive, metabolic, vacuolar, nodular hyperplasia, chronic hepatitis and infiltrative neoplasia.

In comparison to the previous ultrasound, there has been a slight enlargement of the splenic mass and enlargement of the right adrenal mass; whereas the hepatopathy and appearance of the kidneys and renal cyst are static.

Further assessment that could be considered would be three-view thoracic radiographs, FNA cytology of the splenic mass and liver, adrenal function testing (ACTH stimulation/LDDS test), serial blood pressure monitoring and plasma/urinary catecholamine assays.

Specific therapy would be dependent on an etiological diagnosis. Although ideal treatment would be splenectomy and right adrenomegaly, the patient's age needs to be taken into consideration.



**PATIENT**

Frankie Mabilog

**SPECIES**

Canine

**BREED**

Bichon Frise Shih Tzu

**SEX**

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**REFERRING VET**

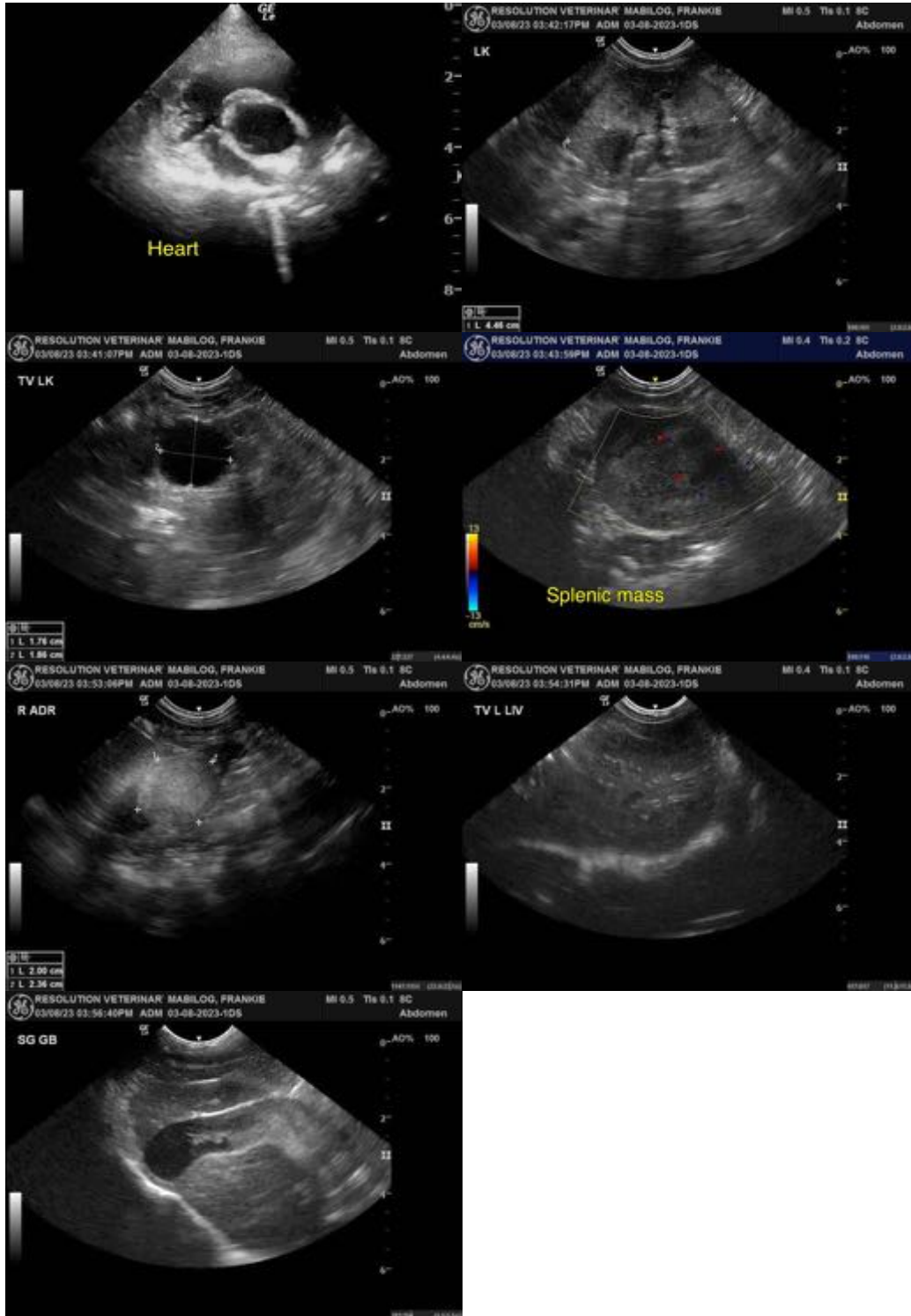
Dr. Rix

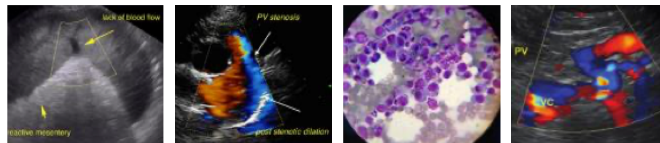
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**PATIENT**

Frankie Mabilog

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**

Canine

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.

**BREED**

Bichon Frise Shih Tzu

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**  
[info@sonopath.com](mailto:info@sonopath.com)

**SEX**

Neutered Male

**AGE**

16 years

**WEIGHT**

6.7 kg

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Dave Stasiuk RDMS,  
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