



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Dozer Simpson

SPECIES
Canine

BREED
Basset Lab Mix

SEX
Neutered male

AGE
9 years

WEIGHT
84.5 lbs

INTERPRETED BY
Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

IMAGING PERFORMED BY
Dr. Harris

HOSPITAL NAME
TotalBond VH

REFERRING VET
Dr. Langholz

History: Dozer initially presented to us as a new patient on 3/21/22 with owner concerned that she noticed last night stomach is starting to look bigger. Owner thought he was getting overweight. This is the first time the owner has observed this. When owner pushed on his abdomen he whimpered. He was still eating and drinking, no vomiting or diarrhea. Stool quantity seems smaller than usual and possibly firmer than normal. The change in stool consistency and volume was noted on 3/21/22. Dozer is normally very food motivated. He is laying around more. Seems slower on walks for about 1 month possibly longer. Previously had TPLO on right leg 2 years ago. PE: Overweight, no abnormal heart sounds, tense/firm abdomen-groaned when palpated. MM pink, moist and CRT <2. Rule-outs: constipation/obstipation, foreign body, mass, pancreatitis After we received the radiology report re: splenic enlargement, reduced cranial abdominal serosal detail, and a 5 cm mass that may be associated with spleen, the concern about a possible splenic mass and concern about a bleeding tumor increased

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is well filled. The wall is smooth and regular. No abnormalities are present with the trigone or proximal urethra, and there is no evidence of sediment, cystoliths, polyps or a mass.

The left kidney is within normal limits in size for the patient's weight (7.17 cm). The capsule is smooth. The cortex is mildly hyperechoic (it is isoechoic to the spleen). The definition of the cortico-medullary junction is relatively well preserved. A small amount of mineralization is observed, in addition to an accumulation of fat within the pelvis. There are no signs of nephroliths or pyelectasia. The surrounding mesentery is hyperechoic, however, this is attributed to the inflammation surrounding the spleen.

The right kidney is within normal limits in size for the patient's weight (7.38 cm). The capsule is smooth. The cortex is mildly hyperechoic (it is isoechoic to the spleen). The definition of the cortico-medullary junction is relatively well preserved. Very small, punctate mineralizations of the diverticulae are present without evidence of nephroliths or pyelectasia. The surrounding mesentery is not hyperechoic.

Adrenal Glands

The left adrenal gland measures 0.62 cm at the cranial pole and 1.97 cm in length. I am unable to measure the caudal pole properly. No abnormalities are noted in the gland's shape, overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

The right adrenal gland measures 0.60 cm x 1.29 cm. No abnormalities are noted in the gland's shape, overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

Spleen

A mass measuring 4.41 cm in height x 5.3 cm in length is observed ventro-medially to the head of the spleen. It is well defined and encapsulated in certain views, although its outer edge becomes slightly irregular. It is relatively homogeneous on the initial views, however, multiple hypo and anechoic lesions of variable size are visualized within the mass as the head of the probe pointed towards the spine. In addition to the multiple anechoic lesions within the mass, an anechoic region, most likely hemorrhage settled by gravity, is visualized. The mesentery surrounding the spleen and the intestines in the area,

INVOICE

97748

DATE

3/24/22



PATIENT	including the pancreas, is markedly hyperechoic, which is attributed to inflammation associated to recent hemorrhage.
Dozer Simpson	The body and tail of the spleen are homogenous and do not show any signs of neoplasia.
SPECIES	
Canine	Liver
BREED	There are no obvious signs of hepatomegaly and its borders are smooth and sharp. The liver's echotexture is coarse, but is within normal limits in echogenicity. The walls of the portal veins are prominent.
Basset Lab Mix	A trivial amount of echogenic material is visualized within the gallbladder, which is considered clinically insignificant. The biliary system is otherwise within normal limits.
SEX	
Neutered male	Gastrointestinal
AGE	The gastric wall and pylorus are normal in thickness. There is no loss of definition of the normal architecture of the layers of the stomach wall. No obvious abnormalities are observed with its peristalsis. The mesentery surrounding the stomach is hyperechoic (see pancreas below for reason).
9 years	The small intestinal wall thickness, including the duodenum, is within normal limits and there is no evidence of dilation. Definition of wall layers is preserved. The colonic wall is not thickened and mural detail is considered normal. There are no obvious signs of a mass, foreign body, infiltrative disease or an obstruction.
WEIGHT	
84.5 lbs	
INTERPRETED BY	
Lisa Carioto, DVM, DVSc, Diplomate ACVIM	Pancreas
IMAGING PERFORMED BY	Both the left and right limbs of the pancreas have a coarse echotexture and are mildly heterogeneous. The left limb is somewhat exaggerated by the hyperechoic mesentery surrounding it.
Dr. Harris	The parenchymal changes are most likely due to nodular hyperplasia and areas of fibrosis. They are considered age related and possibly secondary to previous episodes of pancreatitis, respectively. There are no signs of active pancreatitis.
HOSPITAL NAME	As mentioned above, the mesentery surrounding the left pancreas is severely hyperechoic. This is attributed to inflammation associated with recent hemorrhage from the splenic mass, rather than active pancreatitis.
TotalBond VH	
REFERRING VET	Other
Dr. Langholz	Lymph nodes: No obvious abnormalities are observed.
INVOICE	Abdominal effusion is visualized, but is localized to the region surrounding the spleen. It is difficult to determine from the images received whether it is free fluid vs. retained within the splenic capsule.
97748	
DATE	
3/24/22	



PATIENT

Dozer Simpson

SPECIES

Canine

BREED

Basset Lab Mix

SEX

Neutered male

AGE

9 years

WEIGHT

84.5 lbs

ULTRASONOGRAPHIC FINDINGS

- Splenic mass with recent hemorrhage. Although hemangiosarcoma is a differential diagnosis, the mass does not have the typical generalized, multi-focal, cavitated lesions. Therefore, an hematoma, which may or may not be due to a previous trauma, must be considered.
- The coarse granular hepatic echotexture is likely due to a reactive hepatopathy, which is most likely secondary to the splenic changes and is not considered clinically significant at this time. However, this latter comment may change depending on blood work results.
- Mild, age related degenerative changes are observed with both kidneys.
- The parenchymal changes observed with the pancreas are most likely due to nodular hyperplasia and areas of fibrosis. They are considered age related and possibly secondary to previous episodes of pancreatitis, respectively. There are no signs of active pancreatitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Three radiographic views of thorax are strongly recommended to exclude metastases. If negative, an exploratory surgery with splenectomy is recommended. Note, another option, depending on where the surgery will be is a CT scan of the thorax.

Euthanasia is not recommended without histopathology of the splenic mass as there is a chance that this mass is not neoplastic in origin.

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

IMAGING PERFORMED BY

Dr. Harris

HOSPITAL NAME

TotalBond VH

REFERRING VET

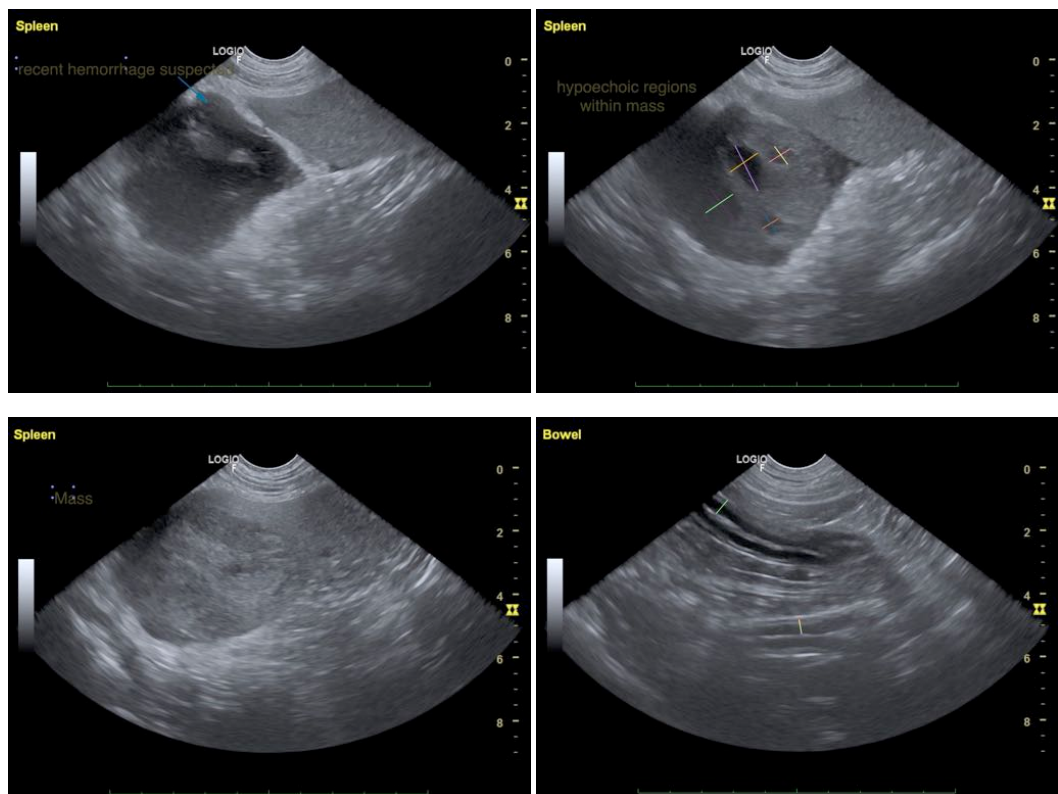
Dr. Langholz

INVOICE

97748

DATE

3/24/22





PATIENT

Dozer Simpson

SPECIES

Canine

BREED

Basset Lab Mix

SEX

Neutered male

AGE

9 years

WEIGHT

84.5 lbs

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

IMAGING PERFORMED BY

Dr. Harris

HOSPITAL NAME

TotalBond VH

REFERRING VET

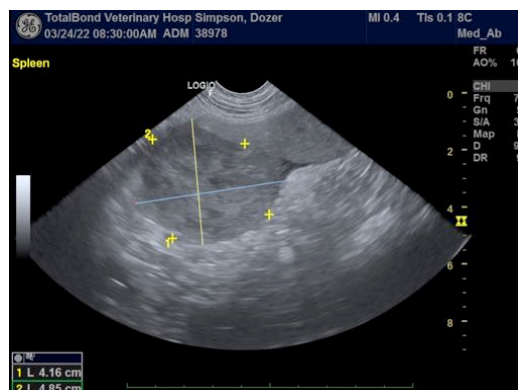
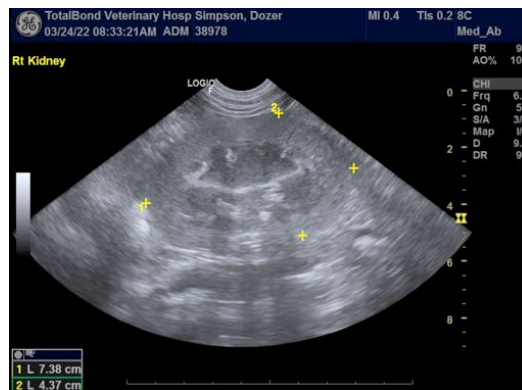
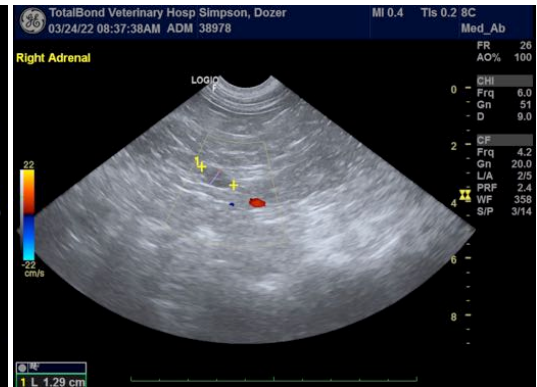
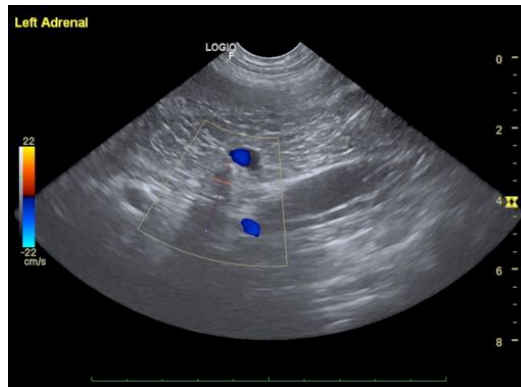
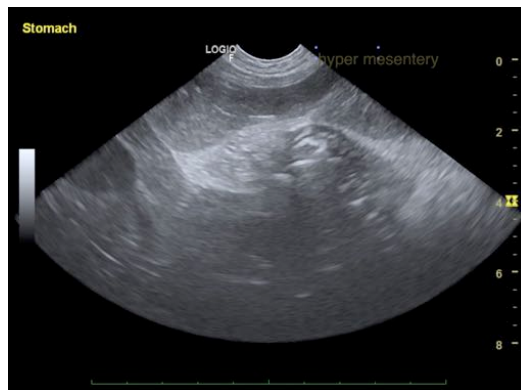
Dr. Langholz

INVOICE

97748

DATE

3/24/22





PATIENT

Dozer Simpson

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.

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

Basset Lab Mix

Lisa Carioto, DVM, DVSc, Diplomate ACVIM

Lisa.Carioto@sonopath.com

SEX

Neutered male

AGE

9 years

WEIGHT

84.5 lbs

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

IMAGING PERFORMED BY

Dr. Harris

HOSPITAL NAME

TotalBond VH

REFERRING VET

Dr. Langholz

INVOICE

97748

DATE

3/24/22