


PATIENT

Spike Quiles Sierra

SPECIES

Canine

BREED

Schnauzer

SEX

Male Intact

AGE

11 Years

WEIGHT

17 lbs

INTERPRETED BY

 Sebastian Jawinski,
 German Board Certified
 Vet Specialist in
 Diagnostic Imaging

IMAGING PERFORMED BY

 Dr. Gabriel Ferrer
 DVM

HOSPITAL NAME

 Paseos Veterinary
 Center

REFERRING VET

 Dr. Damaris Rohena
 Pizarro

INVOICE

47574

DATE

9-28-21

PRESENTING CLINICAL SIGNS

Spike presented today as a referral for an abdominal ultrasound. The referring veterinarian noticed evidence of splenomegaly and possible micro hepatica and had some Liver enzyme elevations. Abnormal PE/Chem/CBC/UA Results: The Blood work showed: CBC: Anemia. HCT 35.6% (37-61%), HGB 12.4 (13.1-20.5), RBC 5.4 (5.6-8.8), Lym 0.95 (1.05-5.1) Chemistry: ALT 418 (10-125), ALKP 428 (23-212) The rest of the BW was wnl

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary system

The urinary bladder presents small amount amounts of hyperechoic sediment with an indicated distal shadow. Bladder wall is inconspicuous, trigone und pelvic urethra present normal findings without evidence of uroliths or sediment. Wall layering is intact on all views without focal or diffuse thickening. Ureters are not visualized and considered to be normal.

The prostate appears moderately enlarged with an irregular surface, an inhomogeneous echotexture and multiple small cysts.

Left kidney measures 4.82 cm length, right kidney 4.78 cm. Both show a clear corticomedullary transition with a hyperechoic medullary rim. Renal pelvises and exit to the ureters are unremarkable.

Adrenal glands

The left adrenal gland is asymmetrical with a mild thickening of the caudal pole measuring 0.54 cm and showing an ill-defined corticomedullary transition. The cranial pole measures 0.42 cm with a clearly defined corticomedullary definition.

The right adrenal gland is unremarkable.

Spleen

The spleen is moderately enlarged with rounding of its margins. The echotexture is mildly inhomogeneous. Transverse diameters measure 1.46 cm. Splenic vasculature presents normal course of vessels and unremarkable perfusion of the splenic veins.

There are no signs of nodular/focal changes are noted.

Liver/Gallbladder

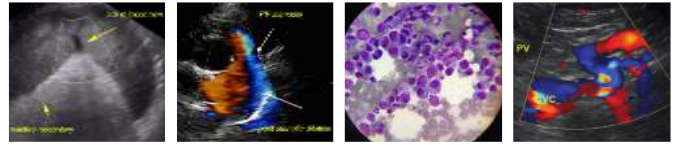
The liver shows rounding of the liver edges. Liver echogenic texture appears generally and moderately hyperechoic but is homogeneous. There are no signs of nodular/focal changes are noted.

Gallbladder is moderately filled presenting multiple iso- to hyperechoic smoothly marginated structures, partially attached and partially detached from the gallbladder wall. There is no cholestasis recognized. Bile appears mildly corpuscular.

Gastrointestinal

The stomach, the small intestine and colon present intact wall layers being normal in width and echogenicity. Adjacent mesentery and fat tissue are of normal appearance. No overt evidence of ileus and no signs of a florid or neoplastic process. Mesenteric lymph nodes are considered to normal.

Pancreas



PATIENT

Spike Quiles Sierra

All pancreatic parts displayed show isoechoic echogenicity to the surrounding omental fat. Signs of inflammatory changes or focal lesions are missing.

Free Abdomen

SPECIES

Canine

No peritoneal or retroperitoneal effusion. Abdominal fat and great vessels show no pathological findings.

ULTRASONOGRAPHIC FINDINGS

BREED

Schnauzer

Primary

- Mild hepatomegaly, hyperechoic hepatic echotexture
- Asymmetry left adrenal gland with enlargement of the caudal pole
- Biliary polyps and corpuscular bile

SEX

Male Intact

Secondary

- Moderate splenomegaly
- Moderate benign hyperplasia of the prostate
- Small amounts of cystic calculi urinary bladder

AGE

11 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasonographic findings of the liver could speak for a chronic liver disease and is commonly seen with fatty infiltration since there no signs of nodular or focal changes that are suspicious for neoplasia. Infiltrative disease cannot be ruled out. Ultrasound is not straight forward here, but I would rule out neoplasia and favor lipidosis.

WEIGHT

17 lbs

Changes of the gallbladder represent mild and chronic cholecystitis without signs of cholestasis. Polyps are suspected, initial/premature mucocele is possible, neoplasia is currently unlikely.

INTERPRETED BY

Sebastian Jawinski,
German Board Certified
Vet Specialist in
Diagnostic Imaging

Asymmetry of the left adrenal gland could represent hyperplasia due to pituitary-dependent hyperadrenocorticism, lipidosis of the liver would be a common, concomitant finding. FNA of the liver and ACTH stimulation could be performed next. Sonographic monitoring of the gallbladder and the adrenal glands is recommended (in 8 weeks). Early-stage neoplasia in both cannot be fully excluded.

IMAGING PERFORMED BY

Dr. Gabriel Ferrer
DVM

Splenomegaly is an unspecific finding and commonly is secondary to systemic inflammatory/infectious disease. Anemia would match with that finding, immune stimulation, chronic pancreatitis and infiltrative disease are possible. These must be correlated with the clinical presentation as well as the hyperplasia and multiple cysts of the prostate. Benign hyperplasia and prostatitis are often incidental in intact male dogs.

HOSPITAL NAME

Paseos Veterinary
Center

Urinary testing is recommended (sediment).

REFERRING VET

Dr. Damaris Rohena
Pizzarro

INVOICE

47574

DATE

9-28-21



PATIENT

Spike Quiles Sierra

SPECIES

Canine

BREED

Schnauzer

SEX

Male Intact

AGE

11 Years

WEIGHT

17 lbs

INTERPRETED BY

Sebastian Jawinski,
German Board Certified
Vet Specialist in
Diagnostic Imaging

**IMAGING
PERFORMED BY**

Dr. Gabriel Ferrer
DVM

HOSPITAL NAME

Paseos Veterinary
Center

REFERRING VET

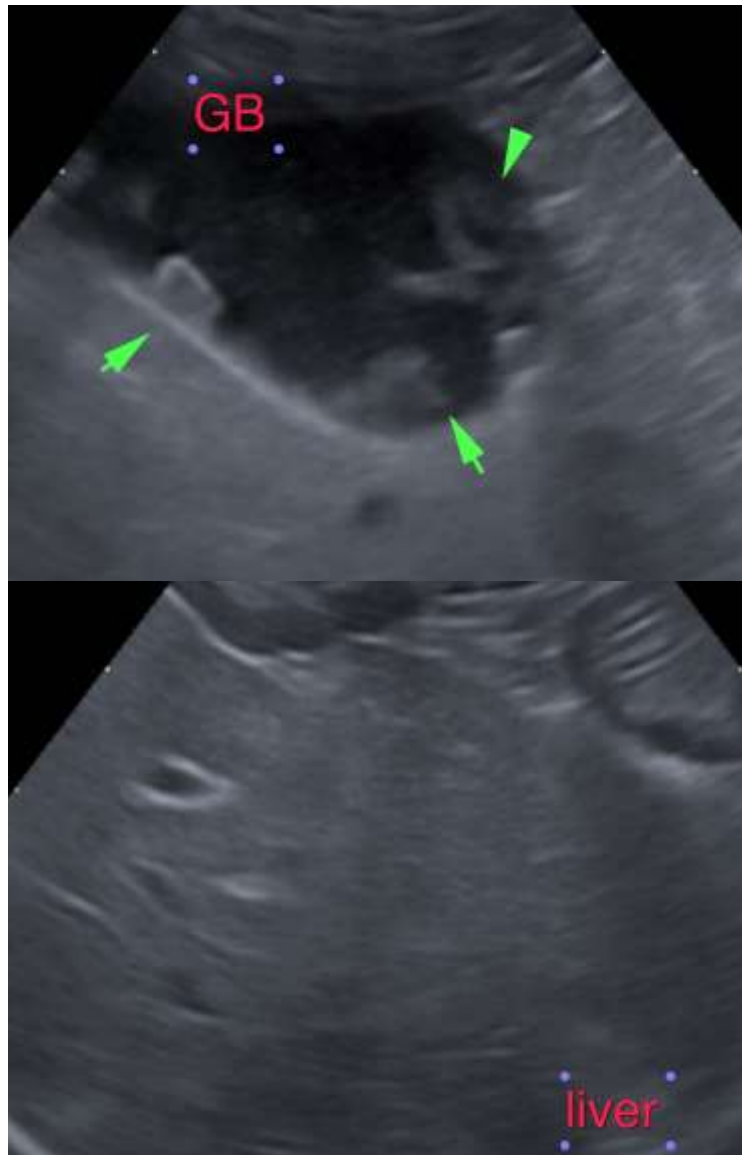
Dr. Damaris Rohena
Pizarro

INVOICE

47574

DATE

9-28-21





PATIENT

Spike Quiles Sierra

SPECIES

Canine

BREED

Schnauzer

SEX

Male Intact

AGE

11 Years

WEIGHT

17 lbs

INTERPRETED BY

Sebastian Jawinski,
German Board Certified
Vet Specialist in
Diagnostic Imaging

**IMAGING
PERFORMED BY**

Dr. Gabriel Ferrer
DVM

HOSPITAL NAME

Paseos Veterinary
Center

REFERRING VET

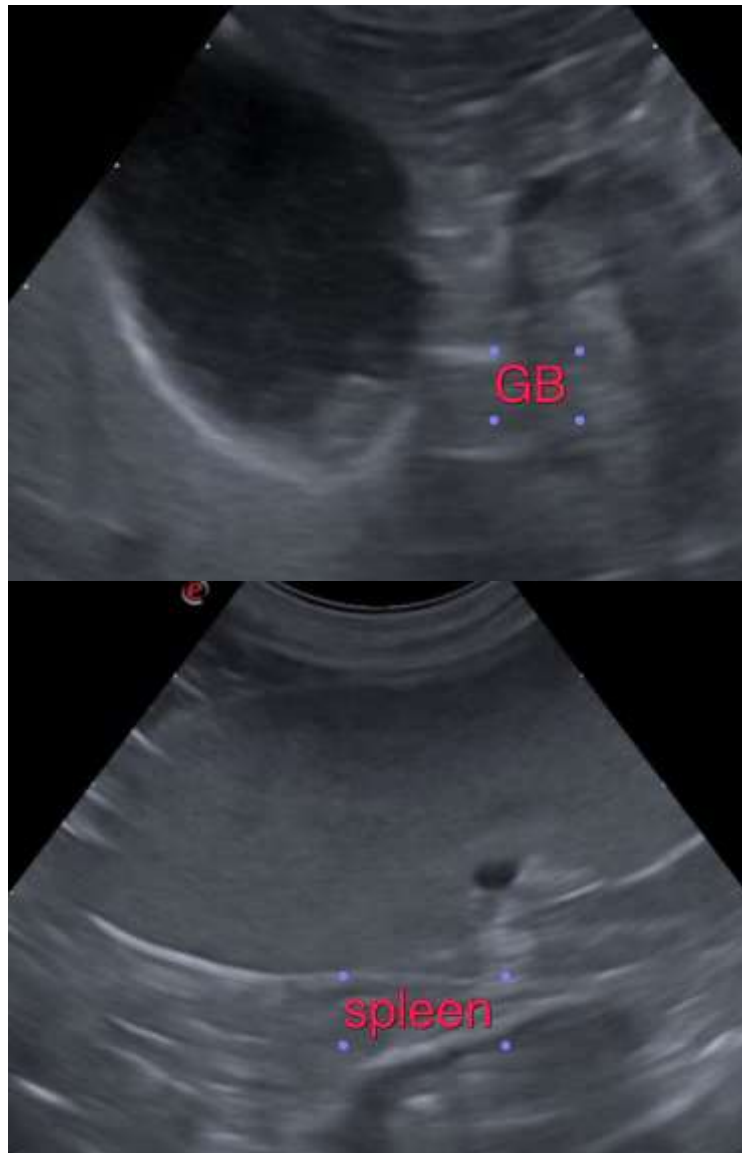
Dr. Damaris Rohena
Pizarro

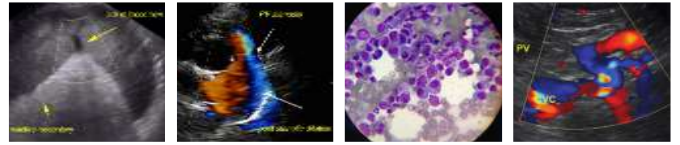
INVOICE

47574

DATE

9-28-21





PATIENT

Spike Quiles Sierra

SPECIES

Canine

BREED

Schnauzer

SEX

Male Intact

AGE

11 Years

WEIGHT

17 lbs

INTERPRETED BY

Sebastian Jawinski,
German Board Certified
Vet Specialist in
Diagnostic Imaging

**IMAGING
PERFORMED BY**

Dr. Gabriel Ferrer
DVM

HOSPITAL NAME

Paseos Veterinary
Center

REFERRING VET

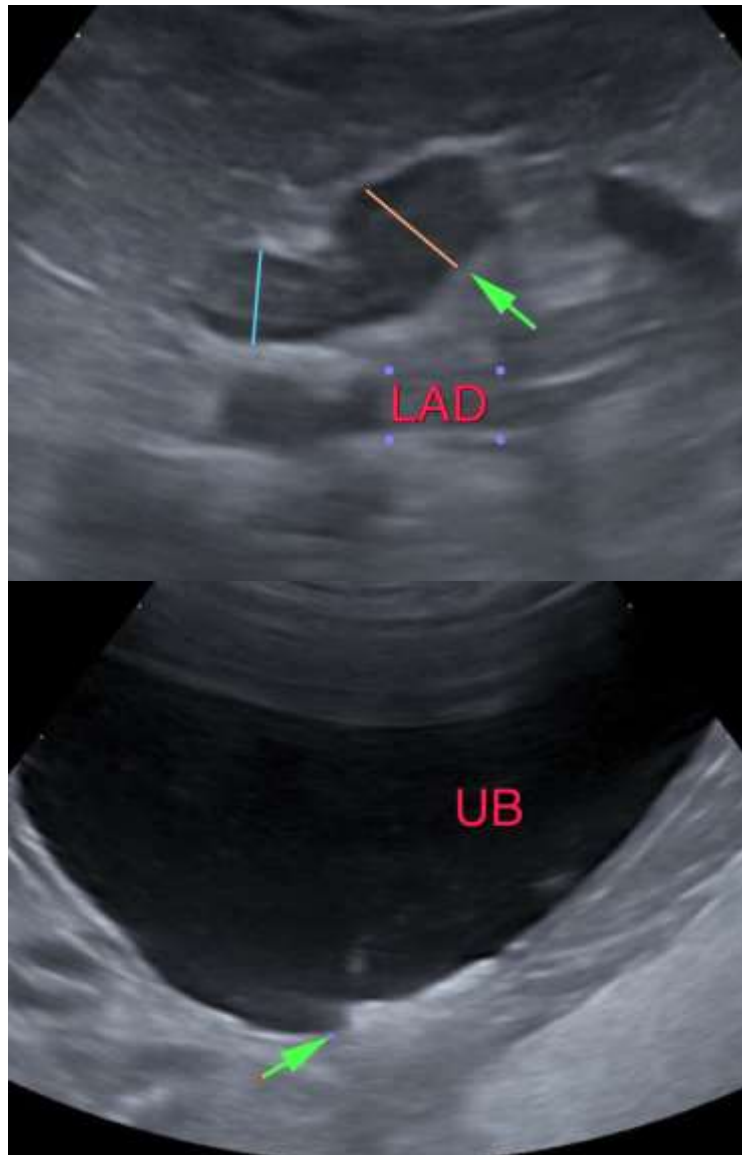
Dr. Damaris Rohena
Pizarro

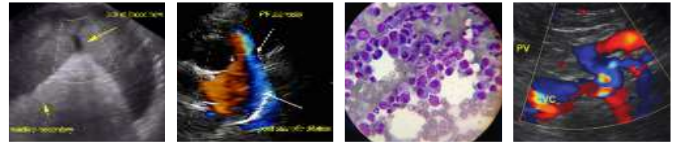
INVOICE

47574

DATE

9-28-21





PATIENT

Spike Quiles Sierra

SPECIES

Canine

BREED

Schnauzer

SEX

Male Intact

AGE

11 Years

WEIGHT

17 lbs

INTERPRETED BY

Sebastian Jawinski,
German Board Certified
Vet Specialist in
Diagnostic Imaging

**IMAGING
PERFORMED BY**

Dr. Gabriel Ferrer
DVM

HOSPITAL NAME

Paseos Veterinary
Center

REFERRING VET

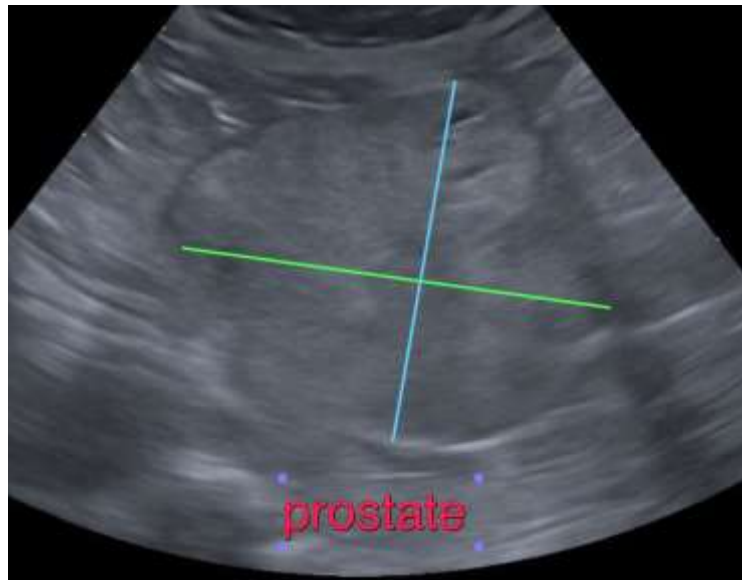
Dr. Damaris Rohena
Pizarro

INVOICE

47574

DATE

9-28-21



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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
info@sonopath.com