



PATIENT

Ray Kirchoffner

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Spayed Female

AGE

9 Years

WEIGHT

15.8 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP(CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

VCA Westmoreland
Animal Hospital

REFERRING VET

Dr. Smith

INVOICE

15911

DATE

05/07/26

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: Rey has a problem with chronic vomiting; blood work has not been submitted yet other than her PT/PTT which appears to be normal. Her physical exam is unremarkable other than a firm "mass" felt mid abdomen. ABNORMAL Labwork Values PT/PTT - normal Current Medications Cerenia has been given for several days Radiographic Findings Radiologist Findings Three plain radiographic images are available for review consisting of right lateral, left lateral and VD projections of the abdomen. There is an oval shaped soft tissue opacity mass cranial to the left kidney, seen on the VD projection. There is good intraabdominal serosal detail. The hepatic silhouette is normal without evidence of enlargement. The small bowel is unremarkable with no evidence of pathological distension. The colon contains heterogeneous fecal material and is unremarkable. The stomach is normal in size. The kidneys are visible and unremarkable. The spleen is normal in size and margins. The urinary bladder is visible in the caudoventral abdomen and unremarkable. Assessment - Oval shaped soft tissue opacity mass cranial to the left kidney seen on the VD projection. The origin of this is unclear. Consider a mass of splenic origin, pedunculated liver mass, adrenal mass etc. (Figure 1)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized, and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.64 cm in length. The right kidney measured 4.1 cm in length.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.82 cm x 0.63 cm width at the cranial pole and 0.52 cm width at the caudal pole. The right adrenal gland measured 1.52 cm x 0.72 cm width at the cranial pole and 0.53 cm width at the caudal pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver



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The **liver** presented mildly swollen with slight increased portal markings. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The **gastric** wall was significantly thickened with loss of mural detail measuring up to 1.1 cm. variable other areas of gastrointestinal thickening were noted. Regional lymphadenopathy was present with mucosal speckling.

Pancreas

The **pancreas** was obscured by overlying lymphadenopathy.

Free Abdomen

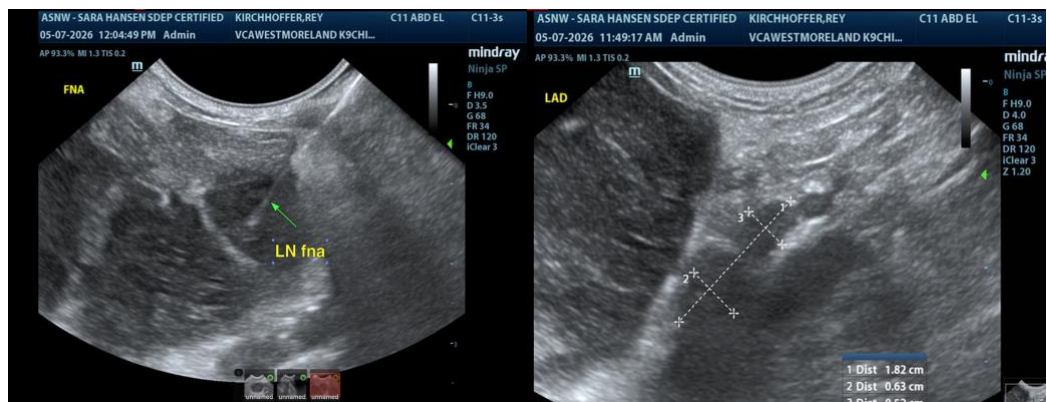
A mixed hypoechoic undifferentiated **mass** deriving from the pancreas or distorted infiltrated lymph node was noted and measured 3.0 cm. Significant inflammation was noted throughout the cranial abdomen.

ULTRASONOGRAPHIC FINDINGS

- Multicentric lymphadenopathy and gastric infiltrative pattern with regional inflammation- strong concern for round cell neoplasia.
- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound guided FNA was performed without complication. Gi protectants and supportive care is warranted. Immediate chemotherapeutic intervention is recommended based on cytology results.





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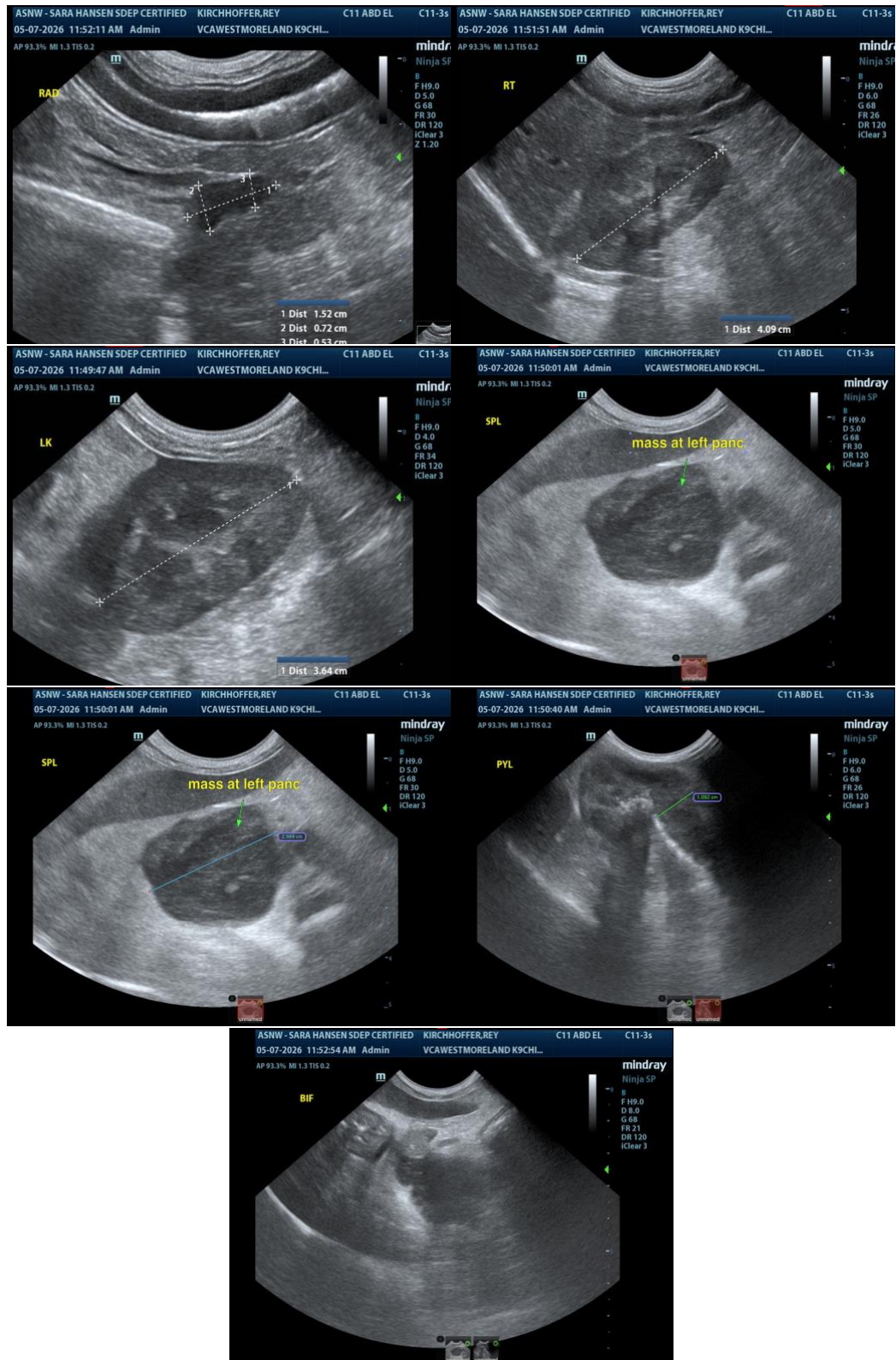
Dr. Smith

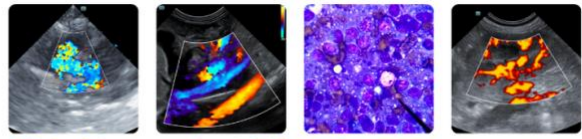
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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CEO, Owner, Founder -- SonoPath.com

info@SonoPath.com

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