



PATIENT

Snickers Franco

SPECIES

Canine

BREED

Goldendoodle

SEX

Spayed Female

AGE

10 Years 8 Months

WEIGHT

57 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Vincent Ravancho, CVT

HOSPITAL NAME

Whippany Veterinary
Hospital

REFERRING VET

Dr. Cheri Smith

INVOICE

74341

DATE

4/9/26

PRESENTING CLINICAL SIGNS

Weight Loss (67# in Feb 2025), now 57# with no change in diet. Clinical findings - lethargy, decreased appetite. Rads - abnormal abd and abnormal heart. r/o splenic mass, liver mass, heart base tumor

Abnormal PE/Chem/CBC/UA Results: Pending labwork

ULTRASONOGRAPHIC EXAMINATION OF THE HEART & ABDOMEN

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	1.0	--	31	59	0.2
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	144	1.5	0.9	--	3.5	3.05	--

E-wave velocity = 0.9

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. The cranial and caudal **mitral** valve leaflets presented normal linear structure, extension in systole, and union in diastole with normal kinesis. The **left ventricle** presented thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinesis. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonary outflow** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted. The cranial **mediastinum and pericardial and extra-cardiac** regions were free of masses in the visible window.



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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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

The **kidneys** presented irregular contour, multifocal infarcts with pericapsular inflammatory pattern and moderate degenerative changes. Right kidney measured 7.73 cm. Left kidney measured 5.2 cm.

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. Right measured 0.65 cm at the cranial pole and 0.65 cm at the caudal pole. Left measured 0.44 cm at the cranial pole and 0.57 cm at the caudal pole.

Spleen

The **spleen** was irregular, enlarged and hypoechoic with nodular changes. The spleen measured up to 4.0 cm in width. Free fluid noted and enhanced mesentery. The cranial pole of the spleen revealed overt splenic masses.

Liver

The **liver** presented mild swollen, irregular contour with slight areas of free fluid between liver lobes. The gallbladder was unremarkable.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

Other

Large amount of abdominal fat noted in this patient.

Enhanced nodular mesentery noted in the abdomen with areas of free fluid.

ULTRASONOGRAPHIC FINDINGS

- Normal echocardiogram, no evidence of pathology.
- Splenic +/- hepatic infiltrative pattern with secondary free fluid.
- Renal infarcts.



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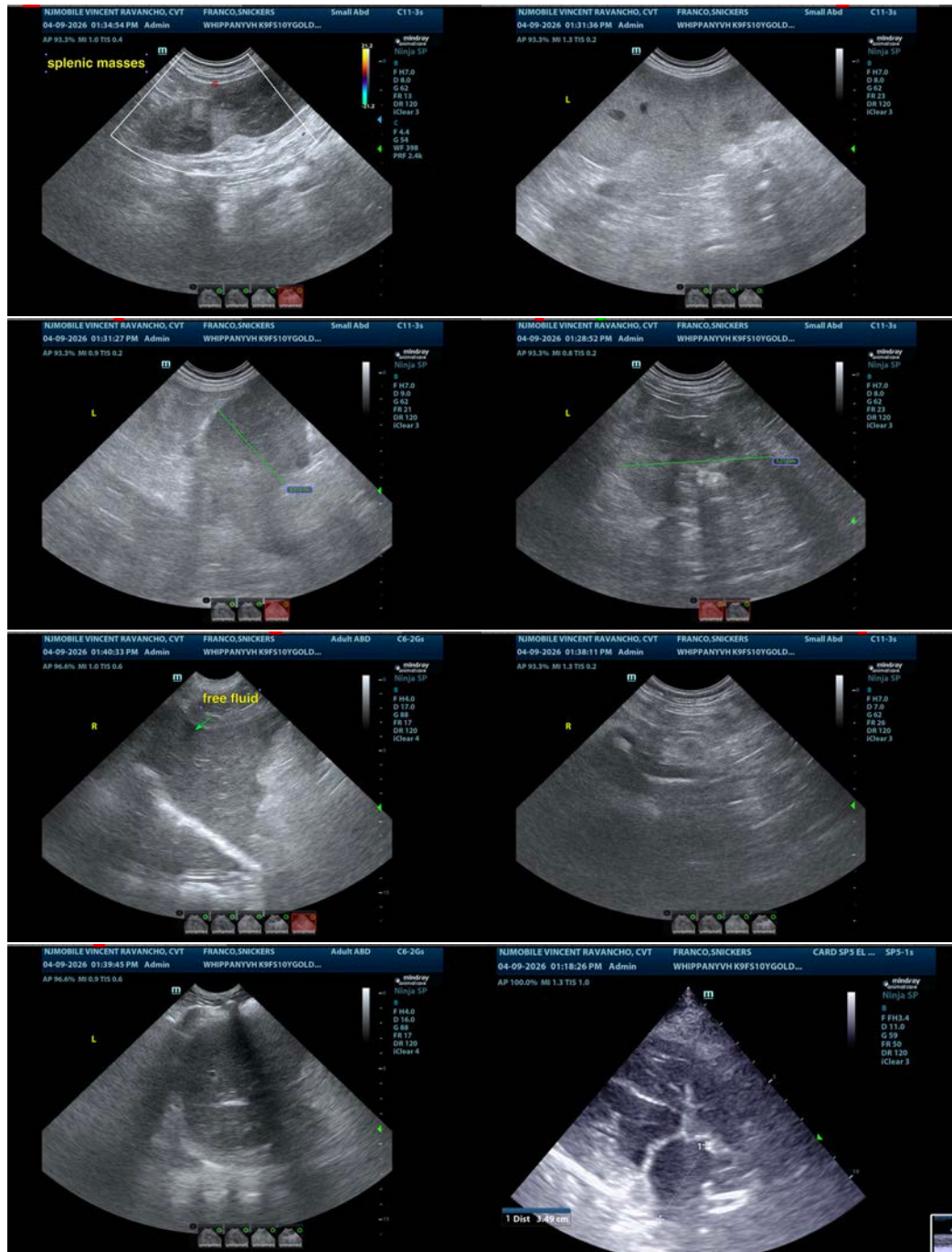
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Coagulation panel and FNA of the spleen and liver indicated with ultrasound guided abdominocentesis and cytospin. Prognosis is extremely guarded. Chest radiographs warranted if not already performed.





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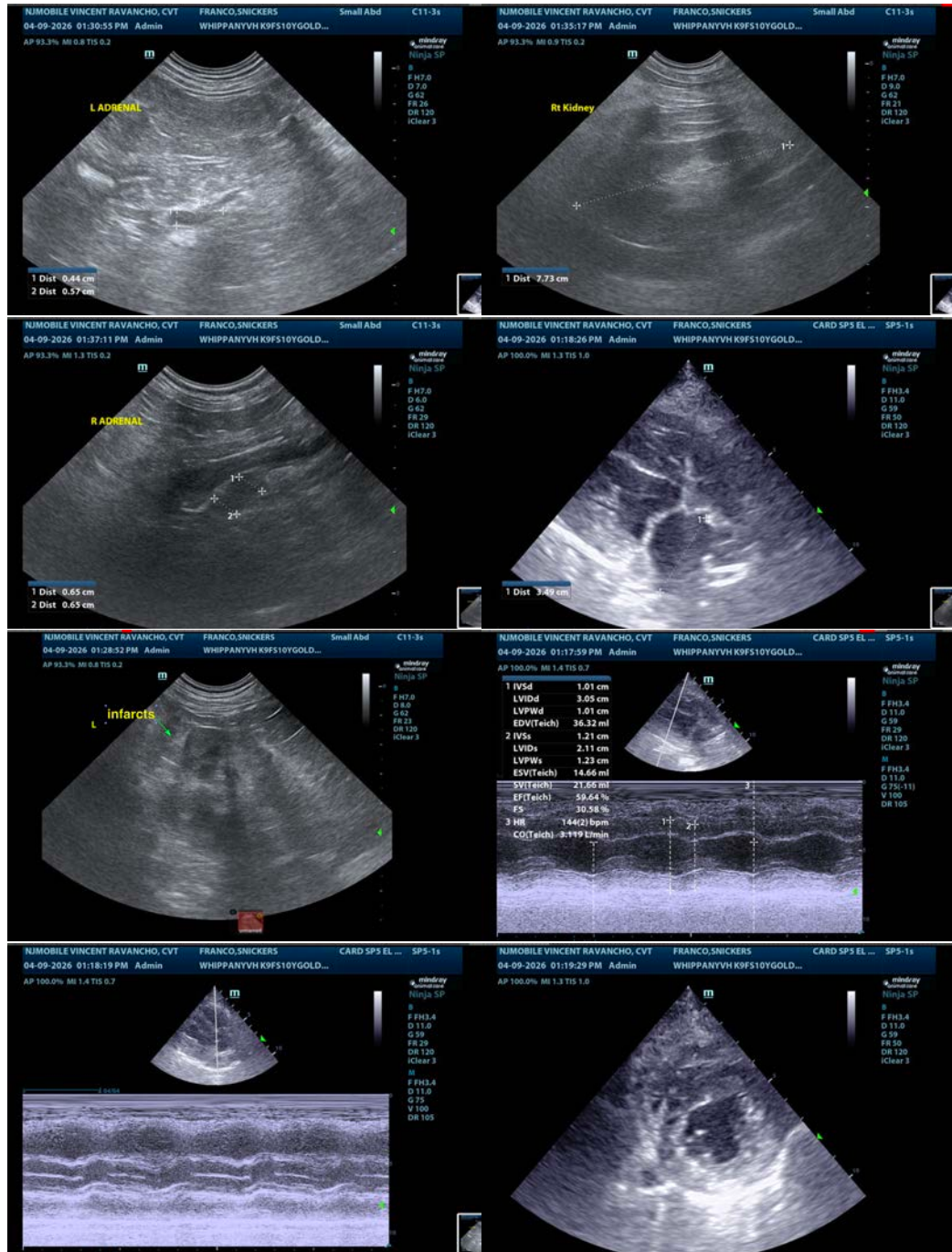
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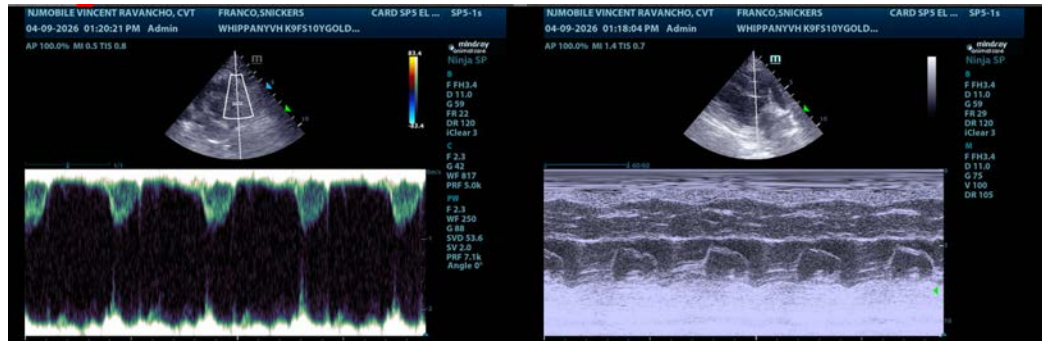
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,
 CEO, Owner, Founder -- SonoPath.com
info@SonoPath.com