


PATIENT PRESENTING CLINICAL SIGNS

Bailey Gonzalez Heart Murmur IV / VI Hx of seizure 6/2020
 Abnormal PE/Chem/CBC/UA Results: Mild AST ^ (71)

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Canine

BREED

Beagle X

SEX

Spayed Female

AGE

12 Years

WEIGHT

22.2 Pounds

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	5.5		1.0	1.5	44	76	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D short axis Base view (cm)	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	138	0.71	1.27		3.16	3.34	

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. Chamber volumes and echogenicity were normal. The cranial and caudal **mitral** valve leaflets presented vegetative thickening consistent with endocardiosis. Doppler indicated measurable insufficiency. 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. **Aortic** velocity noted at 1.52 m/sec. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** insufficiency noted, minor. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** 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. No echographically detectable evidence of infiltrative disease was visible. The cranial **mediastinum** and **pericardial** regions were free of masses in the visible window.

ULTRASONOGRAPHIC FINDINGS

- Stage B1 valvular disease, compensated

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No volume overload. Blood pressure measurements recommended. No therapy recommend at this time. Recheck echo in 6 months, earlier if murmur grade increases or clinical signs initiate.

INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Pompton Lakes AH

REFERRING VET

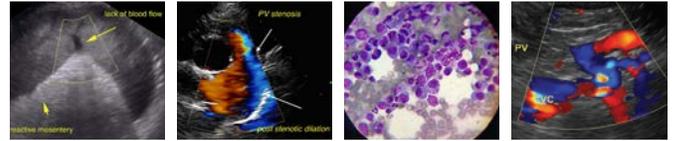
Dr. Giammanco

INVOICE

24529

DATE

8/11/21



PATIENT

Bailey Gonzalez

SPECIES

Canine

BREED

Beagle X

SEX

Spayed Female

AGE

12 Years

WEIGHT

22.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Pompton Lakes AH

REFERRING VET

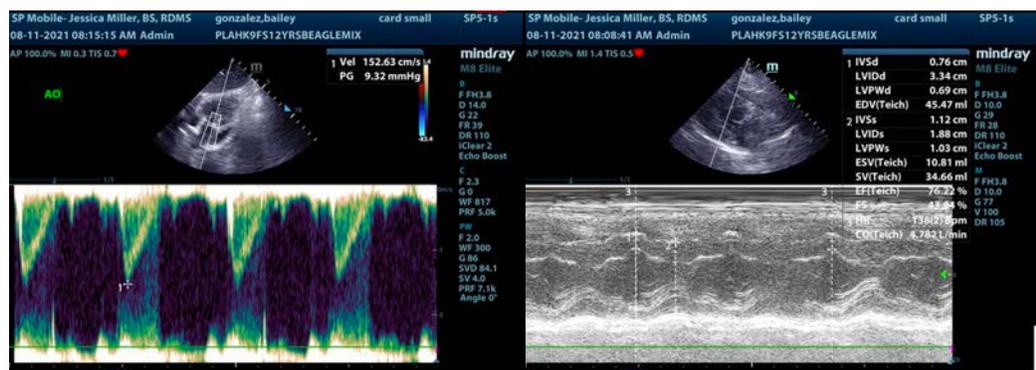
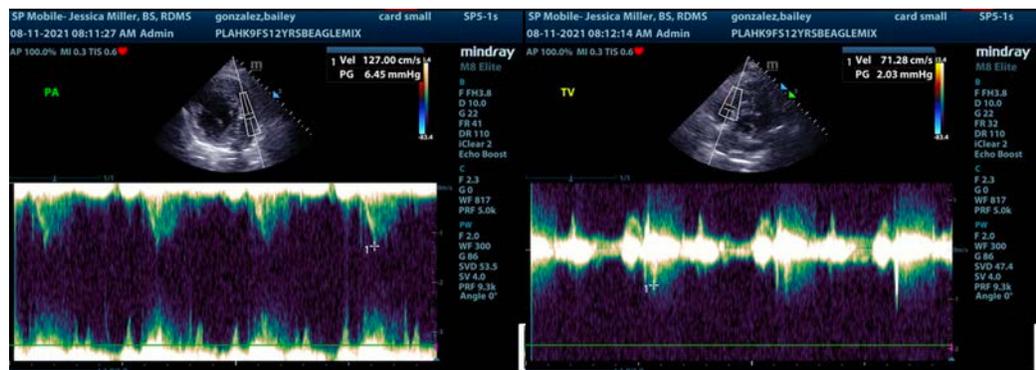
Dr. Giammanco

INVOICE

24529

DATE

8/11/21





PATIENT

Bailey Gonzalez

SPECIES

Canine

BREED

Beagle X

SEX

Spayed Female

AGE

12 Years

WEIGHT

22.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Pompton Lakes AH

REFERRING VET

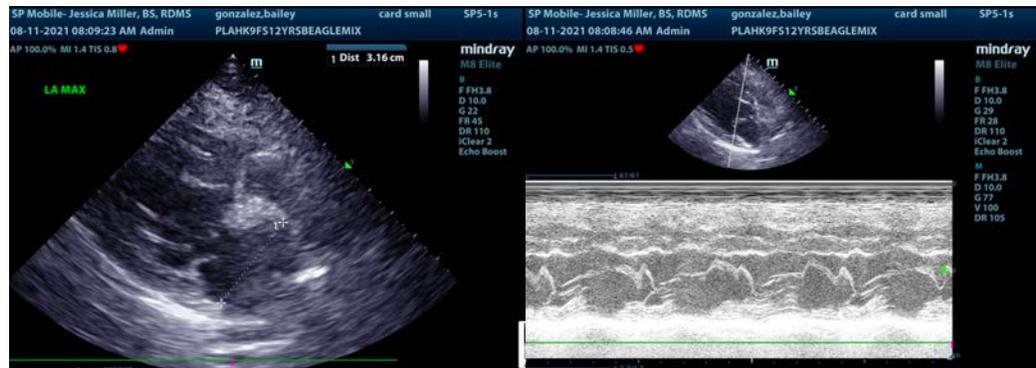
Dr. Giammanco

INVOICE

24529

DATE

8/11/21



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com