



PATIENT

Paris Stachnick

SPECIES

Canine

BREED

Asutralian Shepherd

SEX

Spayed female

AGE

12 years

WEIGHT

17 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Hackettstown AH

REFERRING VET

Dr. Nause

PRESENTING CLINICAL SIGNS

- Recheck echo from 1/8/2026 (report attached for reference), occasional cough
- Seen last pm at Eclipse for worsening cough.
- Rad report noted mild cardiomegaly; mild bronchointerstitial pattern; transient esophageal distension (3 view thoracic rads attached for reference)
- Current Medications: Enalapril 5mg bid; Vetmedin 2.5mg bid; Lasix
- 1/15/2026 BW all normal

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented mitral and tricuspid insufficiency with occasional arrhythmia. No significant volume overload was noted in the left atrium or left ventricle. Slight prolapse of the anterior mitral valve leaflet was noted. The right atrium and auricle revealed normal size, structure and content. No evidence of masses was noted. 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.

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO	LA/AO (Heart Base)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	5.1	2.8	NM	1.8	24	49	0.1
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	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	BELOW	BELOW	BELOW	BELOW
PATIENT	76	1.02	0.71	17 lbs	3.17	3.44	

ULTRASONOGRAPHIC FINDINGS

Compensated mitral insufficiency under current protocol of Pimobendan, Enalapril and Lasix.

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DATE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cough is non-cardiogenic at this time. Primary respiratory protocol is recommended based on chronic bronchial changes noted on radiographs. Bronchodilator, broad spectrum antibiotics and cough suppressant should be considered. A recheck echocardiogram is recommended in 6 months or earlier if clinical signs progress or murmur grade increases.



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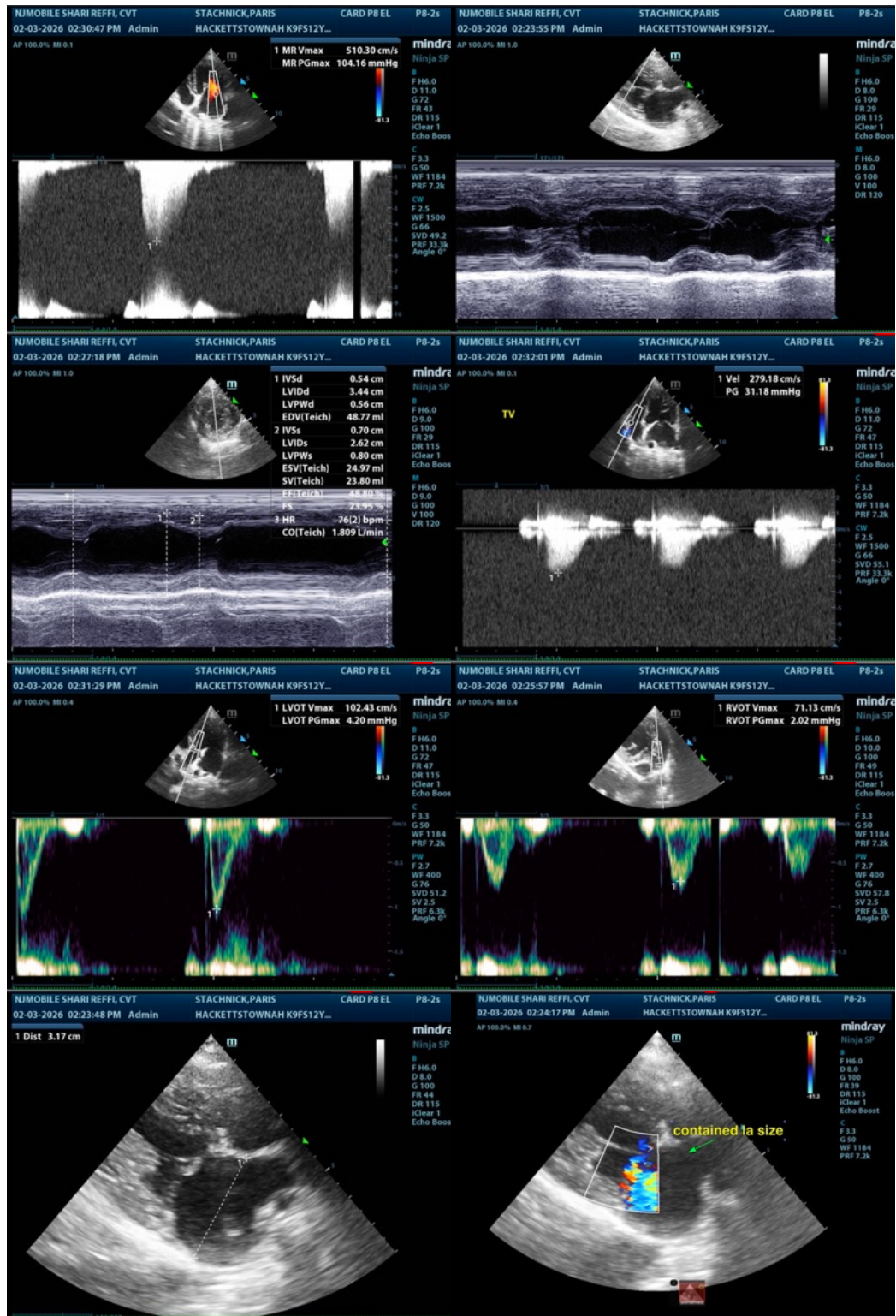
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com

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