



PATIENT

Momma Jack

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

13 years

WEIGHT

10.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Heather

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET

Dr. Hargadon

INVOICE

69965

DATE

1/9/26

PRESENTING CLINICAL SIGNS

History: recent increase in asthma attacks, daily now. chronic cough - r/o feline asthma, allergic bronchitis, upper respiratory infection BP - 120 after giving iv sedation prednisilone now gabapentin prior to scan
12/31/25 - TC02 - 23(hi), PROBPNP (hi) 697

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated a volume contracted heart. **Mitral** valve insufficiency was noted. 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 or chamber overload. **Tricuspid** insufficiency was noted in this patient. 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 or extra cardiac pathology in the visible planes. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

FELINE CARDIAC PARAMETERS	BODY WEIGHT	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	10.2 lbs	210	0.5	1.1	0.4	50	90
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
PATIENT	1.0	1.3	1.4		2.0	1.0	NM
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

ULTRASONOGRAPHIC FINDINGS

Volume contracted heart, no evidence of cardiac disease responsible for the clinical signs.

Mitral and tricuspid valves revealed minor, trivial insufficiency. Not a clinical issue.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of cardiac disease that is responsible for the clinical signs. Primary respiratory protocol is recommended in this patient based on radiographic findings.



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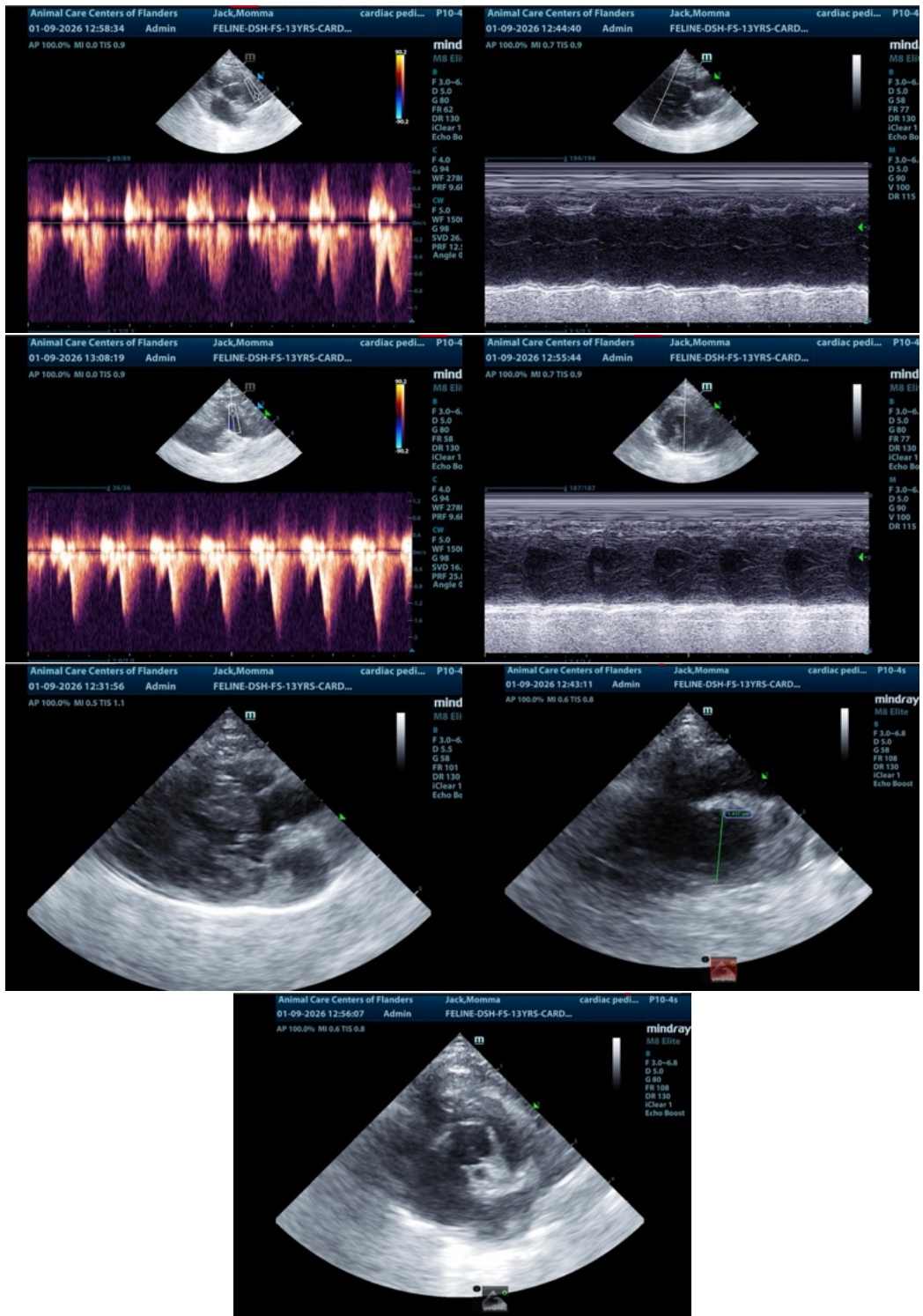
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology



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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 of SonoPath.com

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