



PATIENT

Beverly Hammoud

SPECIES

Feline

BREED

Scottish Fold

SEX

Female

AGE

1 year

WEIGHT

3.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Khan

HOSPITAL NAME

The Veterinary Surgery

REFERRING VET

Dr. Khan

INVOICE

78190

DATE

6/1/26

PRESENTING CLINICAL SIGNS

History: Beverly presented with abdominal breathing, responded well to furosemide and bronchodilators, now stable, wants to rule out cardiac issues, no murmur.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated mildly volume contracted **left atrium**. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics.. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. 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** valvular assessment demonstrated adequate linear morphology and kinetics. 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 (kg)	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	3.4 kg	180	0.4	1.3	0.45	30	NM
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	NM	0.9	1.3		NM	NM	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

Normal echocardiogram



PATIENT

Beverly Hammoud

SPECIES

Feline

BREED

Scottish Fold

SEX

Female

AGE

1 year

WEIGHT

3.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Khan

HOSPITAL NAME

The Veterinary Surgery

REFERRING VET

Dr. Khan

INVOICE

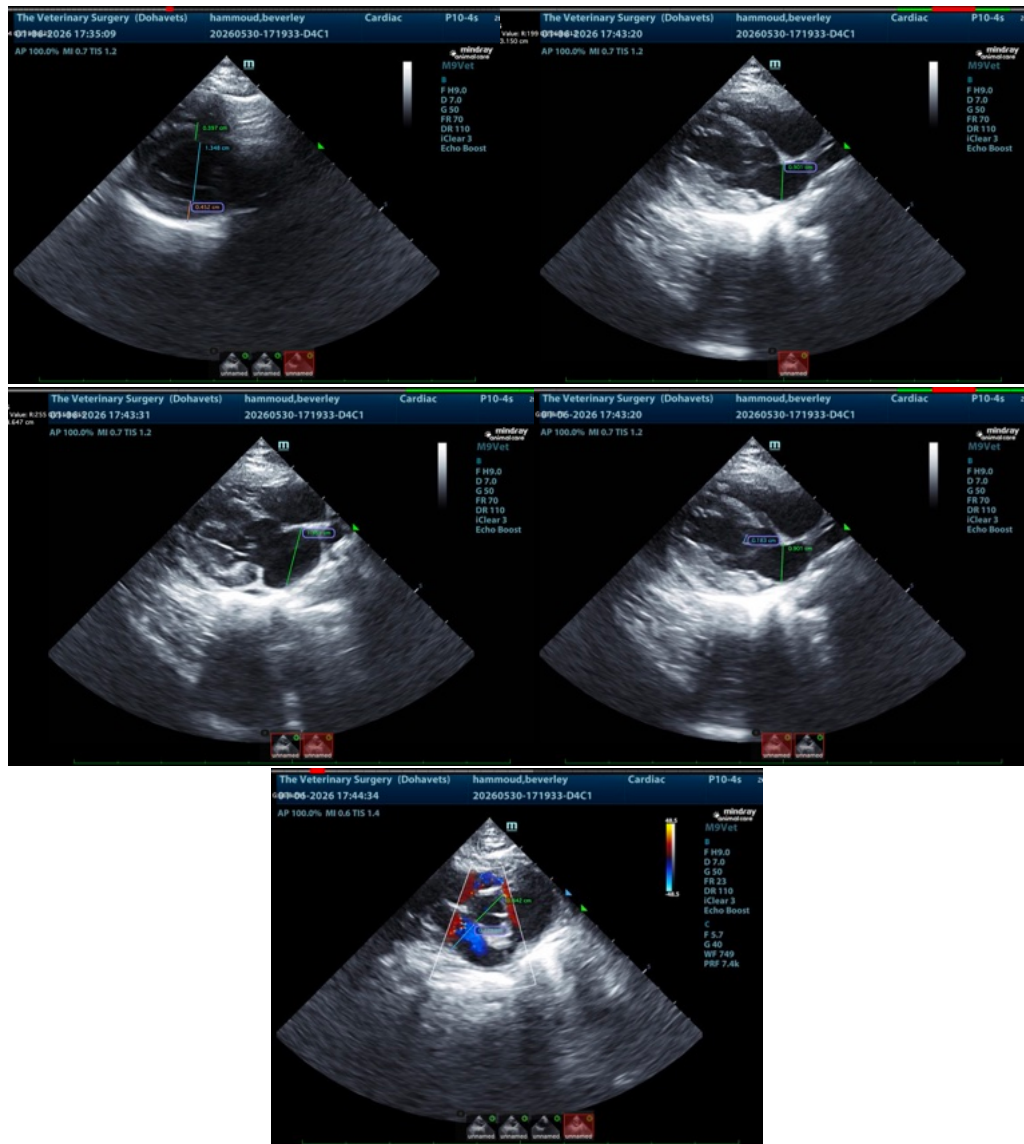
78190

DATE

6/1/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of primary cardiac disease. Other disease processes of the lung fields that respond to Lasix should be considered. There was no evidence of primary cardiac disease in this patient. Primary respiratory protocol is recommended based on the clinical signs and radiographs.



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 of SonoPath.com



PATIENT

info@SonoPath.com

Beverly Hammoud

SPECIES

Feline

BREED

Scottish Fold

SEX

Female

AGE

1 year

WEIGHT

3.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Khan

HOSPITAL NAME

The Veterinary Surgery

REFERRING VET

Dr. Khan

INVOICE

78190

DATE

6/1/26