

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Belvedere Cheek
Patient is not clinical. Doing well for age. Grade 4 systolic murmur noted on routine exam. No other significant findings on physical. Heart Rate and Respiratory Rates Heart rate 180. Resp rate 24. Blood Pressure Measurements 124

SPECIES Feline
Abnormal PE/Chem/CBC/UA Results: Stage 2 renal disease. Non-proteinuric. Non-hypertensive. BP 124 on 4/14/21 will repeat on day of echo. proBNP 869

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED	FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
DSH	NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
SEX	PATIENT		189	0.43	1.25	0.47	47	83
Neutered Male	FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Sisson)	LA 2D 4-chamber long axis AS to FW (Sisson) (cm)		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)
AGE	NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7		<1.6	<1.3	40-60
15 Years	PATIENT		1.53	1.29		1.0	0.7	NM
WEIGHT	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							
9.5 Pounds								

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

Albany AH

REFERRING VET

Dr. Glaze

DATE

8/24/21

INVOICE

24883

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. **Mitral** insufficiency noted on color flow doppler. The **left ventricle** presented sectorial hypertrophy and myocardial remodeling. Contractility and internal volume appeared to be maintained. 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.

ULTRASONOGRAPHIC FINDINGS

- Mitral insufficiency, minor
- Myocardial remodeling and sectorial hypertrophy, not clinically significant



PATIENT

Belvedere Cheek

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Blood pressures and thyroid levels should be monitored periodically in this patient. No therapy recommended at this time. Recheck echo in 6 - 12 months, earlier if murmur grade increases.

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

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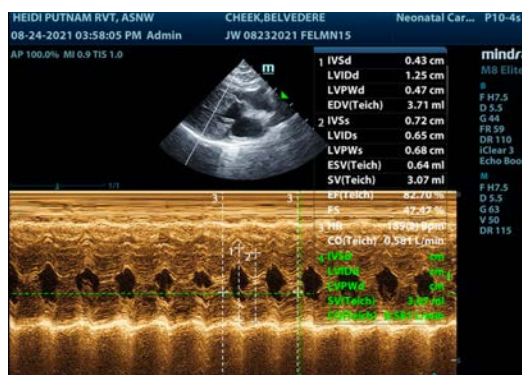
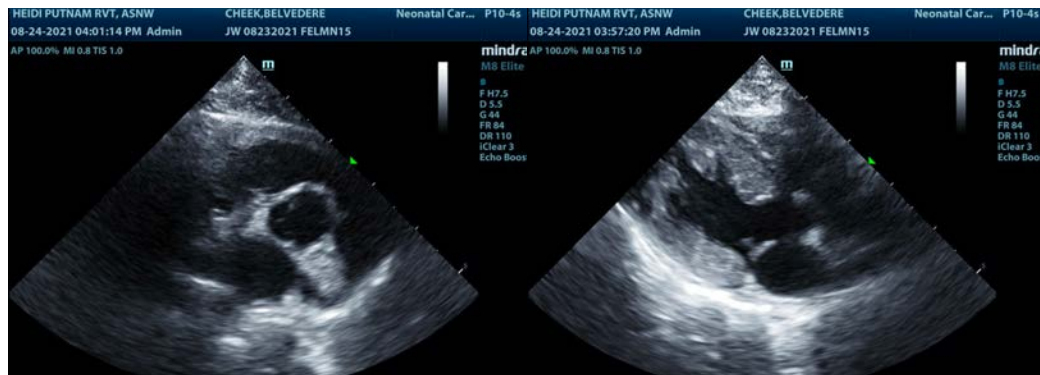
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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

BREED

DSH

CEO of Sonopath.com

Eric.Lindquist@SonoPath.com

SEX

Neutered Male

AGE

15 Years

WEIGHT

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