



PATIENT

Carly Kondziolka

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

13 years

WEIGHT

11.68 lbs

PRESENTING CLINICAL SIGNS

2 to 3/6 heart murmur. Mild increase in upper respiratory sounds /mild URI Blood Pressure Measurements 131/113 (115) HR 183 148/99 (125) HR174 148/99 (127) HR 168 151/93 (118) HR 169 146/102 (115) HR 165 Average: 149/97 (123) HR 170 Current Medications Amoxicillin for upper respiratory tract infection is mild Primary Question/Differential to Be Answered in This Exam cause of murmur and is Anesthesia okay

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. Trivial **mitral** valve insufficiency was noted in this patient at 3 m/sec. 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. **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 and angles of the myocardium. 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.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Santa Clara AH

REFERRING VET

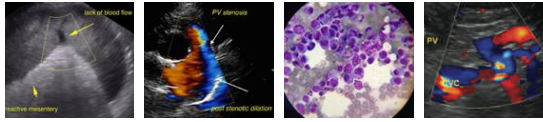
Dr. Giddens

DATE

5/11/22

Invoice
30281

| 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 | | 194 | 0.48 | 1.27 | 0.47 | 75 | 97 |
| 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/) | |
| NORMAL PARAMETER | <1.5 | 0.88-1.79 | 0.7-1.7 | <1.6 | <1.3 | 40-60 | |
| PATIENT | 1.36 | 1.4 | 1.2 max | 1.0 | 1.02 | 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 | | | | | | | |



PATIENT **ULTRASONOGRAPHIC FINDINGS**

Carly Kondziolka Largely flow murmur.

Trivial mitral insufficiency.

SPECIES Structurally and functionally normal heart.

Feline

BREED INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Domestic Shorthair There are no contraindications to anesthetic procedure if necessary. Assessment for systemic volume shifts are warranted.

SEX Benign flow murmurs are common in cats. This may be owing to volume shifts, tachycardia, benign (DRVOTO) right ventricular outflow changes, trivial turbulence in any of the valvular apparatuses, or possibly excessive stethoscope pressure against the chest according to a recent study These are physiologically benign and unrelated to specific pathology.

Spayed Female

AGE

13 years

WEIGHT

11.68 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Santa Clara AH

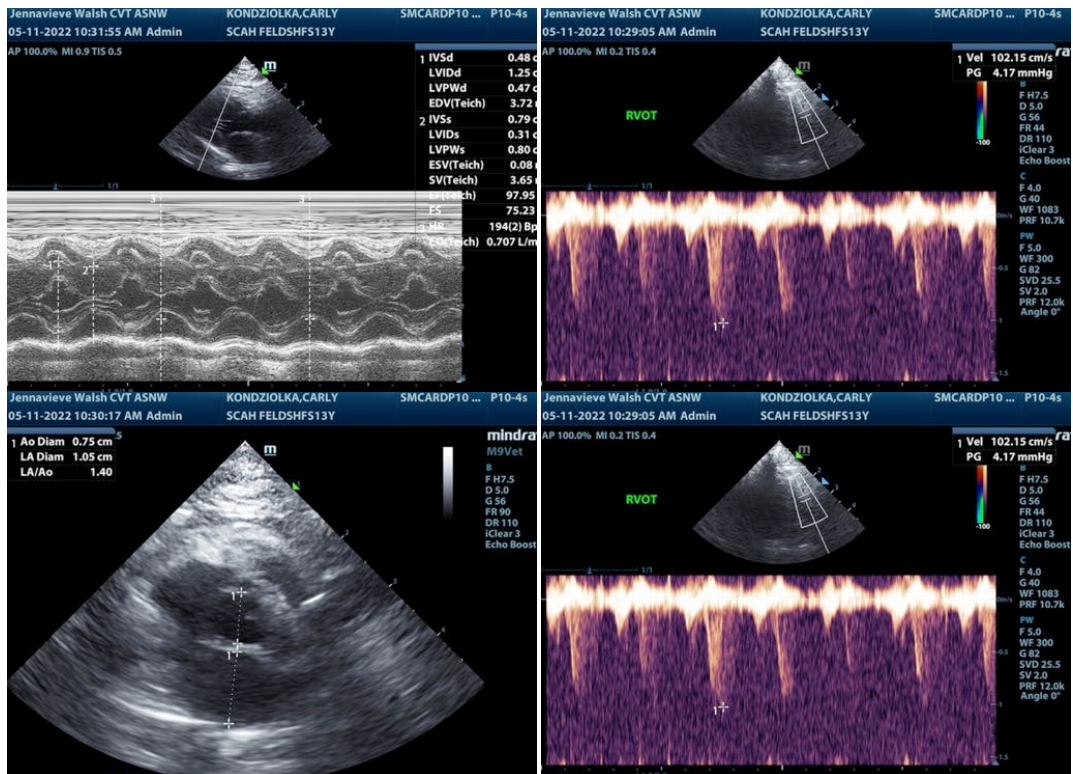
REFERRING VET

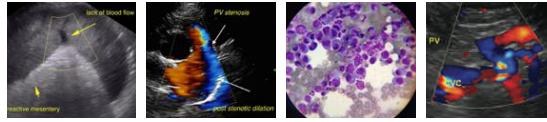
Dr. Giddens

DATE

5/11/22

Invoice
30281





PATIENT

Carly Kondziolka

SPECIES

Feline

BREED

Domestic Shorthair

SEX

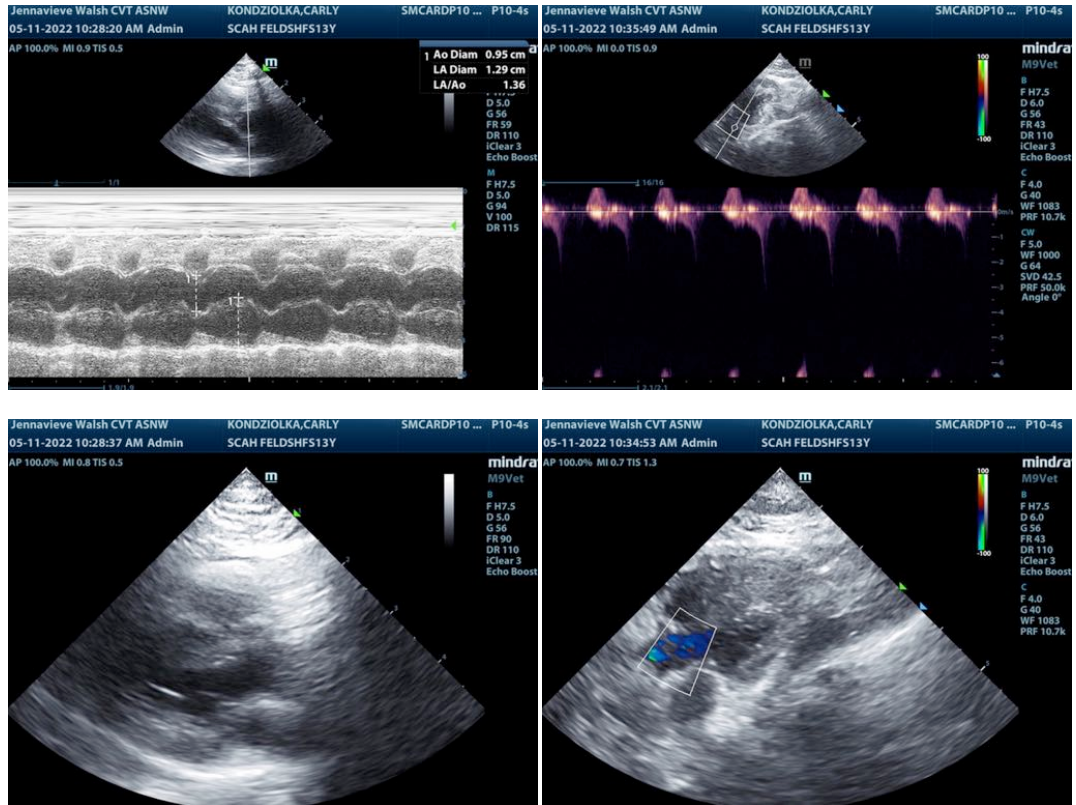
Spayed Female

AGE

13 years

WEIGHT

11.68 lbs



INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Santa Clara AH

REFERRING VET

Dr. Giddens

DATE

5/11/22

Invoice
30281

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

Eric.Lindquist@SonoPath.com