

PATIENT PRESENTING CLINICAL SIGNS

Pippi Kincaide History: Gallop rhythm noted. anesthesia candidate?
Abnormal PE/Chem/CBC/UA Results:

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Canine

BREED	CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
Chihuahua	NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
SEX	PATIENT	5.62	2.93	1.15	1.09	43	77	0.2
AGE	CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	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)
Spayed Female								
11 Years	NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
	PATIENT	191	1.00	0.80	--	1.65	1.56	--

WEIGHT

7.86 Pounds

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. Chamber volumes and echogenicity were normal. The cranial and caudal **mitral** valve leaflets presented vegetative thickening consistent with endocardiosis. Doppler indicated measurable insufficiency. The **left ventricle** presented 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 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** insufficiency noted. 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. No echographically detectable evidence of infiltrative disease was visible. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

HOSPITAL NAME

Cottage Grove VC

REFERRING VET

Dr. Damewood

ULTRASONOGRAPHIC FINDINGS

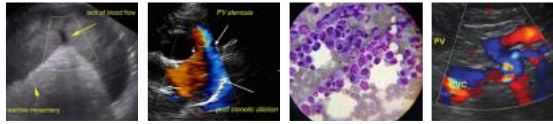
INVOICE NUMBER

13264

- Stage B1 valvular disease

DATE

9/24/21



INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

PATIENT

Pippi Kincaide

No significant anesthetic risk. Torbutrol (premed), propofol (induction) and isoflurane (maintenance) recommended as suggested protocol. Recheck echo in 6 months or earlier if murmur grade increases or if clinical signs initiate.

SPECIES

Canine

BREED

Chihuahua

SEX

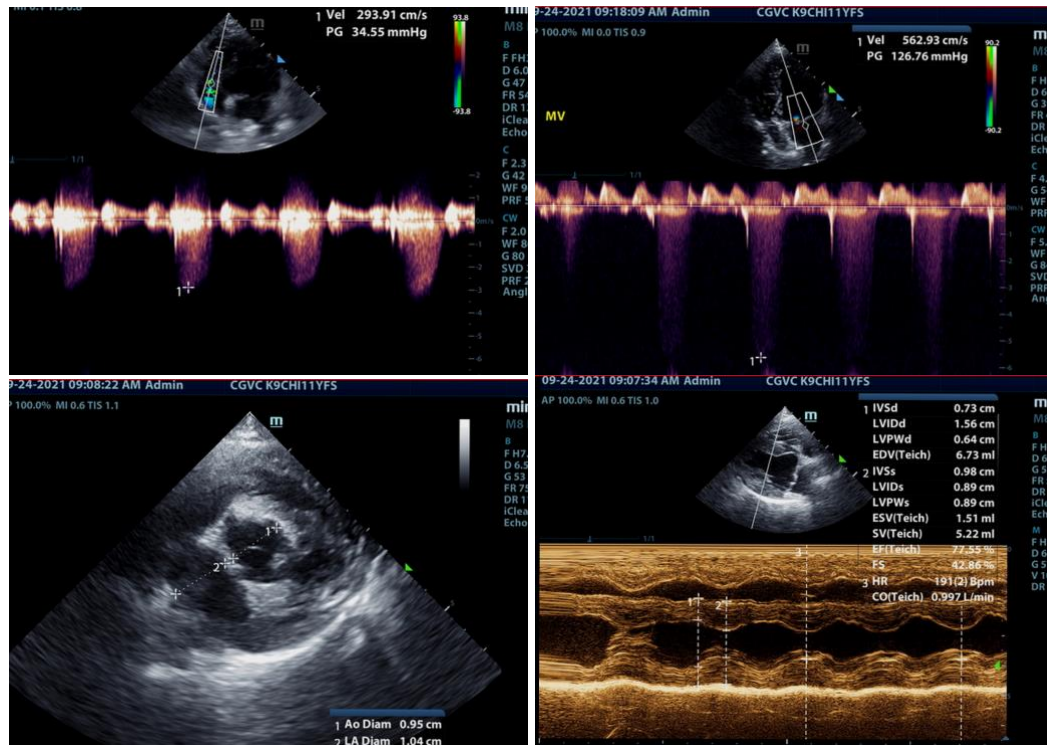
Spayed Female

AGE

11 Years

WEIGHT

7.86 Pounds



INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUS

HOSPITAL NAME

Cottage Grove VC

REFERRING VET

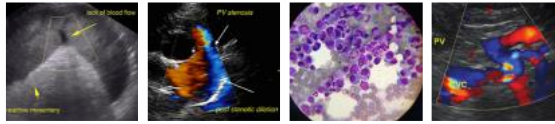
Dr. Damewood

INVOICE NUMBER

13264

DATE

9/24/21



PATIENT

Pippi Kincaide

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

11 Years

WEIGHT

7.86 Pounds

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

HOSPITAL NAME

Cottage Grove VC

REFERRING VET

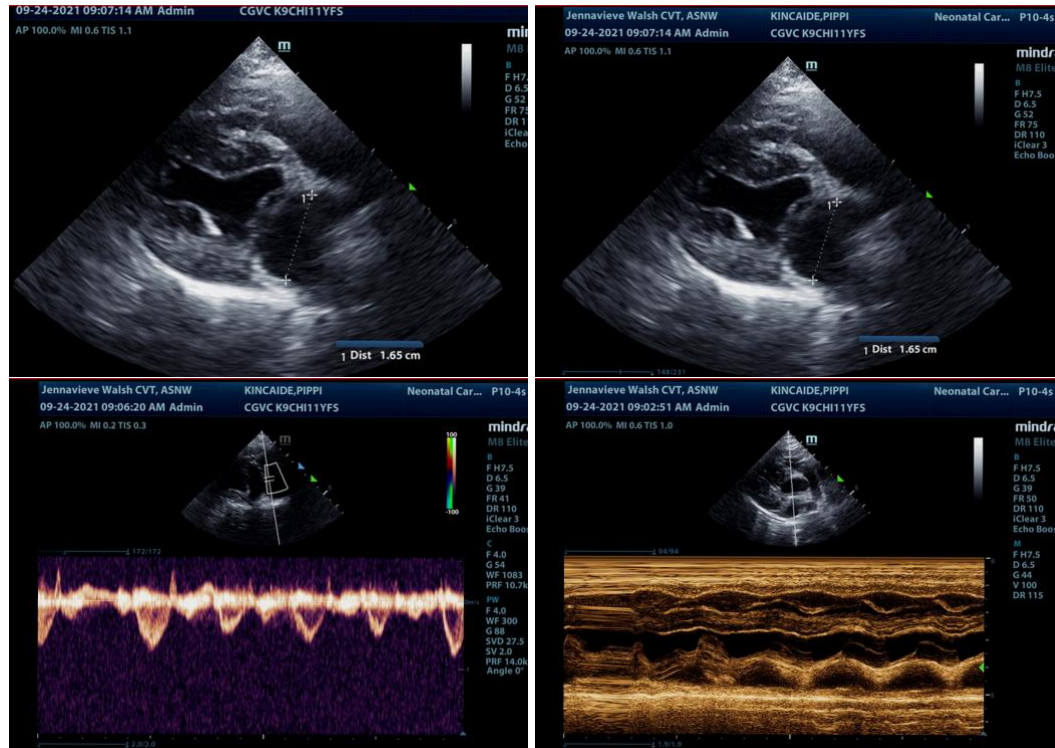
Dr. Damewood

INVOICE NUMBER

13264

DATE

9/24/21



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.

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