
PATIENT

Charlie Phipps

SPECIES

Canine

BREED

Boxer

SEX

Neutered male

AGE

9 years

WEIGHT

68.3 lbs

INTERPRETED BY

 Eric Lindquist, DMV,
 DABVP, Cert. IVUSS,
 CEO of SonoPath.com

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

 Westwood Regional
 VH

REFERRING VET

Dr. Goldman

INVOICE

31895

DATE

7/25/22

PRESENTING CLINICAL SIGNS

History: Patient with recent history of left-sided failure and myocardial insufficiency (diagnosed on 7/18/22) presents for recheck echo. Owner reports patient is doing a lot better, no more coughing, is eating and acting normal. BP s today: 170/73 (105) 237, 171/93 (119) 232, 203/67 (125) 223, 191/92 (120) 208, 166/92 (120) 209, 179/88 (116) 209.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented significant improvement in the left sided volume overload as well as improved contractility. Mitral and myocardial insufficiency was noted. Arrhythmogenic activity was significant. The right atrium and right ventricle are well maintained. The aortic and pulmonic outflow velocities were adequate.

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	5.5		NM	1.9	19-36	66	0.6
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	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)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
PATIENT	135	1.32	1.18	68.3 lbs		4.17	

ULTRASONOGRAPHIC FINDINGS

Significantly improved mitral and myocardial insufficiency.

Arrhythmogenic activity, likely a form of Boxer cardiomyopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend continuation of the current therapy. However, anti-hypertension is warranted to maximize the ace inhibitor therapy given the hypertension noted. However, part of this may be owing to the excitement. Holter monitor would be warranted to assess for anti-arrhythmic therapy. I recommend ensuring Quadro therapy is complete with Lasix, Spironolactone, ace inhibitor and Pimobendan. A recheck echocardiogram is recommended in 1-3 months depending on clinical status. Criteria for DCM is not evident.

*The variable contractility is likely induced by the arrhythmia noted.



PATIENT

Charlie Phipps

SPECIES

Canine

BREED

Boxer

SEX

Neutered male

AGE

9 years

WEIGHT

68.3 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

**IMAGING
PERFORMED BY**

Kelly Vazquez, CVT

HOSPITAL NAME

Westwood Regional
VH

REFERRING VET

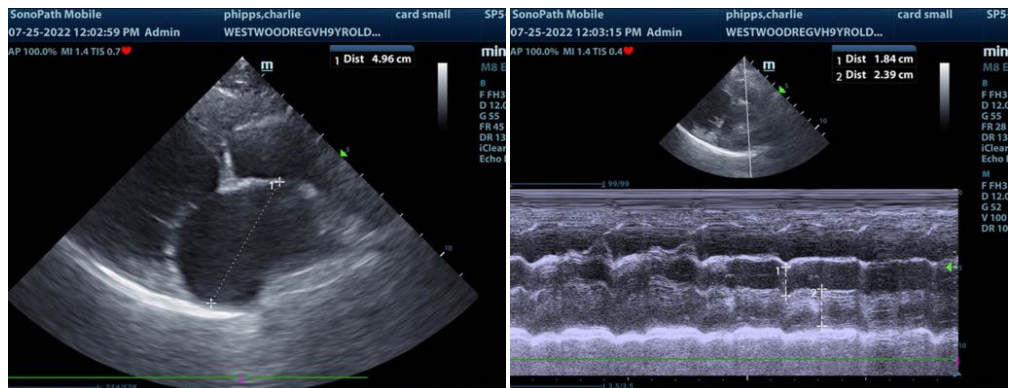
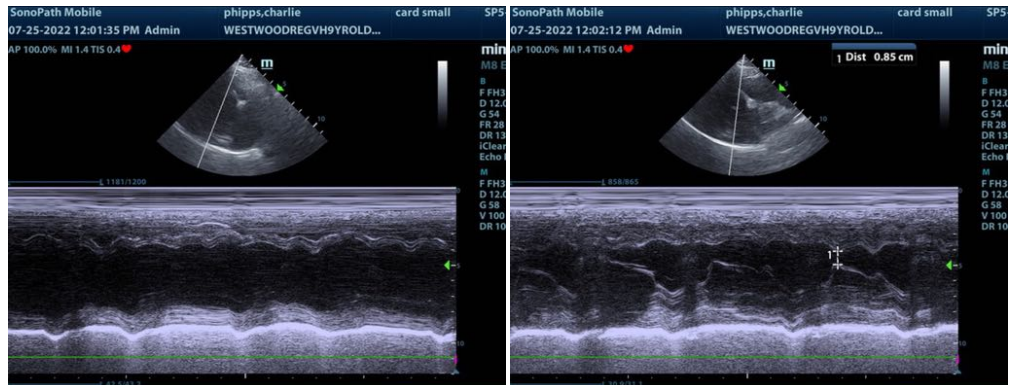
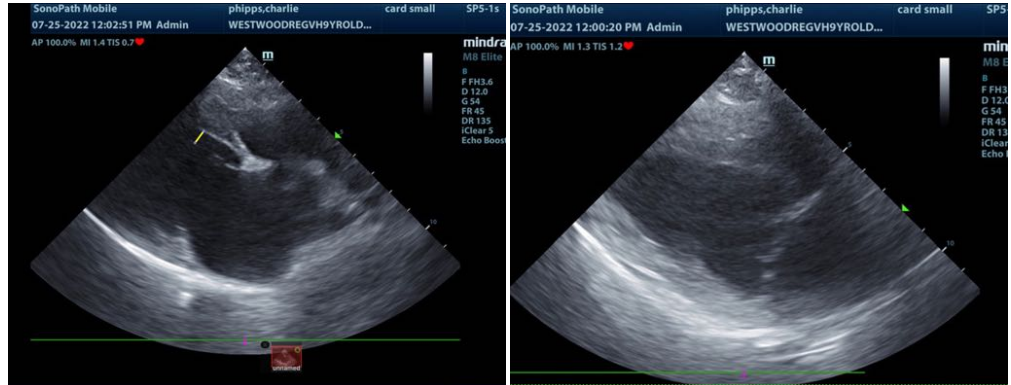
Dr. Goldman

INVOICE

31895

DATE

7/25/22





PATIENT

Charlie Phipps

SPECIES

Canine

BREED

Boxer

SEX

Neutered male

AGE

9 years

WEIGHT

68.3 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

**IMAGING
PERFORMED BY**

Kelly Vazquez, CVT

HOSPITAL NAME

Westwood Regional
VH

REFERRING VET

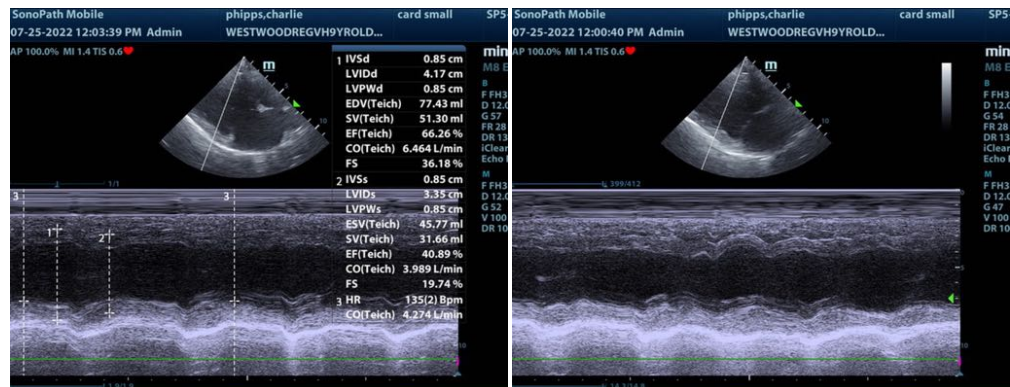
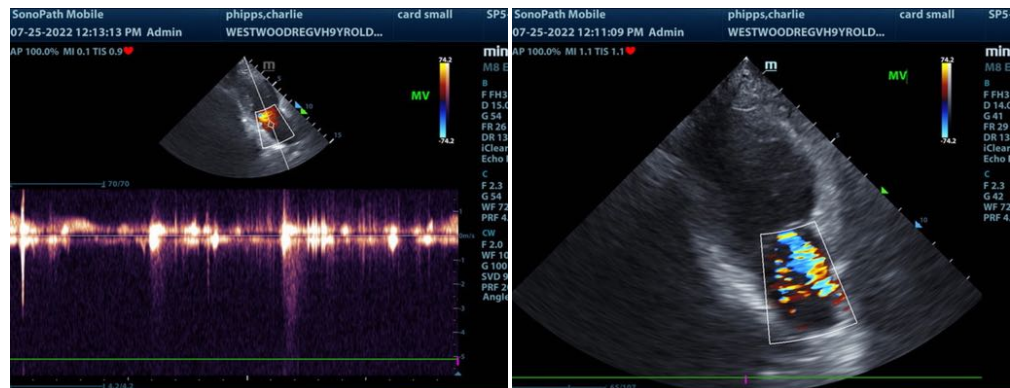
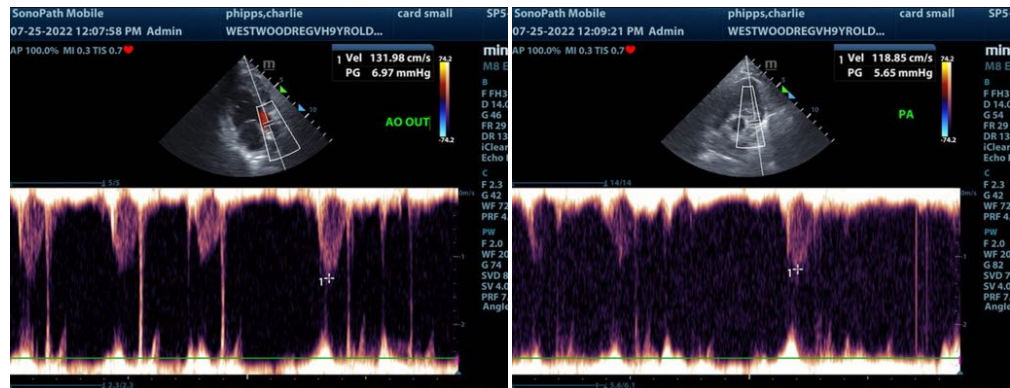
Dr. Goldman

INVOICE

31895

DATE

7/25/22

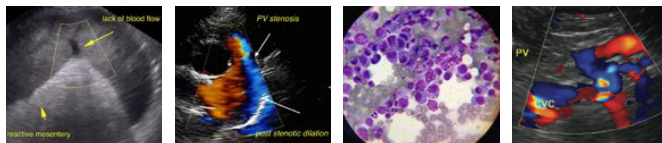


The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Info@SonoPath.com



PATIENT

Charlie Phipps

SPECIES

Canine

BREED

Boxer

SEX

Neutered male

AGE

9 years

WEIGHT

68.3 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

**IMAGING
PERFORMED BY**

Kelly Vazquez, CVT

HOSPITAL NAME

Westwood Regional
VH

REFERRING VET

Dr. Goldman

INVOICE

31895

DATE

7/25/22