

PATIENT

Dexter Carle

SPECIES

Canine

BREED

Mixed/Large
Hound/Beagle

SEX

Neutered Male

AGE

10

WEIGHT

32.6

INTERPRETED BY

Camden Rouben DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Lauren Sikorski

HOSPITAL NAME

Animal Internal
Medicine

REFERRING VET

Dr. Lauren Sikorski

INVOICE

16456

DATE

06/08/26

PRESENTING CLINICAL SIGNS

Presented for collapse. Cardiomegaly. On homecooked diet.

Abnormal PE/Chem/CBC/UA Results: No murmur auscultated.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	>4.0	>3.0	2.98	--	--	--	0.55
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 4 Chamber	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				
PATIENT	155	--	--	14.8	--	5.71	4.06

Cardiac Presentation

Based off of the images provided, the mitral valve leaflets are significantly thickened with moderate mitral regurgitation posteriorly directed. There is moderate prolapse of the mitral valve leaflets. The left atrial size is significantly increased. The left ventricular internal dimensions during diastole are increased and systolic function is mildly decreased. There is normal right atrial size with moderate tricuspid regurgitation. There is mild prolapse of the tricuspid valve leaflets. The right ventricle subjectively appears normal in structure and function. The aortic valve has normal morphology. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

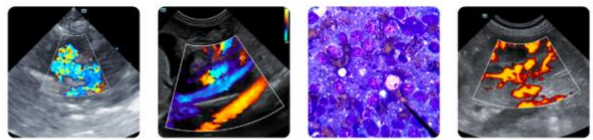
ULTRASONOGRAPHIC FINDINGS

- Degenerative valve disease ACVIM stage B2.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pimobendan at 0.25 to 0.3 mg/kg by mouth is recommended. This will be lifelong therapy. A recheck echocardiogram is recommended in four to six months to monitor the condition since starting Pimobendan. A 6 to 12 lead EKG +/- a 24-hour Holter monitor is recommended to consider the cause of the collapse. A recheck echocardiogram by a boarded cardiologist should be considered to further assess specific echocardiographic parameters for pulmonary hypertension should be considered.

A full CBC, chemistry, urinalysis and thyroid panel should be performed in this patient. A blood



PATIENT

Dexter Carle

SPECIES

Canine

BREED

Mixed/Large
Hound/Beagle

SEX

Neutered Male

AGE

10

WEIGHT

32.6

INTERPRETED BY

Camden Rouben DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Lauren Sikorski

HOSPITAL NAME

Animal Internal
Medicine

REFERRING VET

Dr. Lauren Sikorski

INVOICE

16456

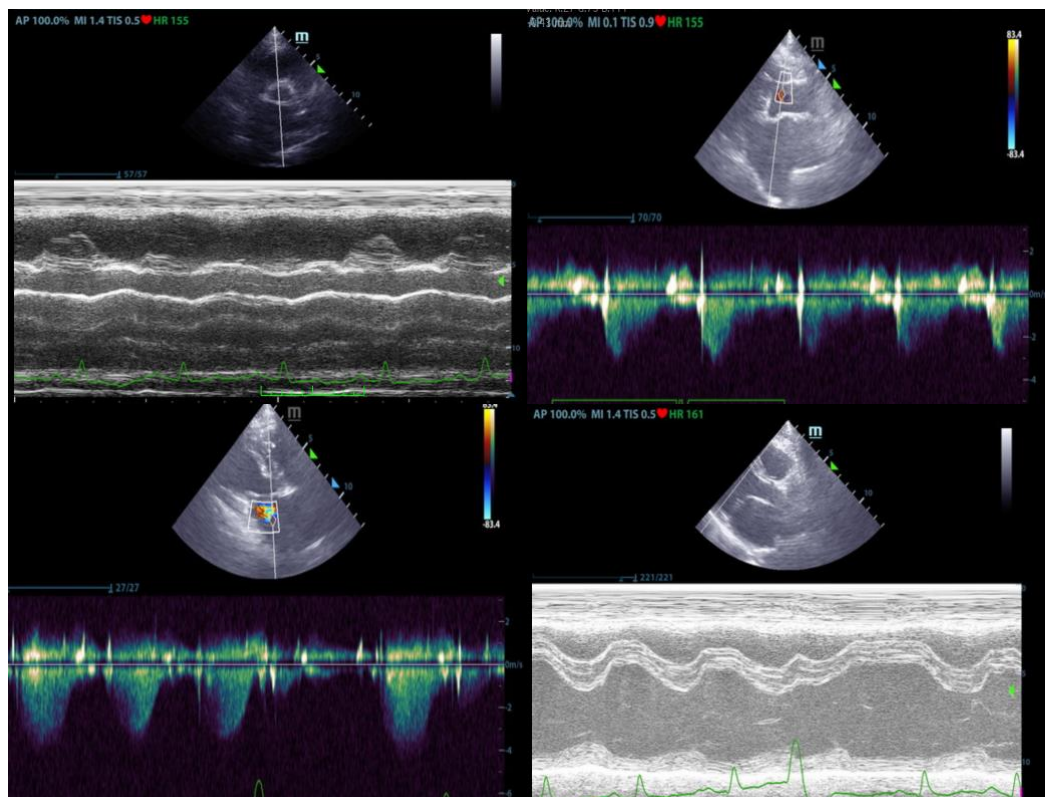
DATE

06/08/26

pressure assessment should be performed in this patient to assure the blood pressure is less than 160 mmHg. Three view thoracic radiographs should be performed in this particular patient to rule out cardiogenic pulmonary edema or congestive heart failure.

The client should start monitoring resting respiratory rate and effort if not already doing so at home. The resting respiratory rate should be less than 35 to 40 breaths per minute when the patient is resting or sleeping. If the breathing rates are increasing, then thoracic radiographs are recommended.

General anesthesia should not be performed in this particular patient until this patient is proven to be not in congestive heart failure at this point in time. Medications like dexmedetomidine and other alpha-2 agonists are best avoided. Ketamine is best avoided.

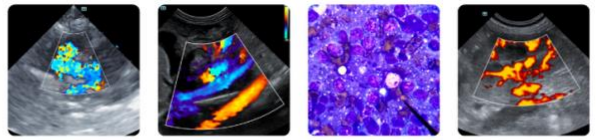


The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Camden Rouben DVM, DACVIM (Cardiology)

info@SonoPath.com



PATIENT

Dexter Carle

SPECIES

Canine

BREED

Mixed/Large
Hound/Beagle

SEX

Neutered Male

AGE

10

WEIGHT

32.6

INTERPRETED BY

Camden Rouben DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Lauren Sikorski

HOSPITAL NAME

Animal Internal
Medicine

REFERRING VET

Dr. Lauren Sikorski

INVOICE

16456

DATE

06/08/26