

PATIENT

Rue Johnston

SPECIES

Canine

BREED

Dachshund Cross

SEX

Spayed female

AGE

6 years

WEIGHT

13 kg

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Aldershot AH

REFERRING VET

Dr. Patton

INVOICE

74720

DATE

4/22/26

PRESENTING CLINICAL SIGNS

History: New heart murmur, low grade murmur auscultated, concerns for degenerative mitral valve disease due to age and breed. Want to assess for anesthetic safety in future. Only meds are flea and tick meds monthly.

Abnormal PE/Chem/CBC/UA Results: N/A

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The left atrium is normal in dimension. The left ventricle is normal in dimension with normal systolic function. The right atrium and ventricle are normal in dimension with normal systolic function. The anterior and posterior mitral valve leaflets are thickened and redundant consistent with myxomatous changes, and there is no significant prolapse. There is mild mitral regurgitation identified. The tricuspid valve leaflets are minimally thickened, with trivial tricuspid regurgitation and no evidence of pulmonary hypertension. The left ventricular outflow tract demonstrates normal laminar flow, and the visible aorta is unremarkable. The right ventricular outflow tract assessment reveals normal laminar flow with appropriate main pulmonary artery diameter and right pulmonary artery distensibility. There is no pulmonic and no aortic valve insufficiency identified. There is no visible pericardial, pleural, or free peritoneal fluid documented. No evidence of hepatic venous congestion is noted. The cardiac chambers, pericardial, and visible extra-cardiac regions are free of masses, spontaneous echo contrast, or thrombi.

CANINE CARDIAC PARAMETERS	Body Weight kg	HR BPM	LAD 4 ch Long	RAD 4 ch Long	La/Ao Heart Base	LVIDd	LVIDs
NORMAL PARAMETER		50-100			<1.6		
PATIENT	13 kg	140	3.23	1.83	1.41	2.82	1.59
CANINE CARDIAC PARAMETERS	FS	EPSS	PV V MAX (m/s)	AV V Max (m/sec)	MR Vmax	TR Vmax	RPA distensibility (normal >30%)
NORMAL PARAMETER	28-40	<0.6	0.7-1.6	0.7-1.7	4.5-5.5	< 2.7	
PATIENT	44	0.1	1.4	1.9	NM	1.5	NM

ULTRASONOGRAPHIC FINDINGS

These findings are consistent with degenerative/myxomatous mitral valve disease with minimal to mild hemodynamic effects consistent with ACVIM Stage B1 disease. It is unlikely that any current morbidity is of cardiac origin.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given these findings, no cardiac therapy is recommended. There are no cardiac contraindications to anesthesia, fluid therapy, vasopressor therapy, or corticosteroids as indicated for further assessment



PATIENT

and treatment. If not already performed, baseline thoracic radiographs and blood pressure are recommended. A recheck echocardiogram is recommended in 6 months.

Rue Johnston

SPECIES

Anesthesia considerations:

If anesthesia is necessary, alpha-2 agonists, ketamine, high dose acepromazine, and Telazol should be avoided. Fluid therapy during anesthesia should be considered at a conservative rate (e.g., 5 ml/kg/hour) if possible.

Canine

BREED

Diet:

A high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina that is highly palatable with adequate protein and calories for maintaining optimal body condition is reasonable.

Dachshund Cross

SEX

Activity:

No special considerations are necessary.

Spayed female

AGE

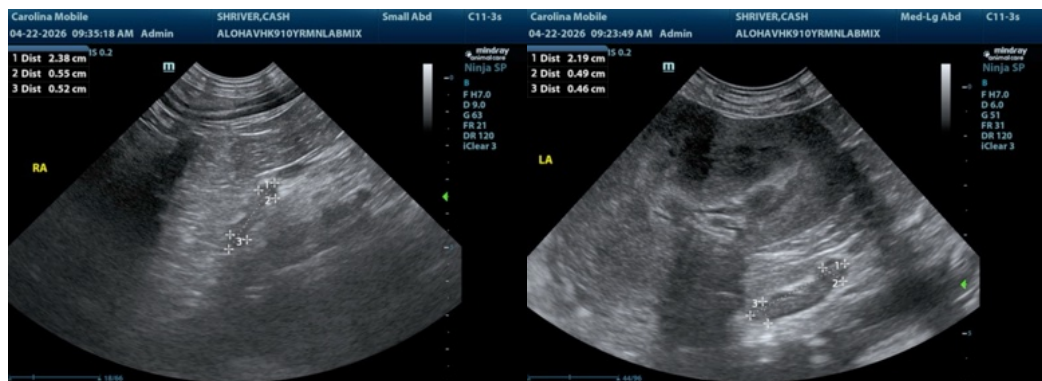
6 years

WEIGHT

13 kg

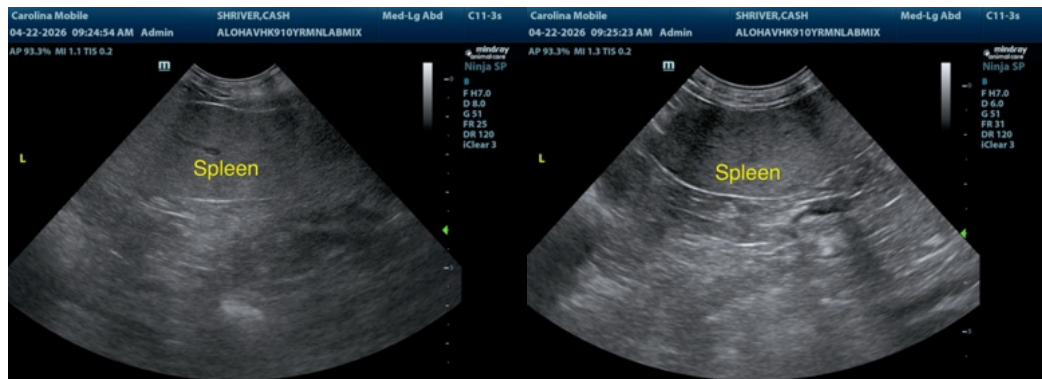
INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)



IMAGING PERFORMED BY

Crystal Hill



HOSPITAL NAME

Aldershot AH

REFERRING VET

Dr. Patton

INVOICE

74720

DATE

4/22/26



PATIENT

Rue Johnston

SPECIES

Canine

BREED

Dachshund Cross

SEX

Spayed female

AGE

6 years

WEIGHT

13 kg

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Aldershot AH

REFERRING VET

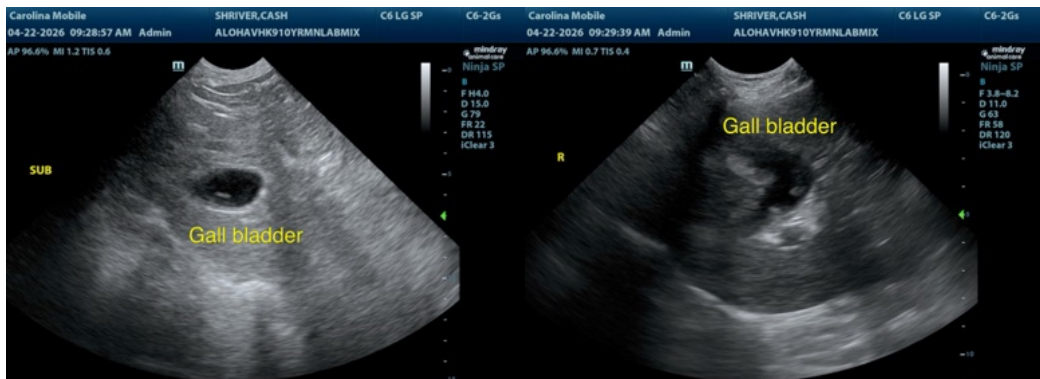
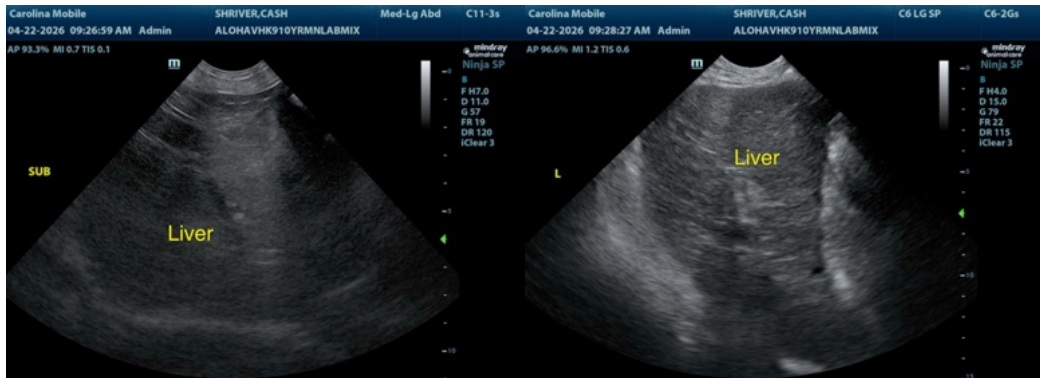
Dr. Patton

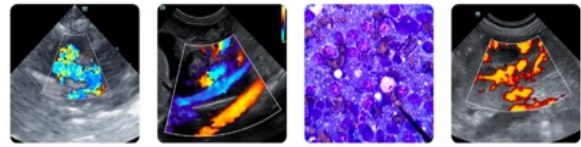
INVOICE

74720

DATE

4/22/26





PATIENT

Rue Johnston

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.

SPECIES

Canine

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.

BREED

Dachshund Cross

Bradley Harris, DVM, DACVECC, DACVIM (cardiology)

info@SonoPath.com

SEX

Spayed female

AGE

6 years

WEIGHT

13 kg

INTERPRETED BY

Bradley Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Aldershot AH

REFERRING VET

Dr. Patton

INVOICE

74720

DATE

4/22/26