

PATIENT

Pebbles Reid

SPECIES

Canine

BREED

Pug

SEX

FS

AGE

4yr

WEIGHT

15lb

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Scott Creek Animal
 Hospital

REFERRING VET

Dr Cartner

INVOICE

24755

DATE

05/08/2026

PRESENTING CLINICAL SIGNS

P presented for echo due to stertor, possible pneumonia, and cardiomegaly. P recently spayed, did well under anesthesia but significant phlegm on trach tube. Rads- stenotic trachea, possible cardiomegaly, trachea pinched at carina, lungs diffuse bronchointerstitial pattern. P had rough couple of days at home after surgery but doing better about a week later. On antibiotics and prednisone. Still significant stertor. Consider consult for brachycephalic surgery

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

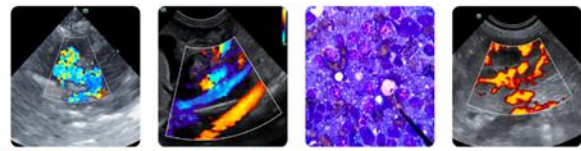
CANINE CARDIAC PARAMETERS	BW	HR BPM	LAD 4 ch Long	RAD 4 ch Long	La/Ao Heart Base	LVIDd	LVIDs
NORMAL PARAMETER		50-100			<1.6		
PATIENT	6.82	110	2.13	1.87	1.13	2.40	0.90
CANINE CARDIAC PARAMETERS	FS	EPSS	PV V MAX (m/s)	AV V Max (m/sec)	MR Vmax	TR Vmax	RPA distensibility (normal >30%)
NORMAL PARAMETER	28-40	<0.6	0.7-1.6	0.7-1.7	4.5-5.5	< 2.7	
PATIENT	63	0.1	0.6	1.6	NP	2.8	36

Cardiac Presentation

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 appropriately thin with adequate apposition, intact chordae, and there is no significant prolapse. There is no significant mitral regurgitation identified. The tricuspid valve leaflets are appropriately thin with adequate apposition, intact chordae, with mild tricuspid regurgitation and evidence of borderline pulmonary hypertension. The left ventricular outflow tract demonstrated normal laminar flow and the visible aorta is unremarkable. The right ventricular outflow tract assessment revealed normal laminar flow, with appropriate main pulmonary artery diameter and right pulmonary artery distensibility. There is trivial 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 were free of masses, spontaneous echo contrast, or thrombi.

ULTRASONOGRAPHIC FINDINGS

- These findings do not identify any evidence for underlying heart disease. Heart disease is an unlikely cause for any respiratory signs. The PH is more likely a



PATIENT

Pebbles Reid

consequence of whatever respiratory disease is present, rather than the cause of the signs.

SPECIES

Canine

BREED

Pug

SEX

FS

AGE

4yr

WEIGHT

15lb

INTERPRETED BY

Bradley Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Scott Creek Animal
Hospital

REFERRING VET

Dr Cartner

INVOICE

24755

DATE

05/08/2026

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommendations:

There is no indication for cardiac therapy, nor any objections to anesthesia/fluids/steroids (if needed). A repeat echo is warranted in another 3-6 months to re-assess the severity of the PH.

Anesthesia considerations:

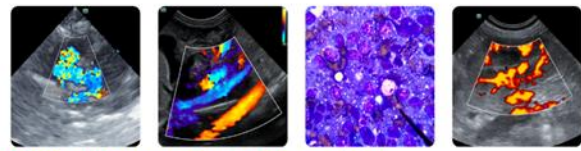
While there is no CHF present, there is potentially an increased anesthetic risk which must be considered prior to any anesthetic procedure. Fluid therapy during anesthesia does not necessarily need to be adjusted. A shorter anesthetic duration will reduce the risk of complications. Pre-oxygenation is mandatory. Premedication with an opioid (e.g., butorphanol, hydromorphone, oxymorphone) with or without a benzodiazepine is generally the safest protocol. An induction agent such as Propofol, Alfaxalone, or diazepam/etomidate can be used to effect. Maintenance of anesthesia with isoflurane or sevoflurane is reasonable.

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.

Activity:

No special considerations are necessary.



PATIENT

Pebbles Reid

SPECIES

Canine

BREED

Pug

SEX

FS

AGE

4yr

WEIGHT

15lb

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Scott Creek Animal
 Hospital

REFERRING VET

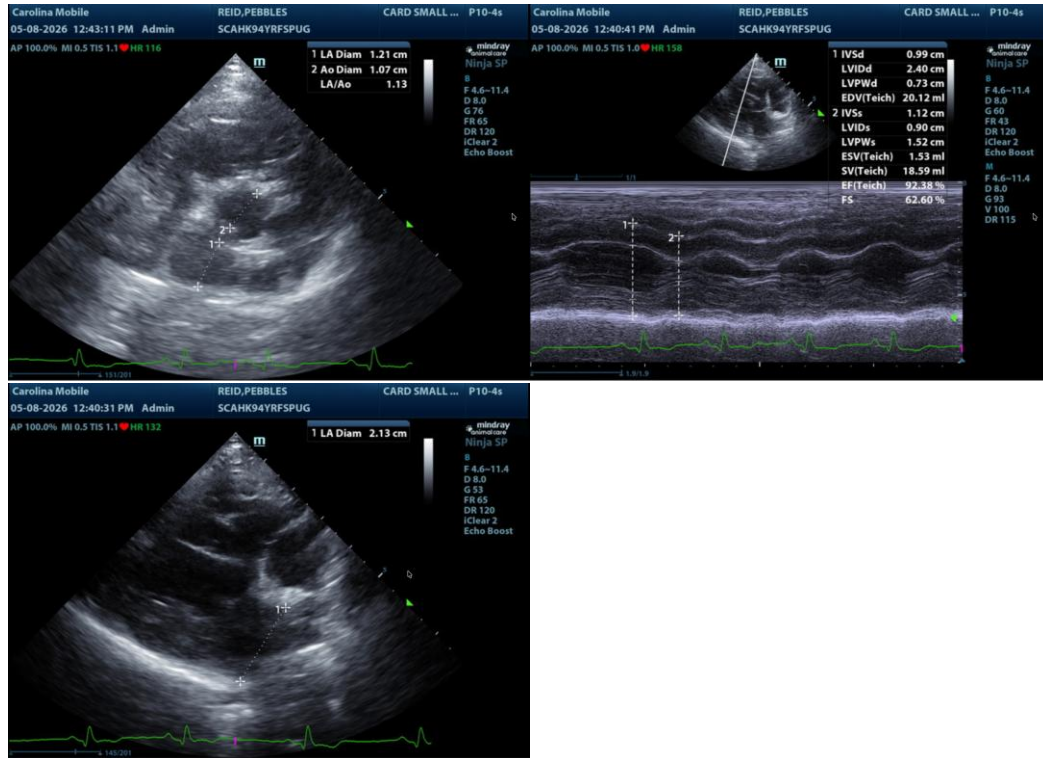
Dr Cartner

INVOICE

24755

DATE

05/08/2026



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.

Bradley Harris, DVM, DACVECC, DACVIM (cardiology)

info@SonoPath.com