



DATE PRESENTING CLINICAL SIGNS

6/2/26 **History:** Pleural effusion and poss cranial mediastinal mass.
Pertinent abnormal PE/Chem/CBC/UA Results: Radiographs attached.
Current medications: None listed.

PATIENT Blood Pressure: 110mmHg.

Theo George **Sedation used:** Not required to complete full diagnostic ultrasound.
Pertinent previous ultrasound results: No previous.
STAT: Declined at this time.

SPECIES Imaging performed by: Stephanie Warga RDCS, RVT.

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED

Domestic Shorthair

SEX

Neutered male

AGE

6/1/20

WEIGHT

11.5 lbs

INTERPRETED BY

Bradley Harris, DVM,
DACVECC, DACVIM
(cardiology)

HOSPITAL NAME

Chadwell AH

REFERRING VET

Dr. Gold

INVOICE

78233

The left atrium is normal in dimension. There is a heterogenous mass lesion within the left atrium that appears to be connected to the anterior leaflet of the mitral valve. The left ventricle is normal in dimension as well as wall thickness, and no evidence of restriction. Left ventricular systolic function is normal, with adequate contractility. There is no overt mitral regurgitation. The right atrium and ventricle appear compressed secondary to the extra-pericardial mass lesion. The tricuspid valve leaflets presented normal linear structure, extension in systole, and union in diastole without regurgitation. There is evidence of systolic anterior mitral valve motion due to the mass lesion. The left ventricular outflow tract demonstrated turbulent flow and subjective structural valvular integrity. The visible aorta is unremarkable. Pulmonary outflow tract assessment revealed normal valve structure, laminar flow, and appropriate diameter and distensibility. There is no evidence of pulmonary hypertension documented. There is a large thoracic mass effect with a moderate volume of suspected pleural fluid noted.

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	5.23 kg	NM	0.54	1.32	0.52	58	90
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)	
NORMAL PARAMETER	<1.5	1.6	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	NM	1.32	1.58	0.6	1.1	NM	
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

ULTRASONOGRAPHIC FINDINGS

These findings identify separate mass lesions both within the cardiac chambers (left atrium) as well as outside of the pericardium. It is likely that they are of similar origin, but the original attachment is unclear at this time.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given these findings, no cardiac therapy is recommended. A fine needle aspirate of the thoracic mass is recommended for cytology. Additionally, a thoracic/cardiac CT with angiography will help identify the site of

origin, as well as aid with surgical planning if desired/feasible. A thoracocentesis with drainage may help with any increased respiratory effort secondary to the pleural effusion

Anesthesia considerations:

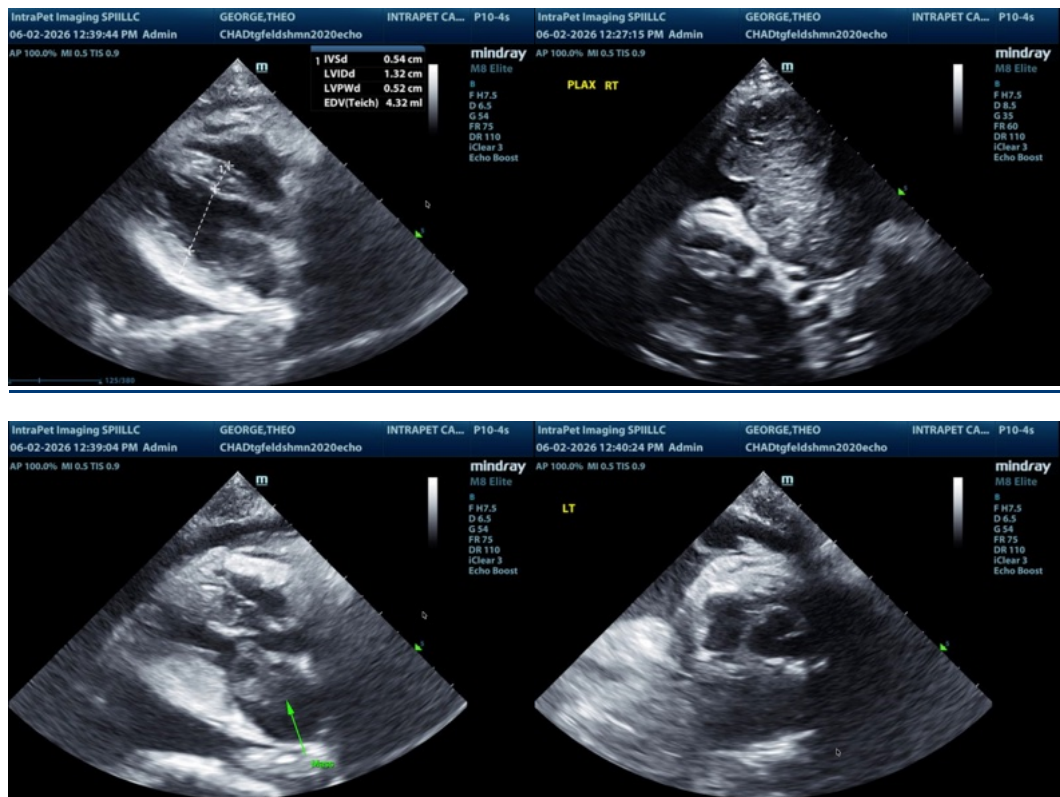
No special cardiac considerations are necessary

Diet:

No special considerations are necessary. Any high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina is reasonable.

Activity:

No special considerations are necessary.





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.

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