



## PATIENT

Waldo Tully

## SPECIES

Canine

## BREED

Bichon Frise

## SEX

Neutered Male

## AGE

12.5 Years

## WEIGHT

25 Pounds

## PRESENTING CLINICAL SIGNS

History: Elevated Respiratory effort with muffled heart sounds. Rads revealed cardiomegaly, grade 3/6 murmur and pericardial effusion on rads- if effusion, can it be drained?

Current Meds: Gabapentin CBC/Chem Findings: WNL

## ULTRASONOGRAPHIC EXAMINATION OF THE HEART

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	--	--	1.2	1.1	28	55	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	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				
PATIENT	159	1.10	.50	--	2.0	3.32	--

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## HOSPITAL NAME

Andover AH

## REFERRING VET

Dr. Parker

## INVOICE

12712

## DATE

8/24/21

## Cardiac Presentation

Persistent irregular arrhythmia noted during the exam. No volume overload of the left atrium or left ventricle. The right atrium and right ventricle, however, revealed mitral and tricuspid insufficiency. Mitral insufficiency was relatively minor. Contractility was adequate. Pericardial effusion was noted with a nodular right auricle. The right auricular irregular nodule/mass measured 3.2 cm x 1.8 cm. Multiple lung masses noted with pleural effusion and nodular pleura consistent with thoracic and right auricular/pericardial neoplasia. The largest lung lesion measured 3.8 cm.

## ULTRASONOGRAPHIC FINDINGS

- Thoracic neoplasia involving lungs, right auricle, pericardium and pleura
- Concurrent compensated mitral insufficiency
- Tricuspid insufficiency

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prognosis is poor. Treatment for quality of life recommended.



**PATIENT**

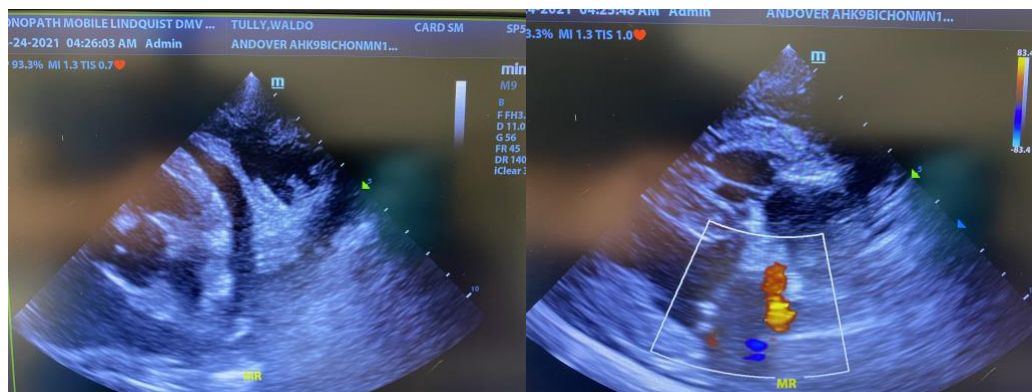
Waldo Tully

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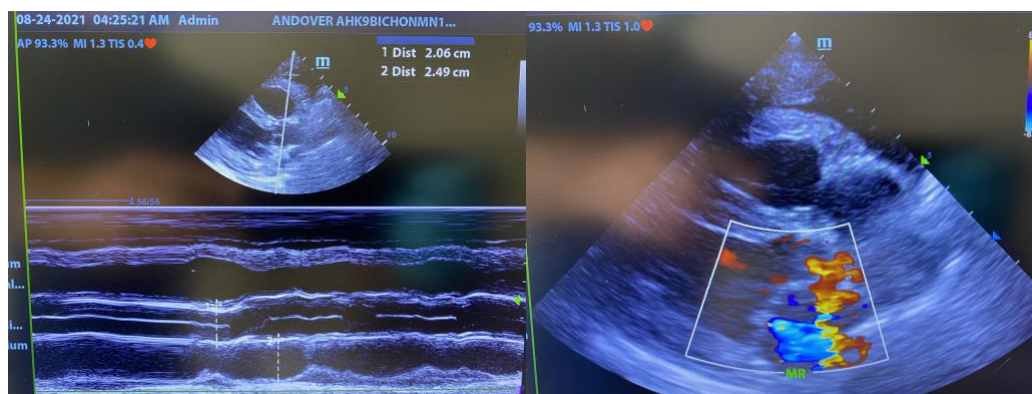
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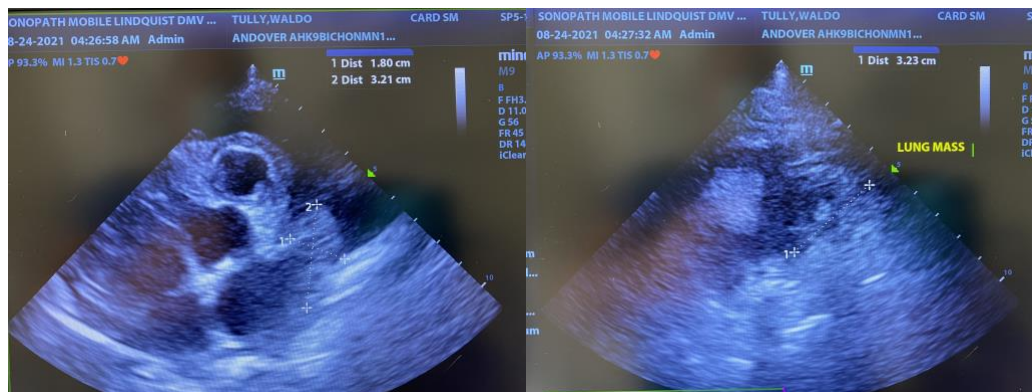


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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**REFERRING VET**

Dr. Parker

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

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