



**PATIENT**

Kobe Jones

**SPECIES**

Canine

**BREED**

Miniature Schnauzer

**SEX**

Male Neutered

**AGE**

10.2 years

**WEIGHT**

10.4lbs

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

Kelly Romero, DVM

**HOSPITAL NAME**

Countryside Animal  
Hospital

**REFERRING VET**

Dr. Hoobler-Riek

**INVOICE**

46740

**DATE**

2/6/26

**PRESENTING CLINICAL SIGNS**

History: Grade 3/6 heart murmur. Asymptomatic. BP: 115, 170mmHg.

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. Mild diffuse thickening of mitral valve leaflets with significant prolapse into the left atrial lumen. Mild eccentric mitral regurgitation with no left atrial dilation. Normal LV diameter with adequate myocardial function. The tricuspid valve appears thickened with significant prolapse and moderate tricuspid regurgitation. Normal velocity. Mild RA dilation. Normal RV. The pulmonic and aortic valves are normal in morphology and mobility. Normal pulmonic and aortic outflow velocities with laminar flow. No obvious aortic and trace pulmonic insufficiency. No pericardial or pleural effusion noted. No obvious cardiac masses.

**CARDIAC CHART**

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
<b>NORMAL PARAMETER</b>	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
<b>PATIENT</b>	NM	2.7	1.4	1.3	40	73	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)
<b>NORMAL PARAMETER</b>	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
<b>PATIENT</b>	NM	0.9	0.7	4.7	1.5	2.7	1.6
*Normal chamber parameters expressed as a mean value (SD)				3	1.27 (5.3)	2.46 (2.46)	1.36 (5.5)
<b>BODY WEIGHT DEPENDENT PARAMETERS</b>				5	1.40 (4.5)	2.74 (5.2)	1.60 (4.7)
<i>*Note: All measurements based upon multi-modal images and methods. An average value is reported.</i>				10	1.50 (3.8)	3.27 (3.5)	2.06 (3.1)
				15	1.83 (2.0)	3.71 (2.4)	2.43 (2.1)
				20	2.02 (1.9)	4.14 (2.2)	2.80 (2.0)
				25	2.18 (2.4)	4.48 (2.9)	3.10 (2.5)
				30	2.33 (3.3)	4.83 (3.9)	3.39 (3.4)
				35	2.48 (4.3)	5.17 (5.0)	3.69 (4.5)
				40	2.62 (5.2)	5.48 (6.1)	3.96 (5.4)
				50	2.88 (7.1)	6.07 (8.3)	4.46 (7.4)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Chronic degenerative valve disease causing mild mitral and moderate tricuspid regurgitation. Lack of significant left atrial enlargement indicates the current risk for complication is low. The TR is more significant than the MR in this case with right heart enlargement. Pulmonary pressures appear normal and simple monitoring is advised. No additional structural issues are seen.

Sinus pauses were noted by the Sonographer that appear inappropriate. Given the breed disposition for sick sinus syndrome, highly recommended an extended ECG in this case or ideally a holter monitor for further evaluation.



## PATIENT

Kobe Jones

## SPECIES

Canine

## BREED

Miniature Schnauzer

## SEX

Male Neutered

## AGE

10.2 years

## WEIGHT

10.4lbs

## INTERPRETED BY

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

## IMAGING PERFORMED BY

Kelly Romero, DVM

## HOSPITAL NAME

Countryside Animal  
Hospital

## REFERRING VET

Dr. Hoobler-Riek

## INVOICE

46740

## DATE

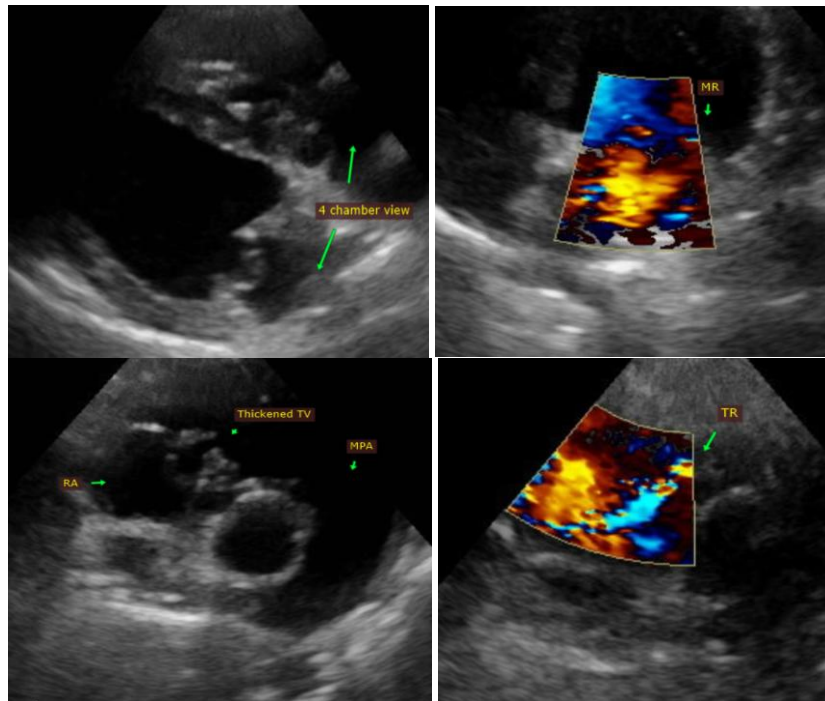
2/6/26

In a dog with no significant left atrial enlargement, no cardiac medications are clearly indicated. Assessment of progression in the future will help predict long term prognosis, which is highly variable at this stage (B1). Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit. Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

Anesthesia is not advised prior to further ECG evaluation.

Recommend conservative monitoring with a recheck echocardiogram in 6 months, sooner if any development of clinical signs.

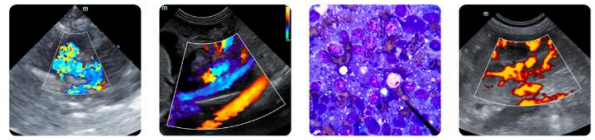
## IMAGES



**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.**

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

**Maggie Machen Lamy, DVM**  
**Diplomate of the American College of Veterinary Internal Medicine (Cardiology)**  
info@sonopath.com



## PATIENT

Kobe Jones

## SPECIES

Canine

## BREED

Miniature Schnazuer

## SEX

Male Neutered

## AGE

10.2 years

## WEIGHT

10.4lbs

## INTERPRETED BY

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

## IMAGING PERFORMED BY

Kelly Romero, DVM

## HOSPITAL NAME

Countryside Animal  
Hospital

## REFERRING VET

Dr. Hoobler-Riek

## INVOICE

46740

## DATE

2/6/26