
PATIENT

Churro Agudelo

PRESENTING CLINICAL SIGNS

Abnormal chest radiographs; potential thoracic mass. Current meds: Thyroxine .2mgs BID/Clavamox.

SPECIES

Canine

BREED

 Pomeranian/Eskimo
 Mix

SEX

MN

AGE

12yr

WEIGHT

19.5lb

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	<1.3	28-40	40-100	<0.6
PATIENT				1.1	46	80	0.2
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	102	1.5	1.1		2.0	2.0	

ULTRASONOGRAPHIC EXAMINATION OF THE HEART
INTERPRETED BY

 R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

 Westwood Regional
 Veterinary Hospital

REFERRING VET

Dr. Cattiny

INVOICE

11588ag

DATE

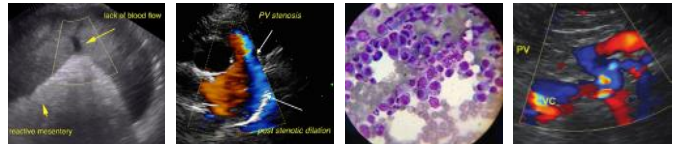
09/09/2022

Cardiac Presentation

The echocardiogram in this patient demonstrated normal left atrial size based on 3 separate methods of LA evaluation. The cranial and caudal mitral valve leaflets presented normal linear structure, extension in systole, and union in diastole with normal kinesis. The left ventricle presented thicknesses with linear contour and was not dilated nor restricted. The myocardium presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. Contractility of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The left ventricular outflow tract demonstrated normal laminar flow and subjective structural integrity. The right atrium and auricle revealed normal size, structure and content. No evidence of masses was noted. Tricuspid valvular assessment demonstrated adequate linear morphology and kinesis. The right ventricle was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. Pulmonary outflow tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible pericardial or free pleura fluid was noted. A solitary primarily spherical to homogeneous mass/lesion was present in the mid to cranial left thorax measuring ~ 5 cm in diameter.

ULTRASONOGRAPHIC FINDINGS
Primary

- Normal echocardiogram
- Left mid to cranial thoracic mass/lesion



PATIENT

Churro Agudelo

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This study confirms the presence of a left sided thoracic mass. Overall, the lesion was non-specific with considerations including neoplasia, granuloma, consolidation or other. Assuming normal clotting status and using a 25g needle a thoracic mass FNA is recommended for screening cytology. Additional considerations may include biopsy for histopathology as well as thoracic CT for further assessment and potential surgical planning.

SPECIES

Canine

BREED

Pomeranian/Eskimo Mix

SEX

MN

AGE

12yr

WEIGHT

19.5lb

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Westwood Regional Veterinary Hospital

REFERRING VET

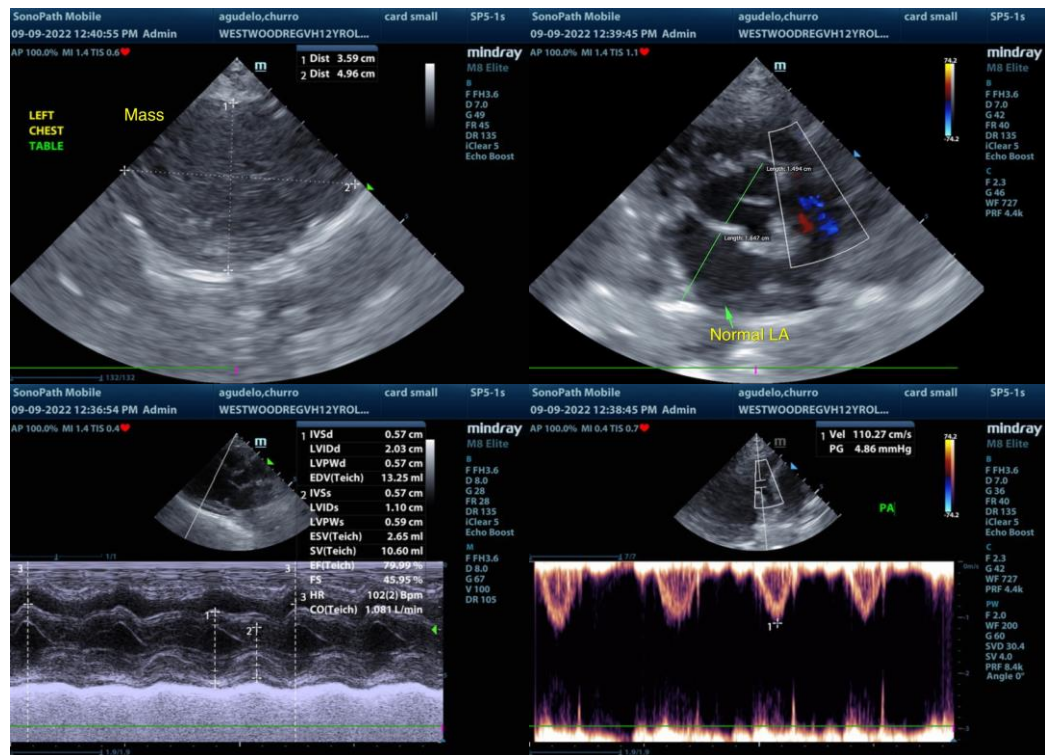
Dr. Cattiny

INVOICE

11588ag

DATE

09/09/2022



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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com