



PATIENT

Otis Cholak

PRESENTING CLINICAL SIGNS

4/6 murmur, increased respiratory effort, suspect PDA; referred from rDVM, do not think he is on any meds

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED

English Bulldog

SEX

Intact Male

AGE

12 Weeks

WEIGHT

7.5 Pounds

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			1.0	1.1			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	BELOW	BELOW	BELOW	BELOW
PATIENT		Variable Up to 2.0					

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

AH of Sussex County

REFERRING VET

N/A

INVOICE

37961

DATE

5/26/22

Cardiac Presentation

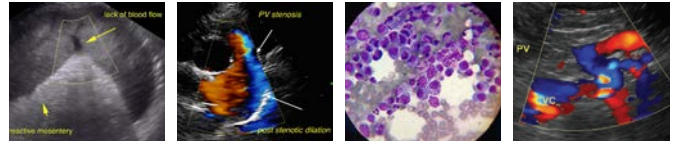
The cardiac presented revealed severe arrhythmia with severe right ventricular concentric hypertrophy, completely closing the right ventricular outflow. The atrial septum presented a defect with likely left to right flow. The echocardiogram was performed rapidly owing to the precarious presentation. Ventricular septum was severely thickened, right ventricular free wall mildly thickened. However, the primary defect is right ventricular. No pericardial or pleural effusion noted.

ULTRASONOGRAPHIC FINDINGS

- Severe atrial septal defect as well as likely pulmonic stenosis and severe right ventricular hypertrophy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prognosis is poor. Humane euthanasia should be considered in this puppy. Breeding line should be evaluated for concurrent congenital disease.



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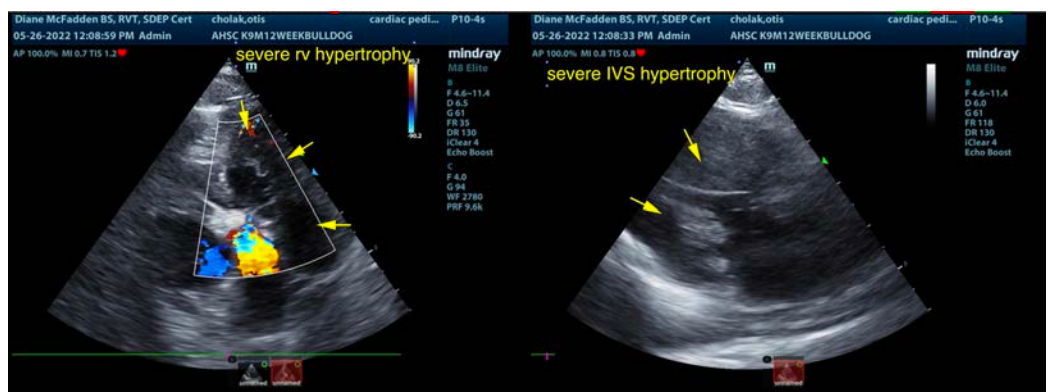
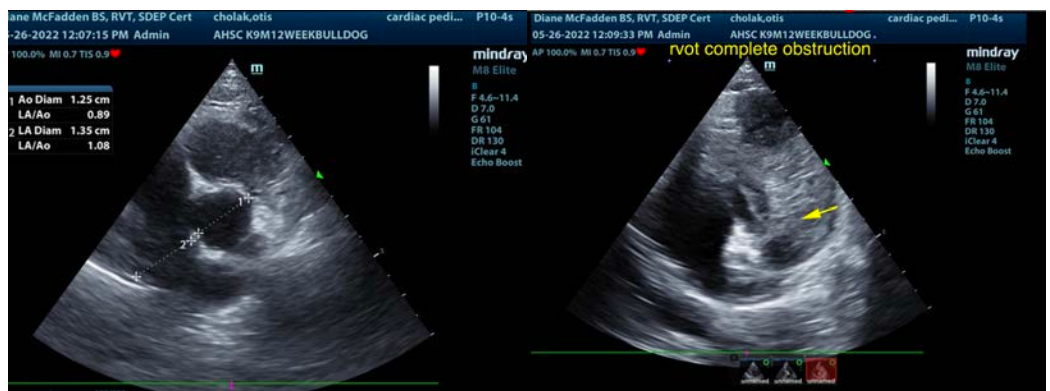
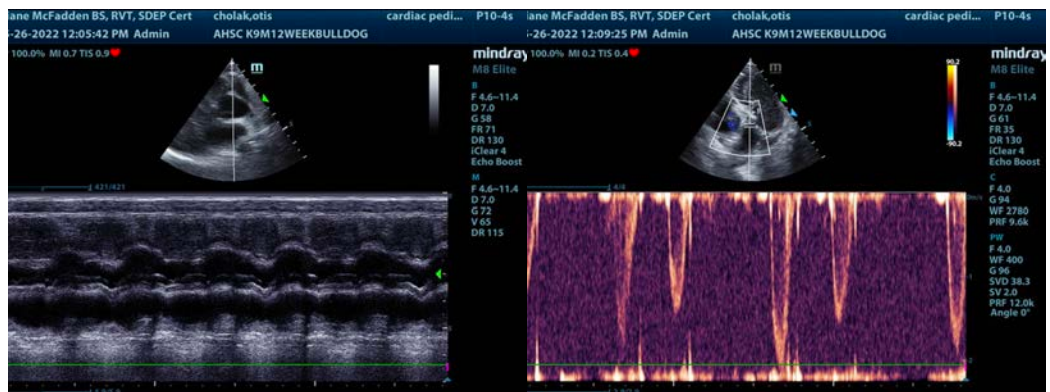
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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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