


PATIENT PRESENTING CLINICAL SIGNS

Shade King History: Dog presents for OHE, referred from another practitioner who was disinclined to perform surgery on a dog with a Grade 2 left-sided apical heart murmur.
 Abnormal PE/Chem/CBC/UA Results: Chest radiographs appeared normal.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE HEART
BREED

French Bulldog

The left heart was unremarkable with normal volumes of the left atrium and left ventricle. The contractility appeared adequate. Mitral and aortic valves appeared unremarkable. The right heart revealed concentric hypertrophy of the right ventricle with pre and post valvular dilation at the pulmonic valve. The pulmonic valve appeared thickened and domed. There was no pericardial or pleural effusion noted. Hepatic sweep revealed no evidence of passive congestion. The right atrial size was normal.

SEX

Female

AGE

8 months

WEIGHT

16.3 lbs

| 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 | | | 1.15 | 1.3 | 35 | | 0.1 |
| CANINE CARDIAC PARAMETERS | HR (BPM) | AV VMAX (m/s) | PV MAX (m/s) | BODY WEIGHT | 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 | | | | 16.3 lbs | 2.4 | 1.6 | |

INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Beard

HOSPITAL NAME

West Prince AH

ULTRASONOGRAPHIC FINDINGS

Concern for pulmonic stenosis with secondary right ventricular hypertrophy.

REFERRING VET

Dr. Beard

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Color flow and spectral Doppler evaluation of the right ventricular outflow tract is recommended. This is compensated at this time. The degree and prognosis of the pathology would be based on Doppler evaluation and CW quantification of potential pulmonic stenosis.

INVOICE

94469

DATE

12/10/21



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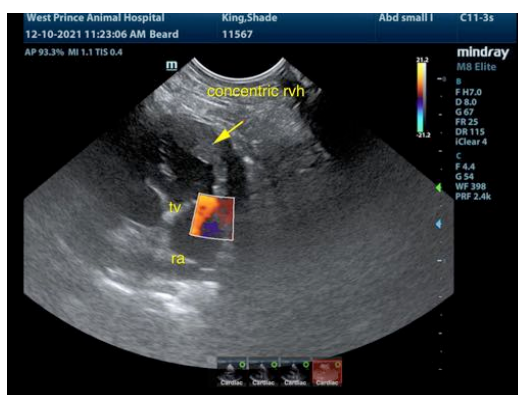
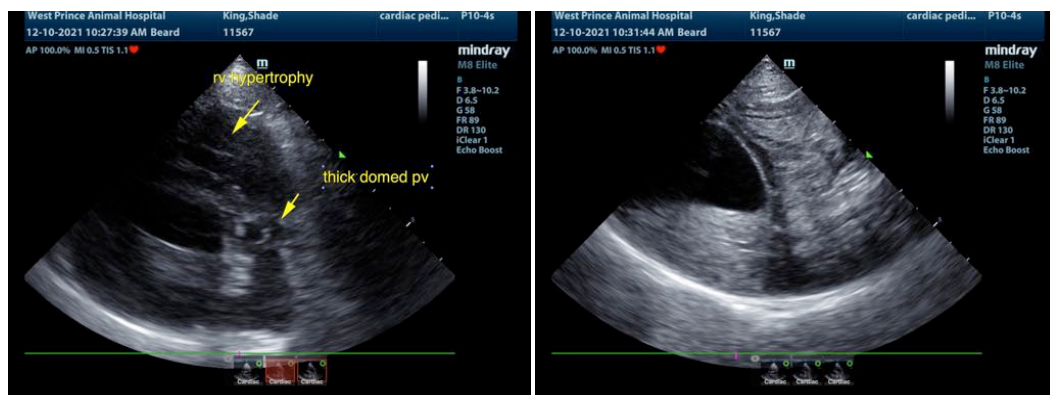
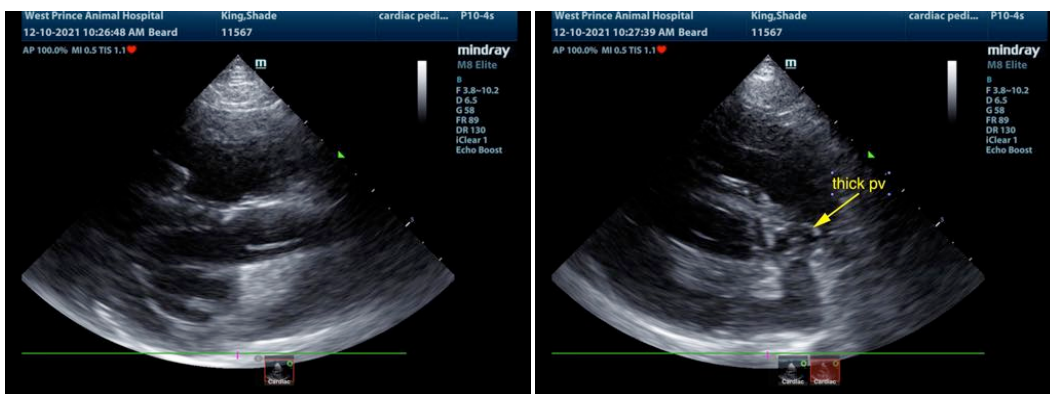
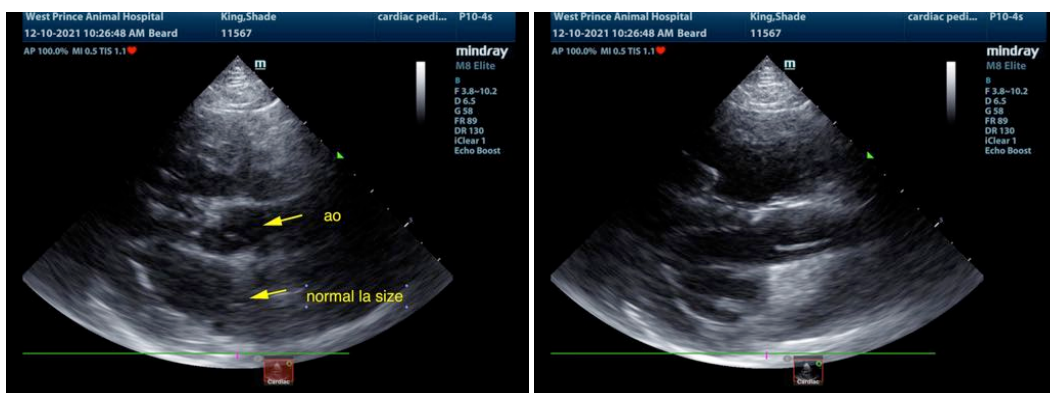
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The information and recommendations provided are based on the images presented by the referring



PATIENT

Shade King

veterinarian. 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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Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

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