



## PATIENT PRESENTING CLINICAL SIGNS

Cookie Sheridan

History: Significant respiratory distress. Has inhaler and on prednisone.  
 Abnormal PE/Chem/CBC/UA Results: Theophylline 15 mg q 12 hours. Prednisolone 5 mg sid.  
 Albuterol inhaler. rbc 9.4. HB. 8.6. HCT = 28

## SPECIES

Feline

## ULTRASONOGRAPHIC EXAMINATION OF THE HEART

## BREED

Domestic Shorthair

A rapid echocardiogram was performed with minimal views in this patient owing to the respiratory distress of the patient; however, the heart was visualized and presented normal atrial size with LA:AO June Boon of 1.15. The contractility appeared adequate. Pleural effusion was noted in the thorax with a tissue density that is undefined. Comet tail lung pattern was noted throughout the lung fields.

## SEX

Spayed female

## AGE

12 ½ years

## WEIGHT

7.5 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
 DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Leal

## HOSPITAL NAME

Andover AH

## REFERRING VET

Dr. Brooks

## INVOICE

46738

## DATE

8/24/23

FELINE CARDIAC PARAMETERS	BODY WEIGHT	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	7.5 lbs	NM	0.5	1.3	0.5	40	
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Sisson)	LA 2D 4-chamber long axis AS to FW (Sisson) (cm)	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)	
NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	NM	NM	NM	NM	NM	NM	NM

Adapted from June Boon, Veterinary Echocardiography, 1998  
 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705

## ULTRASONOGRAPHIC FINDINGS

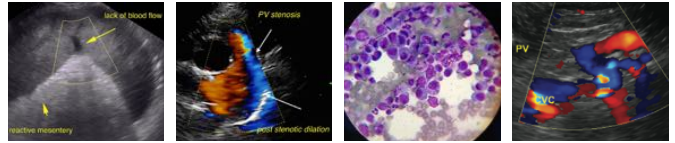
Non-cardiogenic pleural effusion and pulmonary pathology.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I strongly recommend chest CT in this patient with sedation, opioids or similar, Gabapentin or similar. There is no evidence of cardiac disease. Abdominal sonogram and chest CT are indicated for further definition along with sampling of tissue consolidation as well as pleural effusion. This should be under sedation owing to the respiratory distress of the patient. The prognosis is extremely guarded to poor. Neoplastic process is suspected.

## ABOUT SONOPATH CT SERVICES:

SonoPath CT Services are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at <https://sonopath.com/services/vetimaging/>



**PATIENT**

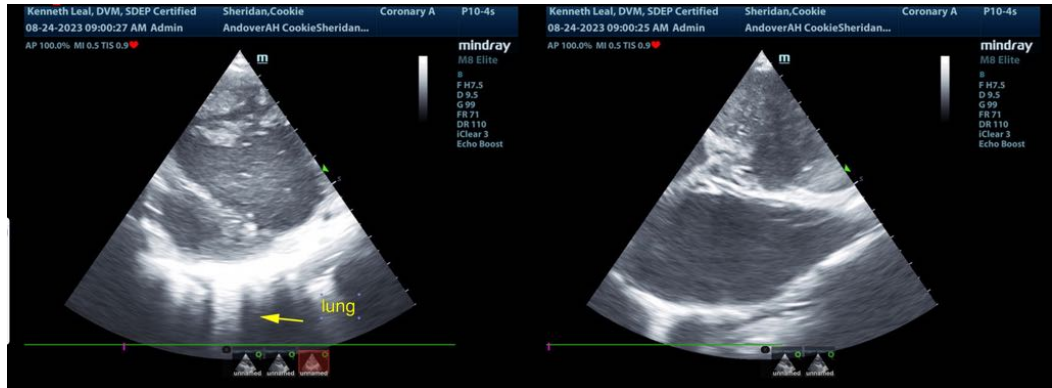
Cookie Sheridan

**SPECIES**

Feline

**BREED**

Domestic Shorthair



**SEX**

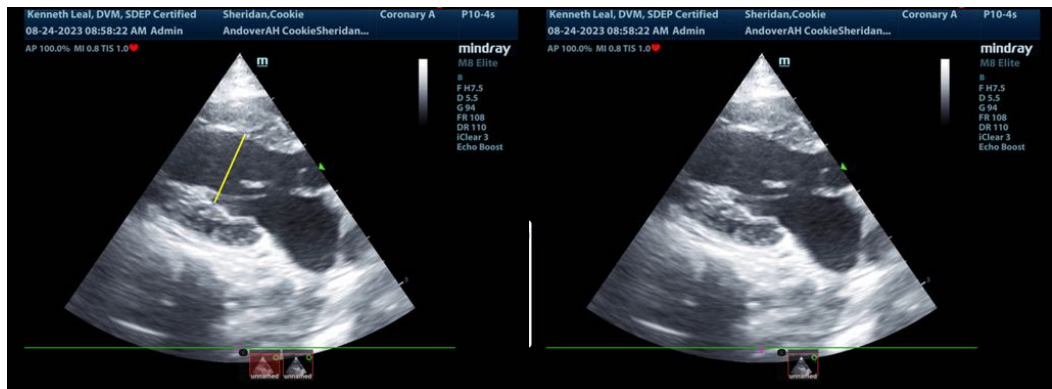
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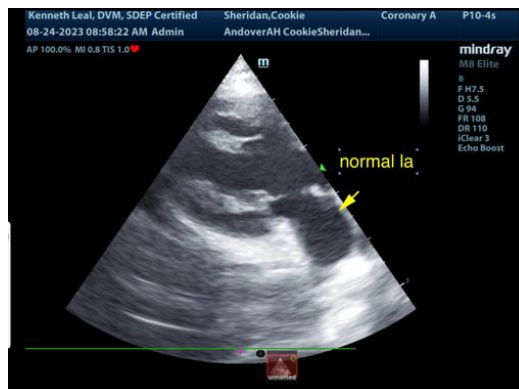
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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