



PATIENT PRESENTING CLINICAL SIGNS

Arjun Vella Anorexia, abnormal breathing - over 60 bpm at home. breathing improved with furosemide, x-rays showed pulmonary edema meds: mirtazapine 1.85mg PRN , furosemide 5mg BID
Abnormal PE/Chem/CBC/UA Results: HR210 RR42 rads: pulmonary edema, bronchial pattern on 20th. repeated right lateral x-ray on the 27th showed some improvement of pulmonary edema but still shows bronchial pattern no neoplastic lesions seen

Feline

BREED ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Domestic Shorthair

SEX

Neutered male

AGE

10 years

WEIGHT

5.39 kg

INTERPRETED BY

**Eric Lindquist, DMV
DABVP, Cert. IVUSS**

IMAGING PERFORMED BY

Kelly Reshny, RVT

HOSPITAL NAME

Downtown AH

REFERRING VET

Dr. Ahn

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics.. The **left ventricle** presented upper limits of normal in septal and free wall thicknesses. However, contractility internal diameter was normal. 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 or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinetics. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx.1:1 pa/ao ratio). Shower curtain lung pattern was noted. This is consistent with pneumonitis or non-cardiogenic pulmonary edema was present.

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	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		150	0.6	1.11	0.6	53	88
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	1.12	1.14	1.1 max		0.92	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							

INVOICE ULTRASONOGRAPHIC FINDINGS

95600 Essentially normal echocardiogram.

DATE

1/28/22



PATIENT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Arjun Vella

The pulmonary signs are non-cardiogenic. An abdominal sonogram is recommended to assess for predisposing issues. There is no cardiac disease noted in this patient. Primary respiratory protocol is recommended based on radiographic findings as well as abdominal sonogram to ensure that primary disease is not an issue.

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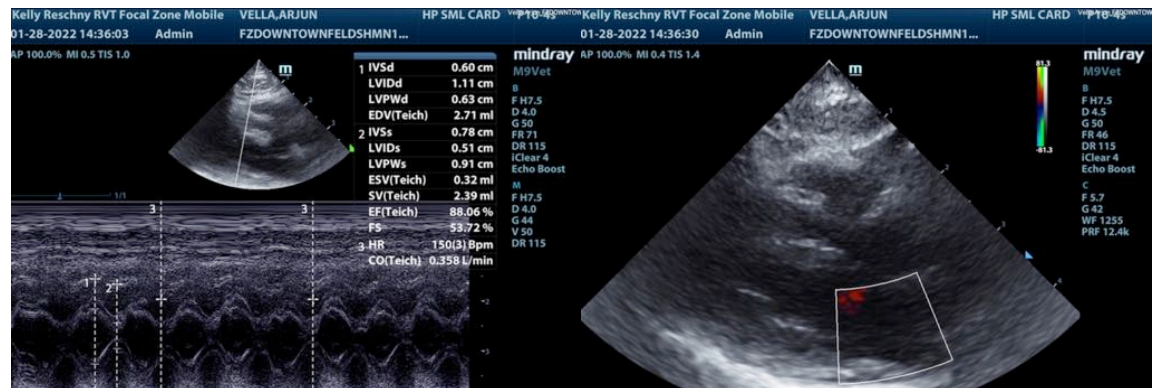
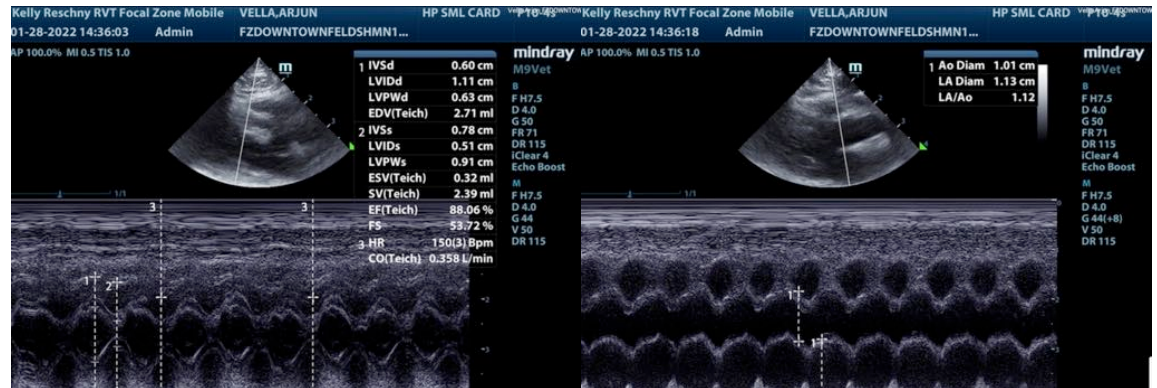
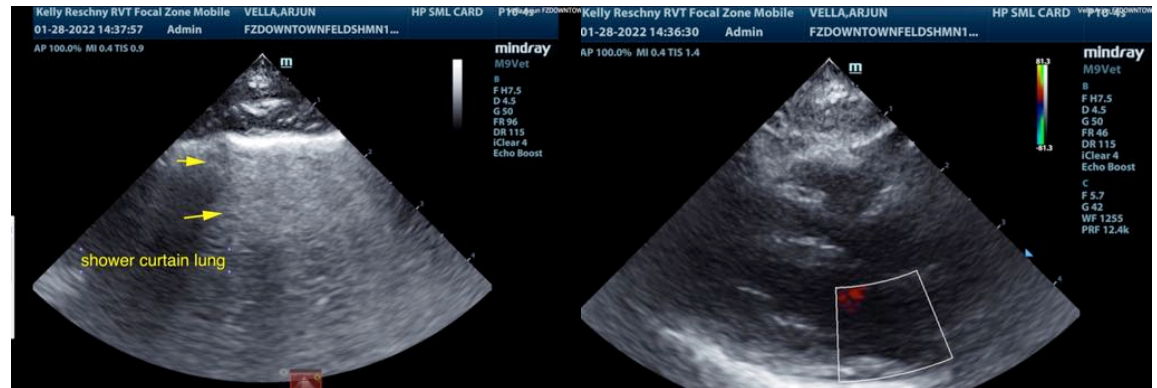
Dr. Ahn

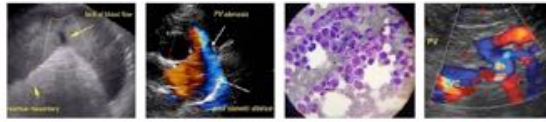
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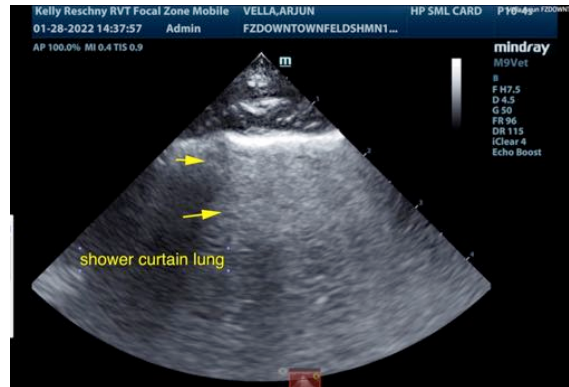
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
Eric.Lindquist@SonoPath.com