**PATIENT**

Violet Osborne

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Spayed Female

**AGE**

4 Years

**WEIGHT**

13 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sarah Pender, CVT

**HOSPITAL NAME**

SVS Imaging QC

**REFERRING VET**

Dr. Sciortino

**PRESENTING CLINICAL SIGNS**

10/11/21 Labored breathing.

Abnormal PE/Chem/CBC/UA Results: 10/11/21 Pleural effusion found on xrays on both sides of thorax. 10/11/21 Thoracentesis 18mls fluid- cytology: modified transudate, COLOR Yellow, CLARITY Clear, SP GRAVITY 1.025, PROTEIN 3.5 g/dL, RBC 20000 per uL, WBC 380 per ul Thoracentesis post echo today 30mls clear yellow FELV/FIV negative, ALB 4.3, ALT 212

Pleural effusion on radiographs with mild hepatomegaly.

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

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		NM	0.53	0.81	0.53	81	99
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	0.8	1.0			0.6	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							

**Cardiac Presentation**

The cardiac presentation revealed volume contracted heart. No evidence of cardiac disease. A large amount of non-cardiogenic pleural effusion was noted with areas of lung consolidation.

**ULTRASONOGRAPHIC FINDINGS**

- Non-cardiogenic pleural effusion

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

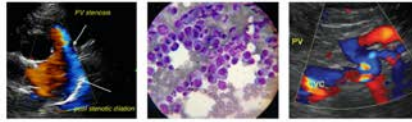
Blood pressure measurements recommended to assess for hypotension. Assessment for shock signs also warranted. Pleurocentesis and cytospin recommended as well as abdominal sonogram to assess for primary disease. Strong concern for metastatic or primary thoracic neoplasia. FIP is also a mild potential. Prognosis is guarded to poor. Idiopathic chylothorax is also possible depending on character of the pleural effusion. Chest CT after pleurocentesis would be ideal for further definition.

**INVOICE**

26323

**DATE**

10/15/21



**PATIENT**

Violet Osborne

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Spayed Female

**AGE**

4 Years

**WEIGHT**

13 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sarah Pender, CVT

**HOSPITAL NAME**

SVS Imaging QC

**REFERRING VET**

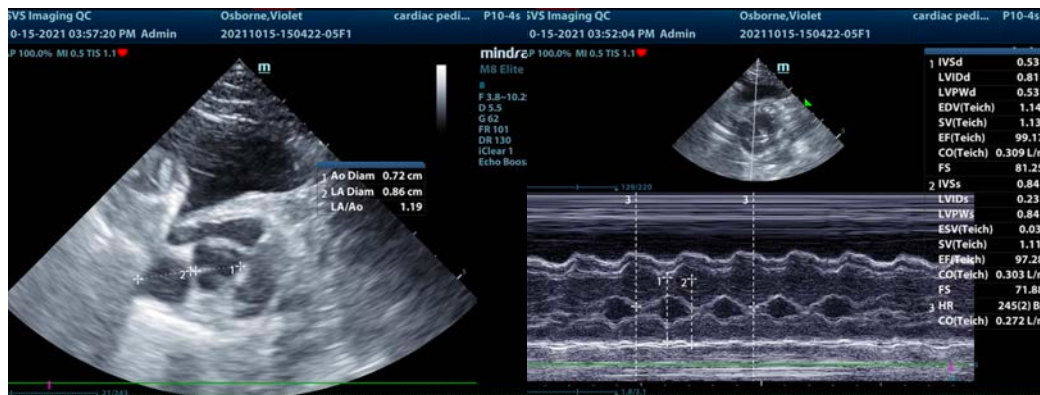
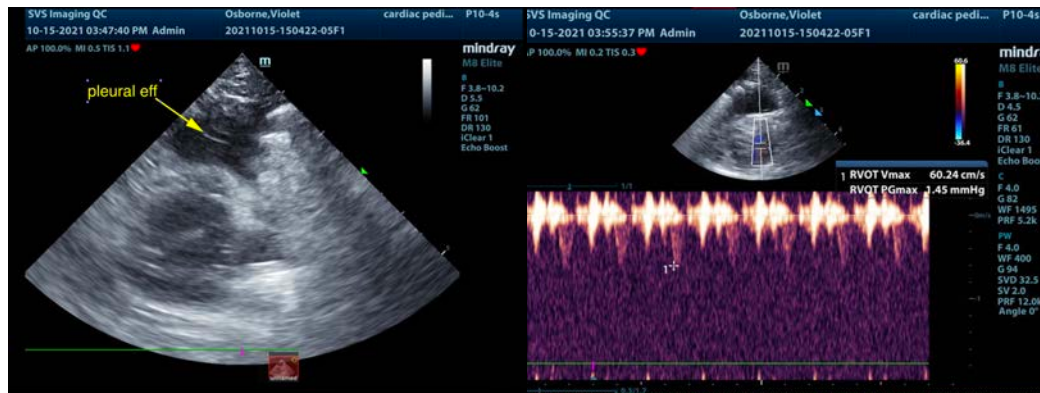
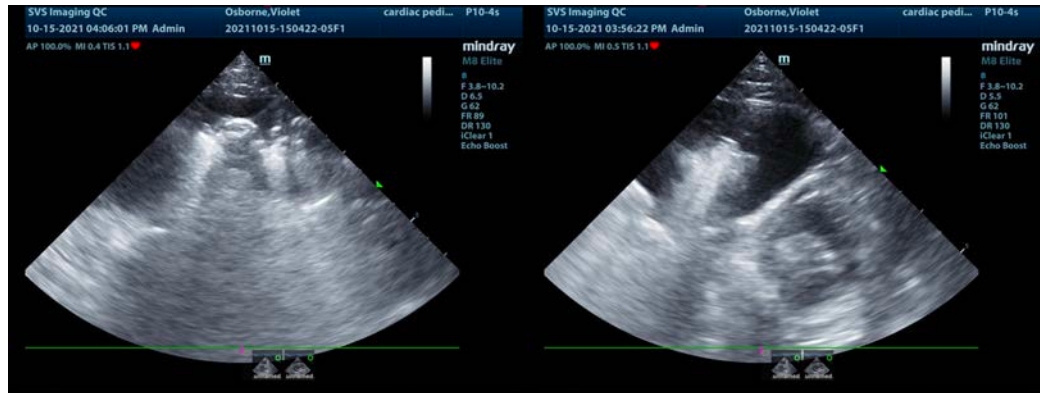
Dr. Sciortino

**INVOICE**

26323

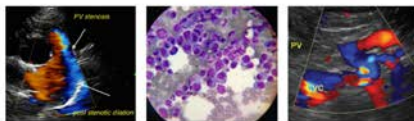
**DATE**

10/15/21



IMAGING PERFORMED BY

svsimaging.net 309-737-3070



Clinical Sonography & Telectology

EDUCATIONAL TELECONSULTATION SERVICES™

1-800-838-4268 info@sonopath.com SonoPath.com

**PATIENT**

Violet Osborne

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

**SPECIES**

Feline

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.

**BREED**

DSH

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
[info@SonoPath.com](mailto:info@SonoPath.com)

**SEX**

Spayed Female

**AGE**

4 Years

**WEIGHT**

13 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Sarah Pender, CVT

**HOSPITAL NAME**

SVS Imaging QC

**REFERRING VET**

Dr. Sciortino

**INVOICE**

26323

**DATE**

10/15/21