



Echocardiogram Report

Patient name: **HEWER, HARLOW**Patient ID: **67**
 DOB: 03/31/2019 Chart#: _____
 Age: 1Y Inpt/Outpt: Outpatient
 Sex: F Equipment: Vivid E90

 Referred by: _____
 Ordering physician: _____
 Sonographer: _____

Dr. Kim Hawkes DVM, DACVIM (Ca)

Weight: 3.7 kg

Height: _____

BSA: _____ Rhythm: Normal sinus rhythm

Interpreting physician: Dr. Kim Hawkes DVM, DACVIM (Ca)

Species: Feline

Examination date: 05/13/2020

Additional species info: Bengal

Study quality: Good

Echo Dimensions

| | M-Mode | 2D |
|-------------|--------|---------|
| Ao Root Dia | | 0.85 cm |
| LA Dimen | | 1.09 cm |
| IVS (D) | | 0.4 cm |
| LVPW (D) | | 0.49 cm |
| LV (D) | | 1.48 cm |
| LV (S) | | 0.86 cm |
| LA Vol Idx | | |

| | M-Mode | 2D |
|----------------|--------|---------|
| Asc Ao Dia | | |
| RVID (D) | | |
| LVOT Dia | | |
| AV opening | | |
| EF | | 76.38 % |
| FS | | 41.65 % |
| RVSP (Doppler) | | |

Doppler

| | | | |
|---------|-----------|----------|--|
| AVvel. | 1.17 m/s | LVOTvel. | |
| Pk Grad | 5.46 mmHg | Mn Grad | |
| AVA(pk) | | AVA(VTI) | |
| AI PHT | | RVSP | |
| TR Vel | | MPAP | |
| PV Vel | 1.22 m/s | PVAT | |

Diastology

| | | | |
|----------|----------|---------------|--|
| MV E | 0.7 m/s | E' Med | |
| MV A | 0.48 m/s | E/Lat E' | |
| MV E/A | 1.45 | E/Med E' | |
| MV Dec T | 65.04 ms | TV Med E' Vel | |
| E' Lat | | TV Lat E' Vel | |

Findings

| | |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Left Ventricle | LV chamber and wall dimensions are normal. LV systolic function is normal. LV relaxation is normal. |
| Right Ventricle | There is normal right ventricular size, wall dimension, and systolic function. |
| Left Atrium | LA chamber size is normal. |
| Right Atrium | RA chamber size is normal. |
| Aortic Valve | There is a trileaflet aortic valve. There is normal aortic valve structure and function. |
| Mitral Valve | There is normal mitral valve structure and function. |
| Tricuspid Valve | There is normal tricuspid valve structure and function. There is mild tricuspid regurgitation. Physiologic tricuspid regurgitation that is not of concern. |
| Pulmonary Valve | There is normal pulmonic valve structure and function. |
| Pericardium | The pericardium is normal. |
| Aorta | The size of the visualized portion of aortic root is within normal limits. The size of the visualized portion of the proximal ascending aorta is within normal limits. The MPA and Branch PA's are normal by 2D. |

Impressions

- Normal cardiac structure and function.

Recommendations

1. Annual health exam recommended.
2. Continued screening for HCM on an annual basis recommended while in a breeding program.

Performed in association with the Orthopedic Foundation for Animals (OFA) and the American College of Veterinary Internal Medicine-Cardiology (ACVIM)



Registered name: Wildcats Harlow of Breeze Bengals
 Call name: Harlow Weight: 3.67 lbs Estimate
 Breed: Bengal Gender: Female
 Sire Registration #: SB103015063 Dam Registration #: SB112917029
 ID Number (if any): 95600011063 Tattoo Microchip
 Registration Number: SBT033119012 AKC Other
 Date of Birth: (MMDDYY) 033119 Date of Exam: (MMDDYY) 051320

Owner Name: Sabrina Hener
 Co-Owner Name: _____ Phone: 7805125483
 Owner Address: 10103 Saxony Road
 City: County of Grande Prairie AB State: _____ Zip/postal code: T8X0G4
 E-Mail (use both lines if needed): sabrinahener@gmail.com

I hereby certify that the animal examined is the animal described on this application, and understand that the results of this exam will be submitted by the examining cardiologist to the database for statistical gathering purposes. I understand that only passing results will be released to the public unless the initials of a registered owner or authorized agent appear in the authorization box below which permits the OFA to release non-passing results to the public.

Signature of owner or authorized agent/representative: Sabrina Hener

I hereby authorize the OFA to release equivocal or abnormal results to the public. (initials) _____

Card # _____
 Photo _____
 Dr. Kim Hawkes
 Pulse Veterinary Specialists & Emergency
 780-570-9999
cardiology@pulseveterinary.ca

Fees and credit card information on back of WHITE sheet.
 12/22/15

Genetic Test Status: Test _____
 Negative Abnormal: Heterozygous Homozygous
EXAMINATION FINDINGS
AUSCULTATION
 Normal Abnormal Arrhythmia
 Murmur Grade: I II III IV V VI
 PMI: Left Right Base Apex
 Timing: Systolic Diastolic Continuous
 Extra Sounds: Click Gallop Split S1 Split S2

ECHOCARDIOGRAM NOT PERFORMED
 RA: Normal Enlarged _____ mm RV: Normal enlarged _____ mm
 TV: Normal Abnormal: Mild Moderate Severe
 TR: None Trivial Mild Moderate Severe Vel. _____ m/s
 LA: Normal Enlarged: Mild Moderate Severe
 LAAD 10.9 mm: SAX LAX (MM) 2D
 MV: Normal Abnormal: Mild Moderate Severe
 MR: None Trivial Mild Moderate Severe Vel. _____ m/s
 LV: Normal Enlarged: Mild Moderate Severe
 LVIDd: 14.8 mm MM 2D LVIDs: 8.63 mm MM 2D
 SF: 42 % (MM 2D EF: _____ % (MM 2D volumetric)
 ESVI: _____ mL/m² Sphericity index _____ EPSS: _____ mm
 IVS: IVSd 4.02 mm Normal Abnormal (MM 2D
 PW: PWD 4.95 mm Normal Abnormal (MM 2D
 PapMuscle: Normal Abnormal
 LVOT Normal Abnormal Ridge Other _____
 AoV: Normal Abnormal: Mild Moderate Severe
 Ao Diameter: 8.72 mm LA/Ao: 1.28 Method: _____
 AoV/LVOT Vel: Normal Abnormal (Apical Subcostal 1.17 m/s
 DLVOTO: _____ m/s SAM:
 AR: None Mild Moderate Severe m/s
 RVOT: Normal Infundibular narrowing Vmax (if abnormal) _____ m/s
 DRVOTO: _____ m/s
 PV: Normal Abnormal Mild Moderate Severe
 PV Vel: Normal Abnormal (Right Left apex 1.22 m/s

ELECTROCARDIOGRAM (ECG)
 normal abnormal not performed
 Date: May 13/20 Method: Single lead I echo
 HR: 120 bpm Rhythm: sinus rhythm
HOLTER ECG
 Date performed: _____ pending not performed
 normal: equivocal: abnormal: (see Holter report for details)

EXAMINATION RESULTS
 NORMAL ABNORMAL
 No evidence for congenital heart disease
 No evidence for adult onset inherited heart disease
 Valid for 1 year (in Dobermans and Boxers preliminary clearance only. Holter required within 3 months of today for final clearance)
 Congenital or adult onset inherited heart disease cannot be definitively diagnosed or excluded

DIAGNOSIS: ARVC ASD DCM HCM MVD MMVD PDA PS SAS/AS TVD VSD Other _____
SEVERITY: Mild Moderate Severe
Comments (additional findings which would not result in a final abnormal diagnosis):
Note: FELV / FIV NEGATIVE
Normal cardiac structure/function

I DID verify microchip/tattoo on this dog cat
 I DID NOT verify microchip/tattoo on this dog
 NO MICROCHIP/TATTOO PRESENT

Signature: _____ Date: May 13/20

Diplomate ACVIM (American College of Veterinary Internal Medicine - Cardiology) or Diplomate ECVIM (European College of Veterinary Internal Medicine - Cardiology)



C087601