



Mississauga-Oakville Veterinary Emergency Hospital

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Client: **Kiana Wright** (140940) • **Sundiata Titan** • Feline (Bengal) • Brown And Black • Male, Intact • 9m (15-Jun-2023) • 6.5 kg
Referred by: **Primary Veterinarian at Welland Animal Hospital** • Provider: **Dr. Elizabeth Turner** • Document date: **11-Apr-2024**

Anesthesiology

Dr Monica Rosati

Cardiology

Dr Sandra Minors

Dr Liz Turner

Critical Care

Dr Jaime Chandler

Dr Rita Ghosal

Dr Jennifer Kyes

Dentistry

Dr Lee Jane Huffman

Emergency

Dr Adrian Stroia

Dr Jeff Madge

Dr Alysha Ward

Dr Jessica Benson

Dr Katherine Malik

Dr Nicole Fishman

Dr Nancy Pragosa

Dr Emily Grinberg

Dr Lauren Figazzotto

Dr Meaghan Perkins-McVey

Dr Rebecca Reid

Dr Victoria Waind

Dr Vedrana Rakocovic

And Associates

Internal Medicine

Dr Beth Hanselman

Dr Dinaz Naigamwalla

Dr Bronwyn Rutland

Dr Kirsten Thornton

Dr Stipe Jelovcic

Neurology/MRI

Dr Carolina Duque

Dr Serene Lai

Oncology

Dr Meredith Gauthier

Dr Sarah Laliberte

Rehabilitation

Kristine Lee, PT

Surgery

Dr Alexandra Bos

Dr Sylvain Bichot

Dr Meghan Kirsch

Dr Laura Nutt

DIAGNOSIS:

- Normal cardiac structure and function

History:

Sundiata Titan, a 9 month old male intact Bengal, was presented to the VCA MOVEH Cardiology Service on Apr 11, 2024 for a breed screening.

Physical Exam:

Weight: 6.5kg

HR: 160bpm

RR: sniffing

Focused cardiac evaluation:

QAR, nervous but nice. BCS 4/5. No murmur or arrhythmia. Pulses strong and synchronous. MM pink.

Eupneic. Lungs clear.

Diagnostics:

Echocardiogram:

The right atrium was normal in size. The tricuspid valve was normal in morphology with no tricuspid valve regurgitation. The right ventricle was normal in size (RVIDd 0.4cm) with normal systolic function. The pulmonic valve was normal with a normal outflow velocity (0.86m/s), normal profile and no pulmonic insufficiency. The left atrium was normal in size (LA 1.3cm, Ao 0.93cm, LA/Ao 1.4, LAarea 2.34cm², LAmajor 1.8cm) The left auricle was normal in size (LAA 0.9cm²). The mitral valve was normal in morphology with no mitral valve regurgitation. Normal transmitral inflow velocities with a normal E/A ratio and normal Emax (Evel 0.68m/s, Avel 0.53m/s). The left ventricular dimensions were normal in diastole (LVIDd 1.78cm, IVSd 4.6mm, LVFWd 4.4mm), the left ventricular dimensions were high normal in systole (LVIDs 1.09cm). The left ventricular function was normal (FS 38.9%, EF 77.2%). The aortic valve and aortic root were normal in morphology with normal aortic outflow velocity (0.7m/s) and profile with no aortic insufficiency. The heart base was normal. No masses or pleural/pericardial effusions.

ASSESSMENT:

It was nice to meet Sundiata Titan today. Fortunately today's echocardiogram revealed normal cardiac structure and function with no evidence of hypertrophic cardiomyopathy or other forms of heart disease at this time. Sundiata Titan is still at risk for developing acquired heart disease as he ages, and therefore we recommend continued yearly breed screenings or a recheck with us if he develops a heart murmur, arrhythmia, or if any other concerns arise for developing heart disease.

Thank you for trusting us with the care of Sundiata Titan today. Please feel free to contact us with any questions or concerns. Our direct email is movh.cardiology@vca.com.

Sincerely,

Elizabeth Turner, DVM, DACVIM (Cardiology)