

**Spice Kona Hewer (FE241B0C)**

Visit Report: Monday, April 22, 2024

**VISIT**

Reason: Owners will give Gaba as prescribed but will most likely need sedation for the Echo.

Veterinarian: Nathan Boyd VMD, DACVIM (Cardiology)

Check In: 04/22/24, 12P

Check Out: 04/22/24, 2P

**PATIENT**

Spice Kona Hewer (ID FE241B0C)

2.5 YO M BENG (DOB: Jun 01, 2021)

Male

Feline Bengal

Weight: 6.27kg

Microchip #: 756097201013307

**ACCOUNT**

Sabrina Hewer (ID 24191E)

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**Cardiac Evaluation - OFA Advanced**, Completed: 04/22/24, 8P

Veterinarian: Nathan Boyd VMD, DACVIM (Cardiology)

**DIAGNOSIS**

- 1) Normal heart size and function
  - No echocardiographic evidence of congenital nor acquired heart disease at this time
- 2) Normal sinus rhythm on lead II ECG during echocardiogram

**HISTORY AND PHYSICAL EXAMINATION****History**

Spice Kona, a 2.5 yo MI Bengal, presents for advanced OFA cardiac screening. Kona is asymptomatic for cardiac disease with no coughing, labored breathing, exercise intolerance, or collapse.

**Physical Exam**

HR 168 bpm, RR 32 brpm, MM pink, CRT < 2 sec, BCS 5.5/9, MCS 3/3

On exam, Kona was mentally appropriate and strongly ambulatory. Ocular, otic, oral, and nasal exams were unremarkable and peripheral lymph nodes were all small and symmetrical. Cardiac auscultation revealed a normal heart rate and rhythm with strong/synchronous femoral pulses and no murmurs/clicks/gallops. Pulmonary auscultation revealed normal bronchovesicular sounds bilaterally. Abdominal palpation was unremarkable with no overt pain, masses, or fluid waves noted.

**DIAGNOSTICS****Echocardiogram**

Note: Echocardiogram performed under sedation (gabapentin 300 mg PO, butorphanol 0.3 mg/kg IM, alfaxalone 1 mg/kg IM)

The left atrium is normal in size. The mitral valve is uniform in thickness and demonstrates normal excursions and coaptation with no regurgitation. The left ventricle is high-normal in diameter at end-diastole (suspect due to sedation/bradycardia). Left ventricular wall thicknesses are normal at < 5 mm at end-diastole. Left ventricular systolic function is low-normal based on end-systolic dimensions, fractional shortening, and ejection fraction (likely underestimated due to sedation). The left ventricular outflow tract, aortic valve, and ascending aorta are structurally normal with no obstructions, insufficiency, nor dilation. The right atrium is subjectively normal in size. The tricuspid valve is normal in thickness and demonstrates normal excursions and coaptation. The right ventricular dimensions and wall thicknesses are normal at approximately 1/3 to 1/2 those of the left ventricle. Right ventricular systolic function is subjectively normal. The right ventricular outflow tract, pulmonic valve, and pulmonary artery are normal in diameter with no obstructions, insufficiency, nor dilation. No masses or effusions are identified.

**Lead II ECG During Echocardiogram**

Sinus rhythm; no ectopy or heart block observed

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**VISIT SUMMARY**

Kona's echocardiogram was normal today with no evidence of congenital nor acquired (adult-onset) heart disease. The congenital clearance is considered permanent. However, since acquired cardiac diseases may develop later in life, the adult-onset clearance is only valid for 1 year from today's date and annual re-examinations are recommended by the OFA.

**RECHECK**

- 1) Please follow up with your primary veterinarian at least once per year for an exam and routine wellness care.
- 2) Per the Orthopedic Foundation for Animals (OFA), the advanced cardiac clearance for acquired heart disease is valid for 12 months. Therefore, annual re-examination for recertification is recommended.

Nathan Boyd, VMD, DACVIM (Cardiology)