THE OHIO STATE UNIVERSITY
VETERINARY MEDICAL CENTER

The Ohio State University
Veterinary Medical Center
601 Vernon L. Tharp St.
Columbus, OH 43210-1089
(614) 292-3551

Please find attached the clinical summary for Jaspurrcats Bon Jovi Of Highlander Sweeney, Patient ID 616678 for 03-27-2023

Client Details

Name	Sweeney, Teresa	**Phone**	614-266-3502
Address	2461 Birch Bark Trail		614-213-2014
	Grove City, OH, 43123		614-266-7403

Patient Details

Name	Jaspurrcats Bon Jovi Of Highlander	**Age**	2 years
		Sex	Male
Species	Feline	**Referral**	Westerville Veterinary Clinic
Breed	Maine Coon		

Presenting Problem

In exam room 17; 11:47am

Instructions/Prognosis

Logan Funk

CERF Feline – Normal Echo

Visit Summary:
Today, Bon Jovi had an echocardiogram (heart ultrasound) performed for cardiac breeding certification examination. His echocardiogram did not reveal any significant abnormalities. There was no evidence of congenital or acquired cardiac disease.

Prognosis:
The current **prognosis for cardiac health is very good**. Although cats can develop acquired heart disease as they reach middle to old age **or manifest genetic causes of heart disease later in life**.. This screening examination did not reveal any evidence of congenital heart disease (birth defects) or acquired heart disease (such as hypertrophic cardiomyopathy, HCM). It should be appreciated that cardiomyopathies are classified as *adult-onset, genetic heart diseases*. These can develop later in life and for this reason the examination findings should be interpreted as "*normal for this time frame*". Cats used for recurrent breeding should be re-evaluated at regular intervals (e.g., yearly) since HCM can develop later in life, even after a normal screening examination.

Based on the results of our examination and a detailed echocardiogram, **there is no evidence of a significant cardiac (heart) problem**. As best as we can determine, there is no heart valve problem, heart muscle disease (cardiomyopathy), or birth defect (malformation) of the heart.

There are *limited* genetic tests available for identifying carriers and affected cats with HCM and these are only available for certain breeds (currently limited to the Maine Coon cat and Ragdoll breeds). Please discuss with the cardiologist any questions you have about genetic testing in cats. When appropriate, we can refer you to laboratories that offer this service directly to breeders and cat owners. Currently, we recommend the genetic screening services available at North Carolina State University College of Veterinary Medicine. See: https://cvm.ncsu.edu/genetics/submit-dna-testing/

Even when a genetic test is available for a particular breed, that laboratory test is not sufficient as a single screening method. Cats with HCM can carry other genetic mutations that are not identified by available laboratory testing. As a result, the stethoscope (for auscultation) and ultrasound examinations of the heart (echocardiography) have been the most important diagnostic tools for screening cats for obvious heart diseases such as HCM. It should be understood that minor or trivial heart (birth) defects might not be identified conclusively by cardiac ultrasound, and the echocardiographic criteria used for diagnosis of HCM in cats are not "black and white". As a result of this uncertainty, we emphasize to our clients that the echocardiogram is a good method for detecting moderate to severe HCM, but there are some cats where the ultrasound examination is "borderline" or "equivocal". In these cases, a discussion should be undertaken with the cardiologist and breeders should review all of the other characteristics of that cat and plan follow up examinations. The blood NT-proBNP test is another "biomarker" that can be performed at through family veterinarian's office. Unfortunately, this test is most useful in cats with heart murmurs and more likely to be positive when there is moderate to severe heart disease. Like the

echocardiogram, “borderline” cases of HCM will be more challenging to identify with certainty.

Vitals

Date/Time	Weight (kg)	Heart Rate	Respiratory Rate	BCS	CRT	MM	Attitude
03-27-2023 12:40:47pm	8.035	180	32	5.0/9.0	1-2 sec	Pink	BAR

Physical Exam

Logan Funk

General: Hydration- Euhydrated

Head, neck, ears, nose (Discharge, odor, redness, masses, pain): Normal
Oral Cavity: Normal

Ocular: Very mild clear ocular discharge OU. PLRs both direct and consensual are in tact.

Cardiopulmonary (Arrhythmia, murmur, pulse quality and synchrony, breathe sounds, crackles, wheezes, tracheal sensitivity): Normal heart rate and rhythm with a dynamic grade I-II/VI left parasternal systolic murmur. Femoral pulses strong and synchronous. Normal respiratory rate and effort. No crackles or wheezes.

Abdominal Palpation: Normal
Bladder Palpation: Normal, no pain on abdominal palpation

External Genitalia: Normal, male with two descended testicles

Nervous System: Behavior, attitude, convulsions, weakness: Normal

Musculoskeletal: Lameness, limping, loss of mass, symmetry: Normal
Muscle Condition Score: Normal

Dermatology: Normal

Swelling, enlargements, skin, lymph nodes, body cavities: Normal.

Rectal Exam: Not Examined

Master Problems

Normal Heart Echocardiographically

Assessments

Logan Funk

Bon Jovi of Highlander did well during echocardiography and did not need sedation.

S Diagnostics:

- Echocardiogram: No evidence of congenital or acquired cardiac disease

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Plans

Logan Funk

Diagnostic Plan

- Echocardiogram: **No evidence of a cardiomyopathy at this time** (See attached report).
- If breeding is continued, a recheck echocardiogram should be scheduled in approximately 1 year.

Therapeutic Plan

No therapy indicated.

For your convenience, the OSU Cardiology service can be contacted by e-mail to request prescription renewals and to obtain test results. The e-mail address is: OSUVET.Cardiologyservices@osu.edu Please include your first name, last name, pet's name, the best phone number to reach you, and your specific request. Your e-mail will be answered within 24 hours during regular business hours (Monday – Friday 8 AM to 5 PM).
If you need more immediate assistance, please call 614-292-3551. If you are requesting a new prescription, please allow 24-48 hours (during regular Business hours Monday – Friday 8 AM to 5 PM). If your pet's prescription has refills available, please call the OSU Vet Med pharmacy directly at 614-292-1010.

Logan Funk, DVM
Ohio State Veterinary Medical Center

WE NOW HAVE A CLIENT & PATIENT PORTAL
PLEASE REGISTER USING THE EMAIL WE HAVE ON FILE FOR YOU, TO CHANGE THIS PLEASE CONTACT US (tsignore111@icloud.com, tsignore@att.net)
REGISTRATION LINK: https://osu.use2.ezyvet.com/external/portal/dashboard