
PRESENTING CLINICAL SIGNS

DATE History: Developed VPCs in November 2021 after being anesthetized with buprenorphine, dexmedetomidine, propofol, and isoflurane. An echocardiogram in January 2022 was unremarkable, while a Holter monitor on 6/1/22 showed 1762 isolated VPCs and 542 isolated APCs, suspicious for an inherited ventricular arrhythmia. Started on sotalol 40 mg BID.

8/1/22

PERFORMED BY: HOLTER MONITOR FINDINGS

INTERPRETED BY Recording time: 23 hours, 58 minutes
 Mean heart rate: 69 bpm
 Maximum heart rate: 174 bpm
 Minimum heart rate: 35 bpm

Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

Rhythm: Normal sinus rhythm with occasional ventricular premature beats and ventricular escape beats, and no supraventricular ectopy

PATIENT Ventricular ectopy:
 Total: 1678 beats
 VPCs: 129
 Couplets: 0
 Total runs: 0
 Escape beats: 0

Jazzie Auger

SPECIES Supraventricular ectopy:
 Total: 0
 APCs: 0
 Couplets: 0
 Total runs: 0

Canine

BREED

German Shepherd The summary above is an accurate representation of the Holter recording. The average heart rate is normal for a dog in the home environment. The underlying rhythm is normal sinus rhythm. There are occasional isolated VPCs present, as well as occasional ventricular escape beats. No ventricular couplets, triplets, or runs of ventricular tachycardia are present. No supraventricular ectopy is seen.

SEX

FI
ASSESSMENT/RECOMMENDATIONS

AGE Jazzie's Holter monitor is similar to her most recent one, as occasional isolated VPCs are seen in the absence of more complex ventricular arrhythmias, such as couplets, triplets, bigeminy, trigeminy, or tachycardia. This suggests that Jazzie's arrhythmia is well-controlled, though, as mentioned in her previous Holter report, if a breed-related inherited ventricular arrhythmia is present, there is still a risk for sudden death until about 2 years of age.

1.5 y

WEIGHT No supraventricular arrhythmias are seen in the current Holter monitor.

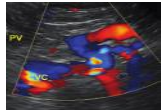
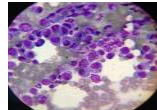
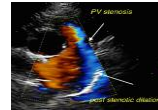
71.7 lb

HOSPITAL NAME Continued use of sotalol is recommended at this time. While Jazzie's arrhythmia has not worsened, consideration can be given to adding mexiletine (150 mg TID with food) given the previous studies in German Shepherd's with inherited ventricular arrhythmias.

Mass Veterinary Specialty Services A recheck Holter monitor is recommended in 3 months, sooner if new clinical signs compatible with an arrhythmia (ex. exercise intolerance, collapse) develop.

REFERRING VET

Dr. Masloski



DATE

8/1/22

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.

PERFORMED BY:

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.

INTERPRETED BY

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Jazzie Auger

SPECIES

Canine

BREED

German Shepherd

SEX

FI

AGE

1.5 y

WEIGHT

71.7 lb

HOSPITAL NAME

Mass Veterinary
Specialty Services

REFERRING VET

Dr. Masloski