


PRESENTING CLINICAL SIGNS
DATE

8/2/22

History: Has been experiencing intermittent head tremors for several months, and there have been a few episodes of falling over when the tremors occur. Diagnosed with paroxysms of ventricular tachycardia on 7/14/22. Arrhythmia converted with lidocaine, then started on sotalol 20 mg BID for maintenance therapy.

PERFORMED BY:
HOLTER MONITOR FINDINGS
INTERPRETED BY

 Recording time: 23 hours, 58 minutes
 Mean heart rate: 73 bpm
 Maximum heart rate: 250 bpm
 Minimum heart rate: 43 bpm

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

Rhythm: Normal sinus rhythm with occasional ventricular premature beats, occasional ventricular couplets, rare paroxysms of ventricular tachycardia, and occasional APCs.

PATIENT

Abby Gorewitz

 Ventricular ectopy:
 Total: 1012 beats
 VPCs: 661
 Couplets: 65
 Total runs: 24 (longest 61 beats @ 220 bpm)
 Escape beats: 0

SPECIES

Canine

 Supraventricular ectopy:
 Total: 854
 APCs: 854
 Couplets: 0
 Total runs: 0

BREED

Golden Retriever

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 VPCs present, as well as occasional ventricular escape beats and a few short paroxysms of ventricular tachycardia. None of the symptoms noted in Abby's journal correspond to periods of ventricular tachycardia. Occasional single APCs are present as well.

SEX

FS

ASSESSMENT/RECOMMENDATIONS
AGE

13 y

Abby's ventricular arrhythmia appears to be moderately well-controlled with her current dose of sotalol, as no persistent runs of ventricular tachycardia were seen, however, she did still have a few runs of non-sustained ventricular tachycardia, as well as some ventricular couplets that showed near R-on-T phenomenon. Given the persistence of some concerning ventricular ectopy, Abby remains at risk for the development of exercise intolerance, syncope, and sudden death, therefore, I recommend increasing her sotalol dose to 40 mg BID in an attempt to control her arrhythmia better.

WEIGHT

22.2 kg

An echocardiogram is recommended, if possible, to evaluate for cardiac dysfunction as a possible cause of Abby's arrhythmia.

HOSPITAL NAME

VCA North Idaho AH

Significant exercise restriction is recommended (controlled walks are acceptable), as exercise can worsen Abby's arrhythmia.

REFERRING VET

Dr. Poulsen

A recheck Holter monitor is recommended in 2-4 months, sooner if new clinical signs compatible



with an arrhythmia develop.

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PERFORMED BY:

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.

INTERPRETED 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.

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

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PATIENT

Abby Gorewitz

SPECIES

Canine

BREED

Golden Retriever

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