

PATIENT

Zoey Codella

SPECIES

Canine

BREED

Boxer

SEX

Spayed Female

AGE

8 Years

WEIGHT

86 Pounds (39.1 kg)

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

N/A

HOSPITAL NAME

Black River VH

REFERRING VET

Dr. Michelle Hewitt

INVOICE

36461

DATE

3/31/26

PRESENTING CLINICAL SIGNS

Reason for the Holter: Preanesthetic

Was an echo ever done on the animal? Did we do the report? If not, please attach the report. No

Any Medications: None

HOLTER MONITOR FINDINGS AND RHYTHM ASSESSMENT

Findings: The rhythm is sinus, however, there are frequent ventricular ectopics and frequent periods of ventricular tachycardia. There are rare supraventricular ectopic complexes noted. No clinical signs are described.

Assessment: The patient is having severe ventricular arrhythmias and ventricular tachycardia.

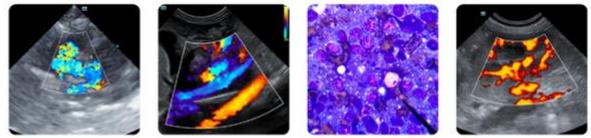
RECOMMENDATIONS

Intervention is needed with antiarrhythmics to help control the arrhythmia. The patient is at a high risk of sudden cardiac death. I recommend starting mexiletine at a dose of 5-7 mg/kg every 8 hours. A recheck electrocardiogram and Holter monitor is recommended in 4-6 weeks. Ideally, if the scheduled anesthesia is an elective procedure, we would hold off. Additionally, an echocardiogram is strongly recommended to evaluate for any underlying structural cardiac disease. The cause of the ventricular arrhythmia is unknown. Given the patient's age and breed, arrhythmogenic cardiomyopathy is a top differential, however, other conditions such as liver or splenic disease, adrenal gland abnormalities, infectious versus inflammatory conditions are all possible. The choice of mexiletine over sotalolol is recommended due to the lack of an echocardiogram and not knowing if there is myocardial dysfunction involved. Additionally, I would encourage the patient be on omega 3 fatty acids (40 mg/kg EPA, 25 mg/kg DHA).

IMAGES



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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.

Sara Brethel DVM, DACVIM (Cardiology)

info@SonoPath.com