


PATIENT

Turbo Filter

PRESENTING CLINICAL SIGNS

History: Historical arrhythmia; suspect ARVC. No updated history included.

Pertinent previous Echo findings (MML 5/2021): WNL

Pertinent previous ECG findings (MML 5/2021): VPCs noted pre-mexilitene; NSR post. Rec continue mexilitene.

SPECIES

Canine

HOLTER MONITOR FINDINGS AND RHYTHM ASSESSMENT
BREED

Boxer

SEX

Male

AGE

9 years

WEIGHT

64lbs

INTERPRETED BY

 Maggie Machen Lamy,
 DVM, DACVIM
 (Cardiology)

IMAGING PERFORMED BY

Dr. Bittner

HOSPITAL NAME

SVS Imaging

REFERRING VET

Dr. Bittner

INVOICE

20792

DATE

8/30/21

Time analyzed	22:26h
Mean heart rate	81bpm
Maximum heart rate	200bpm
Minimum heart rate	48bpm
VPCs	469; 449 singles, 5 pairs, 3 runs
APCs	0

Interpretation: Underlying normal sinus rhythm with presumed appropriate rate variation (diary not included). Periods of bigeminy noted.

Rhythm diagnosis: Sinus rhythm with

RECOMMENDATIONS

The holter shows persistent ventricular premature contractions (VPCs) with low markers of malignancy. The abnormal beats are primarily singles, with occasional couplets and 3 brief triplets. The max heart rate appears sinus in origin, with no sustained VT noted.

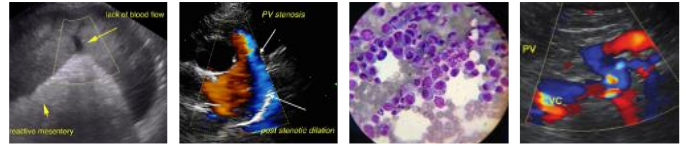
Based strictly upon the amount of arrhythmia present on the holter in this presumably asymptomatic dog, there is relatively good control and Mexilitene should be continued lifelong. Ideally no couplets or triplet would be identified; however, the brief nature and overall low frequency is encouraging. No obvious indication for dual therapy at this time. That being said, if any syncope develops in the future, this should be immediately reassessed to determine if sotalol is also indicated.

Going forward, anesthetic risk remains elevated. Avoid ketamine, telazol, dexdomitor (or other alpha-2 agonists) and acepromazine. Recommend having lidocaine CRI available for use in the event of worsening ventricular arrhythmias under anesthesia (CRI 50—75mcg/kg/min).

Fish oil supplementation is recommended for dogs with arrhythmias (1000mg of omega 3 and 6 once to twice daily as tolerated).

Monitor at home for collapse, exercise intolerance, and/or lethargy.

Plan: Continue Mexilitene as previously recommended



PATIENT

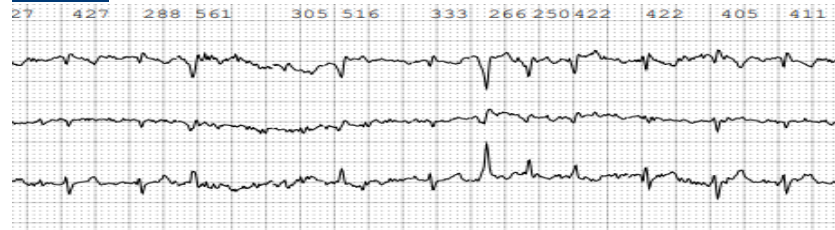
Turbo Filter

Recheck ECG/holter is recommended every 6 months to determine progression/control, sooner if any development of associated clinical signs. A recheck echocardiogram is recommended annually.

SPECIES

Canine

IMAGES



Triplet

BREED

Boxer

SEX

Male



Bigeminy

AGE

9 years

WEIGHT

64lbs

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

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

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.

Maggie Machen Lamy, DVM
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)
info@sonopath.com

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