



PATIENT

Maggie Graham

PRESENTING CLINICAL SIGNS

History: Recheck holter; increasing BNP; echo NSF (MML 5 2022).
Current medications: Enalapril 10mg BID, thyo tabs
Pertinent previous holter findings (MML 8/2020): NSR with a single VPC.

SPECIES

Canine

HOLTER MONITOR FINDINGS AND RHYTHM ASSESSMENT

BREED

Labrador

Time analyzed	23:47h
Mean heart rate	80bpm
Maximum heart rate	211bpm
Minimum heart rate	34bpm
VPCs	8; 6 singles, 1 pair
APCs	0

SEX

FS

Interpretation: Underlying normal sinus rhythm with appropriate rate variation. Rare monomorphic VPCs with a single couplet; instantaneous HR 188bpm. No APCs, pauses or other dysrhythmias observed.

AGE

10 years

Rhythm diagnosis: Sinus rhythm with rare isolated VPCs and a single couplet.

WEIGHT

92 lbs

RECOMMENDATIONS

Compared to the prior recording, the only difference is a slight increase in VPCs (albeit still well within normal), with a single couplet. While somewhat concerning, the overall VPC count is extremely low, and the couplet interval is relatively slow (instantaneous HR 188bpm). Continued monitoring is advised, particularly should any syncope or exercise intolerance be noted at home.

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

These findings still do not explain an elevated BNP. As was mentioned previously, this specific breed has been shown to often have a 'normal' BNP that is outside of the reference range without explanation which is suspected here. Consider ruling out ancillary causes of elevation, including systemic hypertension, early CKD, etc.

IMAGING PERFORMED BY

The patient is on Enalapril without explanation. No cardiac cause for this medication is present with an unremarkable echocardiogram. If this is being utilized for SHT, this would be enough to explain BNP elevation. Further historical information is needed.

HOSPITAL NAME

Rockaway AH

Recheck ECG and/or holter in 1 year, sooner if any issues arise in the interim.

REFERRING VET

Dr. Maniar

IMAGES



Couplet

INVOICE

24348

DATE

5/23/22



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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.

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.

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