

PATIENT

Madi Ryan

PRESENTING CLINICAL SIGNS

History: History of heart disease. Intermittent collapse.
Pertinent echo findings (EL 11/2022): CVD stage C
Current medications: None provided.

SPECIES

Canine

HOLTER MONITOR FINDINGS AND RHYTHM ASSESSMENT

BREED

Catahoula Mix

Time analyzed	23:58h
Mean heart rate	135bpm
Maximum heart rate	196bpm
Minimum heart rate	75bpm
VPCs	10588 singles, 510 pairs, 1 run (167bpm)
APCs	0

SEX

FS

Interpretation: Underlying normal sinus rhythm with appropriate rate variation. Frequent single VPCs; polymorphic. Primarily singles with occasional couplets; no R on T. Brief 'VT' is labeled; however, the HR is only 162bpm with 3 beats in total. No additional abnormalities are appreciated.

AGE

10 years

Rhythm diagnosis: Sinus rhythm with frequent single, couplet VPCs. Brief slow VT.

WEIGHT

69 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Sinus rhythm with frequent ventricular arrhythmias documented. While the frequency is notable, the primary finding is single beats. Rare couplets without R on T phenomenon are seen. The single 'VT' is brief and the HR 162bpm, which is not hemodynamically significant. All that being said, given the frequency and reported collapse sotalol would be a reasonable option in this case.

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

It is very important to note that no collapse episodes were documented with the holter in place, and these findings do not explain reported collapse. Treatment is recommended based upon risk assessment independent of the clinical issues. In a dog with reported severe cardiac disease, other possible causes must be considered (insufficiency cardiac output, pulmonary hypertension, vasovagal events, etc). Reassessing the echo may be indicated if the episodes persist.

IMAGING PERFORMED BY

When initiated, monitoring for any signs of intolerance at home (lethargy or collapse) is recommended. Watch for any significant lethargy or collapse in the patient while initiating the medication. Ensure that the sinus resting heart rate is not significantly decreased by the medication, particularly should any symptoms develop. It is important to note that even in human trials, anti-arrhythmics have not been shown to prevent sudden death in these patients, and high risk will unfortunately persist. Mild activity/stress restriction is advised.

HOSPITAL NAME

Rockaway AH

Monitor for any significant lethargy or collapse in the patient while going forward, and particularly while initiating the medication. It is important to note that even in human trials, anti-arrhythmics have not been shown to prevent sudden death in these patients, and high risk will unfortunately persist. Activity/stress restriction is advised.

REFERRING VET

Dr. Maniar

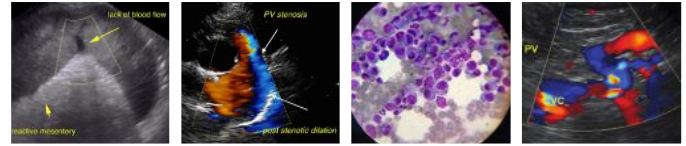
Fish oil supplementation is recommended for dogs with arrhythmias (1000mg of omega 3 and 6 once to twice daily).

INVOICE

3/1/23

DATE

/21



PATIENT

Madi Ryan

Plan: Continue full cardiac support as dictated by the echo report. Baseline BP recommended. Institute sotalol 1-2mg/kg PO q12h. Recheck ECG and/or holter monitor (gold standard) and HR/BP in 2-4 weeks to assess response.

SPECIES

Canine

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

BREED

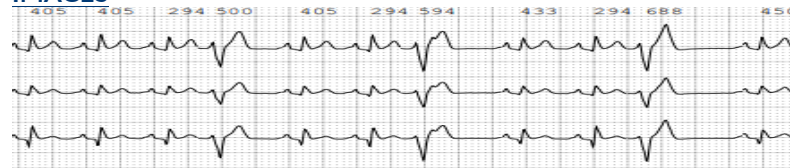
Catahoula Mix

Once on the medication, a recheck echo/ECG/holter monitor/BP is recommended in 6 months, sooner if episodes of collapse persist despite therapy.

SEX

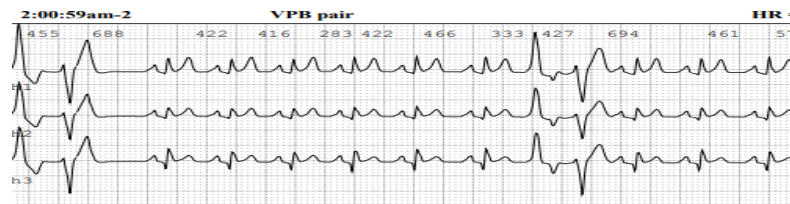
FS

IMAGES



AGE

10 years



WEIGHT

69 lbs

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.

IMAGING PERFORMED BY

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

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

INVOICE

3/1/23

DATE

/21