



PATIENT

Sox Dougon

SPECIES

Canine

BREED

Boxer

SEX

FS

AGE

4y

WEIGHT

55lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM DACVIM
(Cardiology)

**IMAGING
PERFORMED BY**

Kelly Reschny, CVT

HOSPITAL NAME

Halton Peel Animal
Hospital

REFERRING VET

Dr. Walters

INVOICE

21627

DATE

10/20/21

PRESENTING CLINICAL SIGNS

History: Recheck ECG. No updated history/medications provided.
Pertinent previous ECG findings (1/2021 MML): single VPCs despite sotalol therapy. Holter recommended with no change to sotalol.

ELECTROCARDIOGRAPHIC FINDINGS *Note: Single lead ECGs are evaluated as a rhythm strip. Morphology/MEA cannot be definitively commented on.

A single lead ECG is available; 90s, 25mm/s, 20mm/mV. The average heart rate is 90bpm (range 50-115bpm). The rhythm is sinus in origin, with a p for every QRS complex and vice versa. QRS is low voltage and inverted. No ventricular or supraventricular ectopic beats, pauses or dysrhythmias observed.
ECG diagnosis: Normal sinus rhythm with respiratory variation.

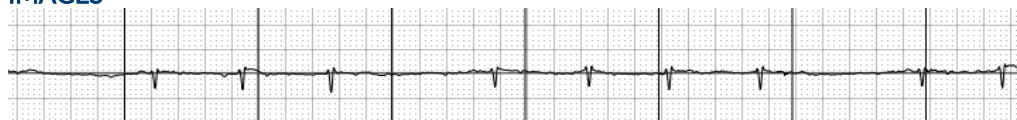
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The submitted ECG shows a respiratory sinus arrhythmia with NO ventricular ectopy. While this is great news, a holter monitor should still be considered as the gold standard in an arrhythmic boxer (ideally every 6 months), to fully understand arrhythmic control outside of the hospital. Based upon no reported symptoms and what is seen here, no medication changes are indicated (assuming Sotalol is still being administered).

Omega fatty acid supplementation should be considered in any arrhythmic patient. Monitor at home for any evidence of sustained VT (collapse/syncope, exercise intolerance). Lifelong activity restriction is advised, while maintaining QOL. Unfortunately even on medications the patient will always be at risk for syncope and sudden death and close monitoring is advised.

Recommend conservative monitoring with a recheck echocardiogram annually, and a recheck ECG or ideally holter monitor every 6-12 months, sooner if any development of clinical signs.

IMAGES



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.

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