



PATIENT

Lexi Spataro

PRESENTING CLINICAL SIGNS

History: Abnormal pre-anesthetic ECG.

SPECIES

Canine

BREED

Boston Terrier

ELECTROCARDIOGRAPHIC FINDINGS *Note: Single lead ECGs are evaluated as a rhythm strip.

Morphology/MEA cannot be definitively commented on.

A three lead ECG (unlabeled) is available; 25mm/s is assumed, 5mm/mV. The average heart rate is 130bpm (range 83-166bpm). The underlying rhythm is sinus in origin, with a p for every QRS complex and vice versa. Isolated VPCs and APCs throughout with occasional fusion beats. Brief sinus pauses; no AV block appreciated.

ECG diagnosis: Normal sinus rhythm with sinus pauses; rule out sinus node dysfunction versus respiratory sinus arrhythmia. Isolated APCs and VPCs.

SEX

FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The ECG shows 2 abnormalities. First is brief sinus pauses are noted. These may simply be due to a respiratory sinus arrhythmia (particularly if the patient is sedated), or may reflect sinus node dysfunction. Additionally there are isolated APCs and VPCs throughout. These findings in combination may suggest sick sinus syndrome; however, further evaluation is necessary. No sustained tachyarrhythmias such as SVT or VT are appreciated, and what is seen here is largely benign at this time.

AGE

10 years

Highly recommend an extended 6 lead tracing (consider referral if needed) or potentially a holter monitor for further information. If declined, simple monitoring is advised with careful patient assessment for syncope or acute lethargy in the future. Systemic evaluation through lab work/imaging as well as an echocardiogram are strongly recommended in search of underlying causes of ectopic beats.

WEIGHT

201lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

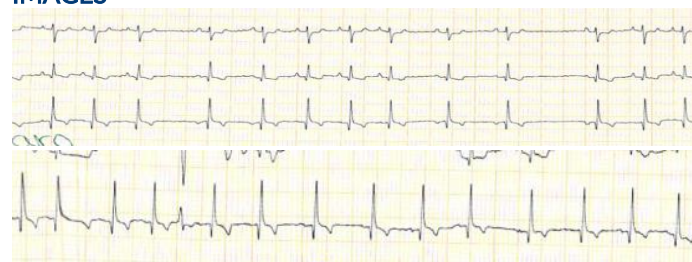
Anesthesia is not advised prior to further evaluation as above.

If further evaluation is declined, reassess ECG in 1-2 months, sooner if any clinical signs, a heart murmur or other issues arise in the interim.

IMAGING PERFORMED BY

Dr. Striano-Kaplan

IMAGES



NSR with pauses

APC and VPC

HOSPITAL NAME

Ramsey Veterinary
Hospital

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.

REFERRING VET

Dr. Striano-Kaplan

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.

INVOICE

24288

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DATE

5/19/22