



PRESENTING CLINICAL SIGNS

History: New arrhythmia. Well-controlled hypothyroidism. ECG WNL. Ehrlichia positive.

DATE

1/25/22

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

HR: 140 bpm

Rhythm: Sinus with VPCs

PERFORMED BY:

Dr. Ebersole

The underlying rhythm is sinus in origin. All sinus complex amplitudes and intervals are within normal limits. There are intermittent single monomorphic VPCs present. No atrial ectopy or conduction blocks are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

ASSESSMENT/RECOMMENDATIONS

Ventricular premature complexes (VPCs)

Freddy's ECG demonstrates the presence of intermittent VPCs. Given the absence of structural heart disease, it's possible that Freddy's arrhythmia could be secondary to cardiac conduction system disease, though consideration should also be given to non-cardiac causes, such as splenic/hepatic disease, iatrogenic hyperthyroidism, drug/toxin exposure, severe electrolyte abnormalities, and infectious/inflammatory disease. As only single VPCs are present, Freddy's current risk for the development of clinical signs, such as exercise intolerance or syncope, as well as sudden death, appears to be low, however, it's possible that his arrhythmia could be more severe intermittently.

PATIENT

Freddy Hill

SPECIES

Canine

A Holter monitor can be considered to more comprehensively evaluate the severity of Freddy's arrhythmia.

BREED

Flat Coated Retriever

Given the mild appearance of Freddy's arrhythmia, it's unclear whether antiarrhythmic therapy is necessary at this time. If extra caution is to be taken, therapy with sotalol (40 mg BID) would be warranted. Moderate exercise restriction is also recommended.

A recheck ECG is recommended in two weeks.

SEX

MN

AGE

11 y

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.

WEIGHT

85 lb

Keith Blass, DVM, MS, DACVIM (Cardiology)

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631-804-5754

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Sheridan



DATE

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PERFORMED BY:

Dr. Ebersole

INTERPRETED BY

Keith Blass, DVM,
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