



PRESENTING CLINICAL SIGNS

History: Runs of tachycardia noted during auscultation.

DATE

1/26/22

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

HR: 176 bpm

Rhythm: Sinus a VPC

PERFORMED BY:

Sara Pender

The underlying rhythm is a sinus tachycardia. All sinus complex amplitudes and intervals are within normal limits. A single VPC is present. No atrial ectopy or conduction blocks are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

ASSESSMENT/RECOMMENDATIONS

Ventricular premature complexes (VPC)

Hope's ECG demonstrates the presence of a sinus tachycardia, as well as a single VPC. As only a single VPCs is present, I suspect that the runs of tachycardia noted during Hope's physical exam were sinus, rather than ventricular, in origin, though this cannot be stated definitively. It's possible that Hope's VPC could be due to stress/anxiety, though consideration should also be given to the presence of structural heart disease, splenic/hepatic disease, drug/toxin exposure, metabolic/electrolyte abnormalities, and infectious/inflammatory disease, as possible causes.

PATIENT

Hope Butzier

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

SPECIES

Canine

As only a single VPC was seen in the submitted ECGs, antiarrhythmic therapy does not appear to be warranted at this time (unless a more severe arrhythmia is seen via Holter monitoring). Moderate exercise restriction is recommended due to the presence of a premature beat.

BREED

Leonburger

A recheck ECG is recommended in two months.

SEX

FI

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.

AGE

15 mo

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

111 lb

Keith Blass, DVM, MS, DACVIM (Cardiology)
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631-804-5754

HOSPITAL NAME

SVS Imaging

REFERRING VET

Dr. Gromalak



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Sara Pender

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