



PATIENT

Rookie Hawkins

SPECIES

Canine

BREED

Cavalier

SEX

Male Neutered

AGE

8 years

WEIGHT

41.4lbs

INTERPRETED BY

Maggie Machen Lamy,
 DVM DACVIM
 (Cardiology)

IMAGING PERFORMED BY

Crystal Hill, RVT

HOSPITAL NAME

Hawkins Animal
 Hospital

REFERRING VET

Dr. Hawkins

INVOICE

45975

DATE

12/2/25

PRESENTING CLINICAL SIGNS

History: Arrhythmia.

ELECTROCARDIOGRAPHIC FINDINGS

A six lead ECG is available at 25mm/s; 10mm/mV. The average heart rate is 130bpm (range 65-166bpm). The rhythm is sinus in origin, with a p for every QRS complex. The P wave morphology is positive with a normal dimension. Normal PR. The QRS morphology is positive with normal dimension. MEA is normal. A single blocked P wave is observed (2nd degree AV block). No ectopic beats, pauses or dysrhythmias observed.

ECG diagnosis: Normal sinus rhythm with respiratory variation. Rare 2nd degree AV block; suspect type I (Wenkebach).

*A second ECG was obtained 15 minutes following administration of atropine. The heart rate is 174bpm with a regular rhythm consistent with sinus tachycardia. AV block is resolved.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The Atropine challenge reveals a normal response, indicating high vagal tone is the cause of the initial findings of rare 2nd degree AV block. This is benign and does not warrant therapy. Causes of high vagal tone can be considered (GI/neurologic/respiratory disease v normal finding) as clinically indicated.

These findings do not pose a risk for general anesthesia. Due to high vagal tone, recommend pre-medication with a vagolytic.

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. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

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