

## SONUS HEALTH



# Bella Heart Scan Report

(15/03/2026 at 14:30)

Important Notice: The Sonus app is designed to support - not replace - care provided by a veterinarian. If you are concerned about your pet's health, you should always seek advice from or visit your veterinarian, and not rely on the app instead. The app's results do not constitute a formal medical diagnosis. If you are worried about your pet's health please seek immediate help from your veterinary provider regardless of any app results. A normal or unremarkable result from the app does not guarantee the absence of any medical condition. See full disclaimer at the bottom of this report.

## At a glance

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<b>HR:</b>	118 bpm
<b>HRV:</b>	34 (RMSSD)
<b>Murmur:</b>	Soft left-sided systolic murmur detected, grade II/VI, consistent with possible early mitral valve disease
<b>Arrhythmia:</b>	No indications detected
<b>Any other pathologies:</b>	No indications detected

**Overall Conclusion:** We have identified a soft systolic heart murmur on the left side of the chest, graded at II/VI. The heart rate is mildly elevated at 118 bpm, which may reflect mild anxiety during the recording or early compensatory changes. Heart rate variability is within an acceptable range. Given the breed predisposition of Cavalier King Charles Spaniels to myxomatous mitral valve disease (MMVD), we recommend an echocardiographic evaluation to assess the mitral valve structure and any associated chamber enlargement.

## In depth

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This is a cardiac wellness assessment of Bella, a 9-year-old female Cavalier King Charles Spaniel. The recording was obtained via the Sonus Health smartphone application and has been reviewed by a veterinary cardiologist.

Auscultation reveals a soft, left-sided systolic murmur graded at II/VI, best appreciated over the mitral valve area. The murmur character is consistent with mitral regurgitation, which in Cavalier King Charles Spaniels of this age raises the possibility of myxomatous mitral valve disease (MMVD). This is the most common acquired cardiac condition in this breed, with studies demonstrating prevalence rates exceeding 50% in dogs over 5 years of age.

Heart rate is recorded at 118 beats per minute, which is mildly elevated above the typical resting range for a dog of this size. This may reflect mild sympathetic activation during the recording period or could represent early haemodynamic changes associated with valvular insufficiency. Heart rate variability (RMSSD) of 34 ms is within the lower portion of the expected range for this breed and age group.

The heart rhythm is regular with no arrhythmias or ectopic beats identified. No gallop sounds, splitting of heart sounds, or other abnormal cardiac sounds were detected. There are no indications of respiratory compromise or laboured breathing.

Given the presence of a mitral murmur in a breed predisposed to MMVD, we recommend echocardiographic evaluation to determine the stage of disease according to the ACVIM consensus guidelines. Early identification allows for timely intervention, which has been shown to significantly improve outcomes. We advise monitoring for clinical signs including lethargy, exercise intolerance, laboured or fastened breathing, and reduced appetite. Regular cardiac monitoring every 6 to 12 months is recommended to track any progression.

Dr. J. Harrison, DipACVIM (Cardiology)

Important Notice

The Sonus Health App does not provide medical diagnosis, treatment or formal medical advice. The app is not intended to replace clinical evaluation, medical testing, or consultation with a licensed medical professional. The information and insights provided by the app, including heart rate, heart rate variability and chance of murmur analysis, are for informational use only and should not be used as a substitute for professional medical advice. It is intended to monitor general wellness. The app is not a medical device.

If you have any concerns about your pet's heart health, experience any symptoms, or require medical assistance, you should immediately seek advice from a qualified veterinary healthcare professional. A normal or unremarkable result from the Sonus Health App does not guarantee the absence of any medical condition. Likewise, any flagged potential irregularities should be followed up on by visiting a veterinary healthcare provider.

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