

# Rely on IDEXX Web PACS for timely canine cardiac assessment

**Medication at the appropriate stage can slow canine heart disease progression, prolonging a pet's life.<sup>1</sup>**

The IDEXX Web PACS\* suite of cardiac tools can help you quickly assess a patient's heart disease stage to make informed medication decisions and give clients the information they need for appropriate choices.

IDEXX Web PACS cardiac tools include:

- + **Automated vertebral heart score (VHS)** calculation, alone or with VLAS.
- + **Automated vertebral left atrial size (VLAS)** calculation, alone or with VHS.
- + **Trending graphs** displaying up to five VHS, VLAS, and NT-ProBNP scores over time.
- + **Cardiac ProBNP test results** (if available), displayed alongside the radiograph for additional insight.

All information is displayed together in the Advanced Viewer, for a single comprehensive view.

## VHS, VLAS, and Cardiac ProBNP:

IDEXX Web PACS\* cardiac tools deliver valuable information for screening, staging, and monitoring.

The screenshot displays a lateral chest radiograph of a dog. Two blue lines are drawn across the vertebral column to measure the vertebral heart score (VHS) and the vertebral left atrial size (VLAS). The VHS is labeled as 11.97 and the VLAS as 2.67. To the right of the radiograph, there are three trending graphs. The top graph shows VHS over time (Dec 18, Sep 19, Jun 20, Mar 21) with a score of 11.97. The middle graph shows VLAS over time with a score of 2.67. The bottom graph shows NT-ProBNP over time with a score of 1,800 pmol/L. Below the radiograph, there is a vertical menu with options: TTA, TPLO, VHS, VLAS, and a target icon. The VHS and VLAS options are highlighted with a red box. Red arrows point from the text labels to the corresponding elements in the screenshot.

**Autocalculated VHS and VLAS lines and scores**

**VHS, VLAS, and NT-ProBNP trending graphs**

**VHS and VLAS tools on the Advanced Measurements menu**

### Reference

1. Boswood A, Gordon SG, Häggström J, et al. Temporal changes in clinical and radiographic variables in dogs with preclinical myxomatous mitral valve disease: The EPIC study. *J Vet Intern Med.* 2020;34(3):1108-1118. doi:10.1111/jvim.15753.