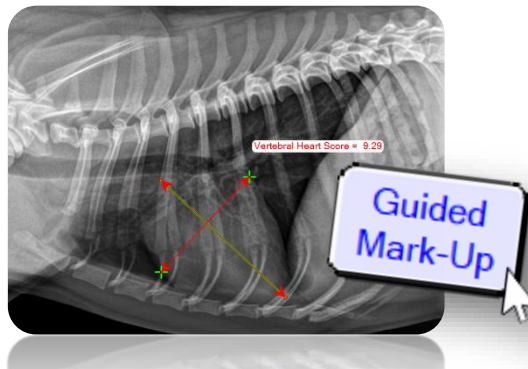




VHS-Guided Mark-Up in Metron



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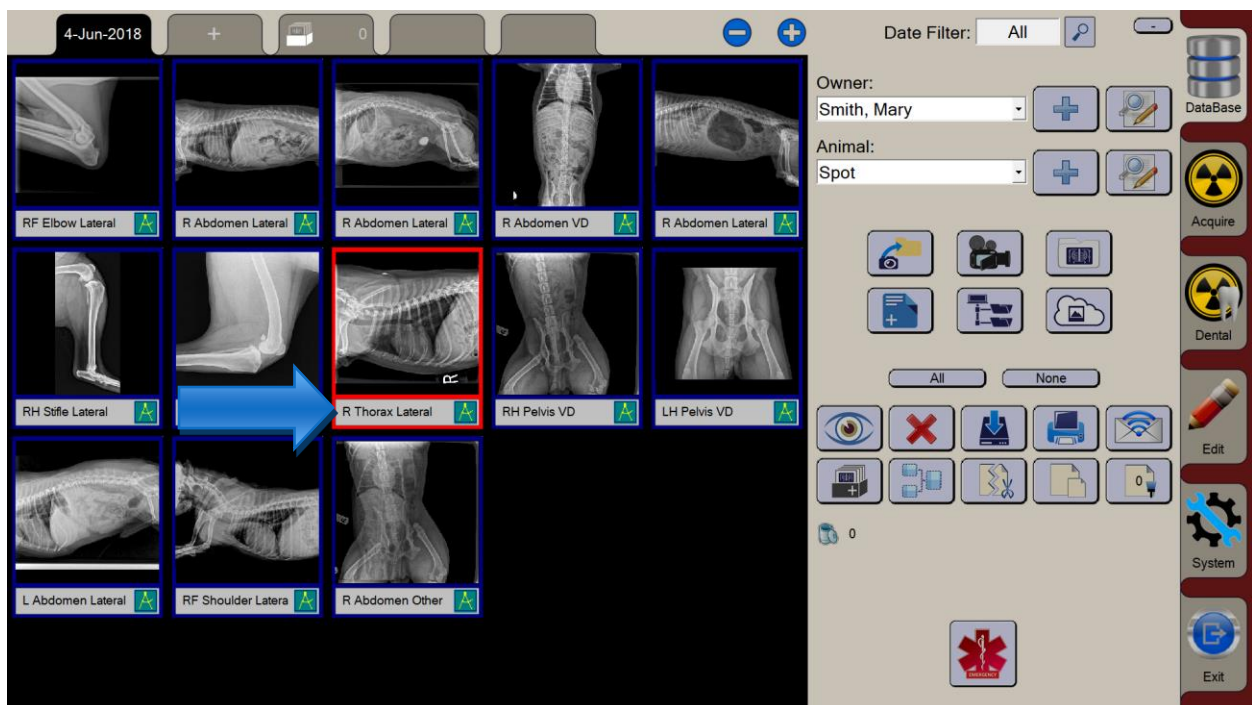
VHS-Guided Mark-Up in Metron

YOUR METRON ADVANCED IMAGING SOFTWARE IS CONTINUALLY BEING ENHANCED. WE LISTEN TO YOU, STRIVING TO ADD AND ENHANCE THE PRODUCT AND SERVICE TO ASSIST YOU WITH THE DIAGNOSIS AND TREATMENT OF YOUR PATIENTS.

Improved for your practice

Metron has made it even easier to pick the appropriate points in the Vertebral Heart Score (VHS) Guided Mark-Up process. In Metron 8, VHS is also now exclusive to the thoracic region.

Let Metron do the calculations for you. Complete four easy Guided Mark-Up steps to complete the set of parameters required for diagnosis.



Preliminary Steps

First, make sure the X-Ray is labeled as a **Thorax**. This will ensure the Guided Mark-Up button will display. Double-click the image (*indicated with a red border*)

Next, tap or click the **Guided Mark-Up Button**.

Guided
Mark-Up

This will bring up the **Radiographic Calibration** screen. Select the **No Calibration** button (indicated with red border) and click **OK**.

Let the Mark-Up Begin

The first two steps inside the Guided Mark-Up process are the same as previous Metron Software versions. Follow the step-by-step instructions picking the points on your X-Ray image to match the sample software image.

In each process step, pick the points on your image. If you want more detailed directions, click the **Help** button. Once points are picked, click **Next Step>>** to continue.

1: Indicate length of 5 vertebrae by picking two points. (Figure 1)



Radiographic Calibration

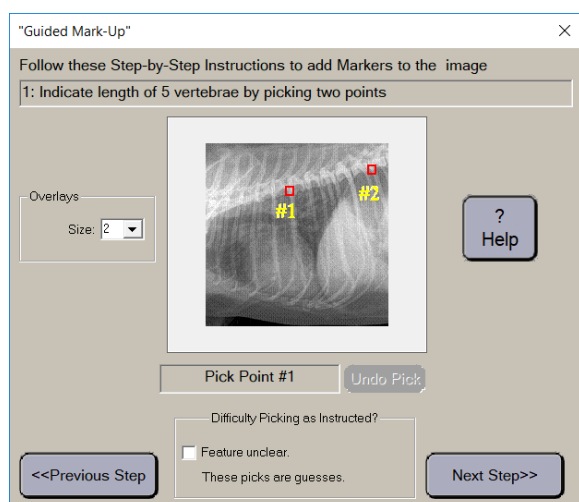


Figure 1

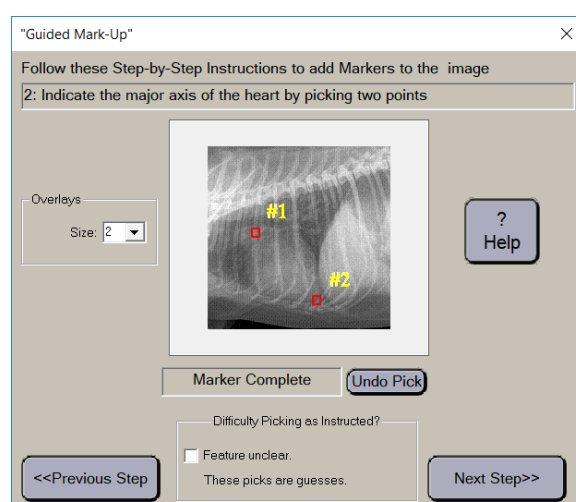


Figure 2

2: Indicate the major axis of the heart by picking two points. (Figure 2)

In Metron 8, Step 3 is now just one click!

3: Pick one point on the left side of the heart at its widest point. (Figure 3)

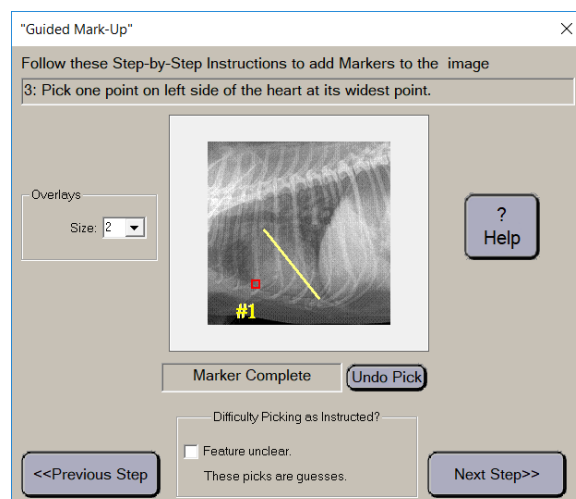


Figure 3

The fourth step has been added to simplify where to place your point on the right side of the heart.

4: Pick a point on the yellow line where it crosses the right side of the heart.

A perpendicular yellow line is drawn for you so you can place your point on the line at the widest point of the heart. This added convenience greatly improves the VHS accuracy. (Figure 4)

Once you complete all four steps, you will be brought to your **Computed Parameters**. This area includes all the measurement results based on your picked points. Since the image was not calibrated, the linear measurement will display in blue. (Figure 5)

Select the **Next >>** button one last time to bring you to the **Computed Parameters and Rule-Based Scoring** panel where you can compare the VHS score to best values.

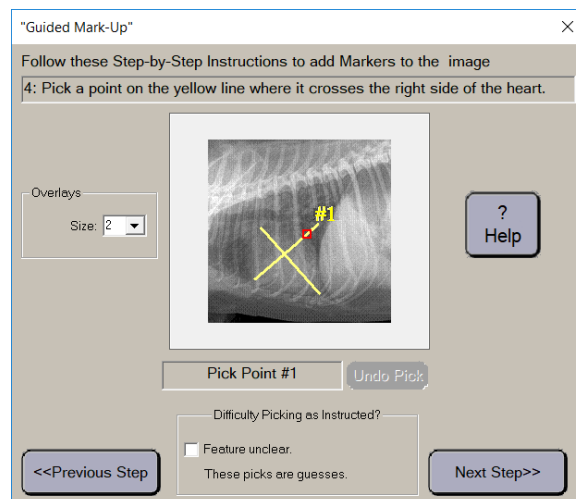


Figure 4

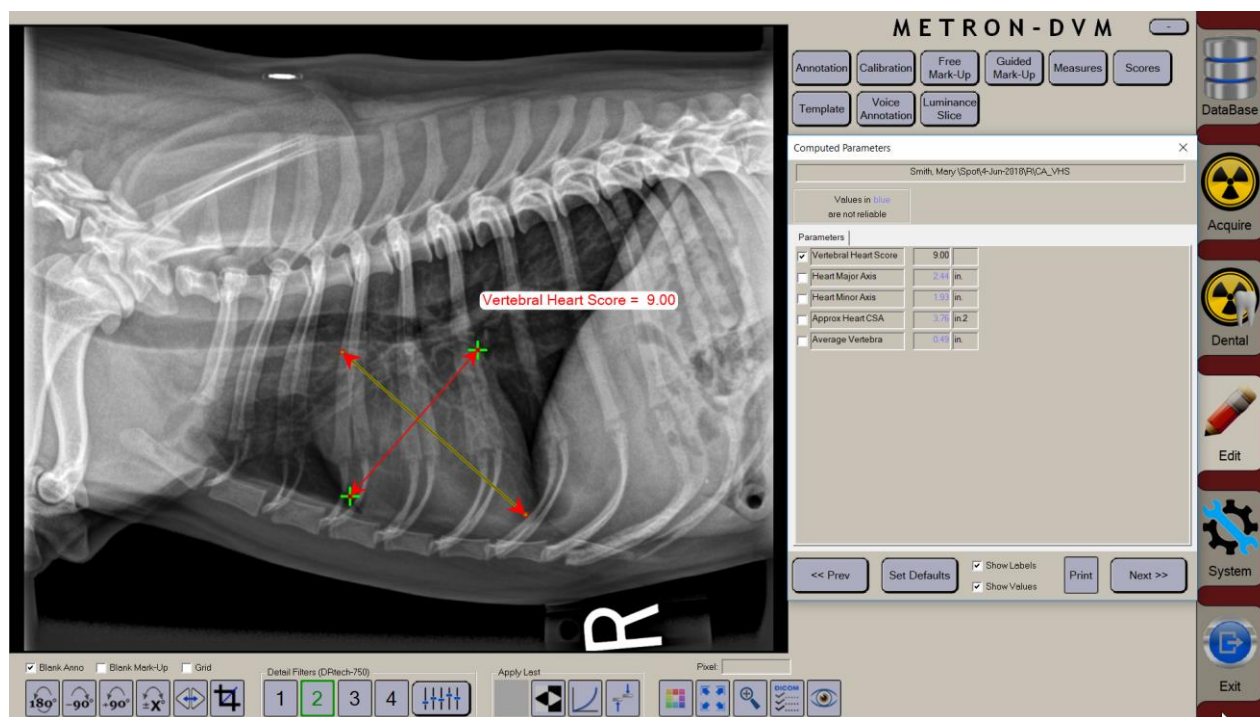


Figure 5

Note: After exiting Metron, your Guided Mark-Up measurements are saved. From the Database Browser, double-click the image (indicated with red border), then click the **Measures or Scores** buttons to again view your res

Your VHS Mark-Up on this X-Ray can be shared in many different ways.

You can post it to the Metron Web Viewer, email it, create a report, or even send it to another location. (Figure 6)

If you no longer wish to see the VHS Mark-Up you can temporarily hide it by selecting **Blank Mark-Up** wherever you see it in Metron.

☒ Blank Mark-Up

Also, you can permanently remove the Guided Mark-Up by clicking the **Measures** button and removing the checkmark under **Parameters** for Vertebral Heart Score. (Figure 7)

If you have any questions on how to use the enhanced version of the VHS Guided Mark-Up, contact your Metron Support Services Team.



Metron Web Viewer

User ID:

Password:

Figure 6

Parameters		
☒	Vertebral Heart Score	9.00
☐	Heart Major Axis	2.44 in.
☐	Heart Minor Axis	1.93 in.
☐	Approx Heart CSA	3.76 in.2
☐	Average Vertebra	0.49 in.

Figure 7



Contact us if you have additional questions.
We can be reached at metron@metronsupportservices.com or 1-877-638-3868.