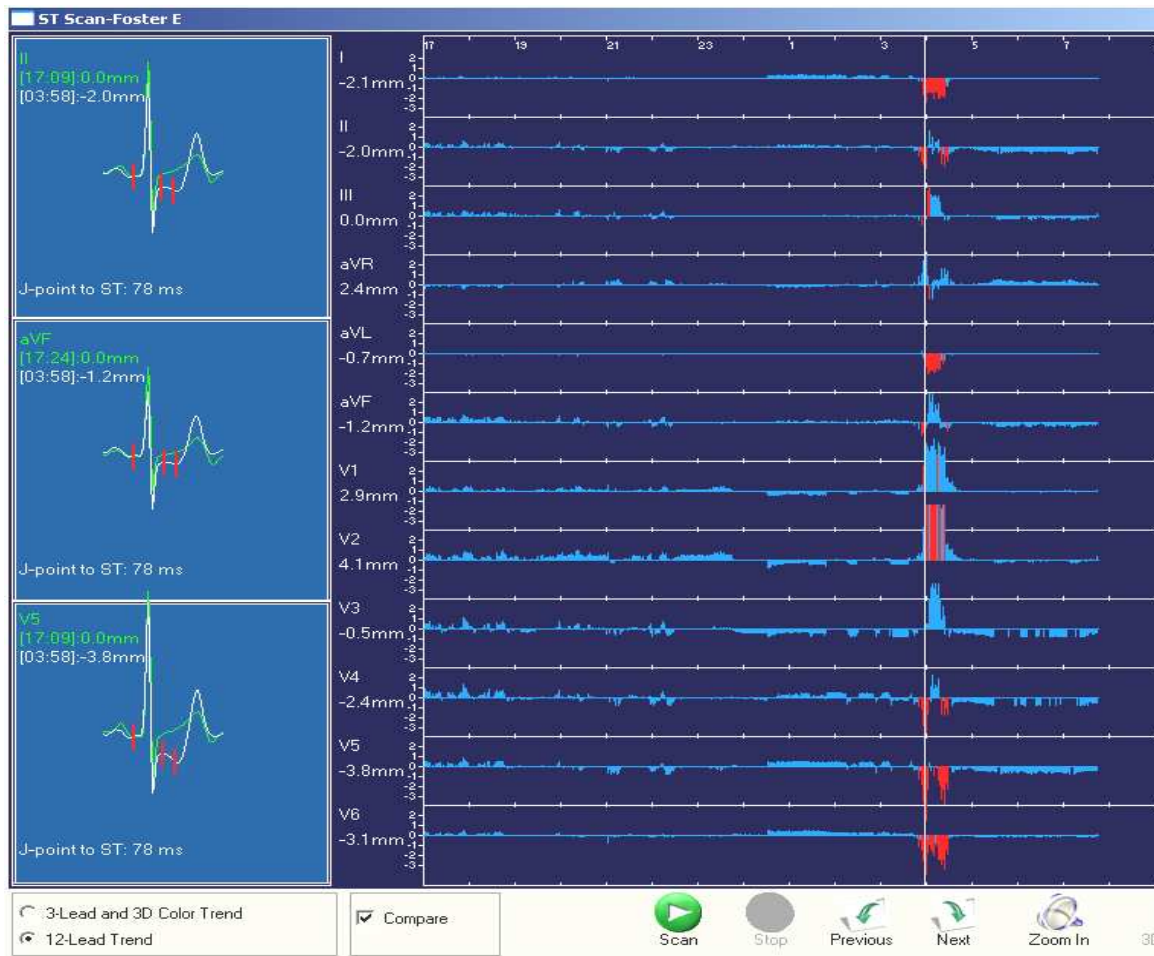


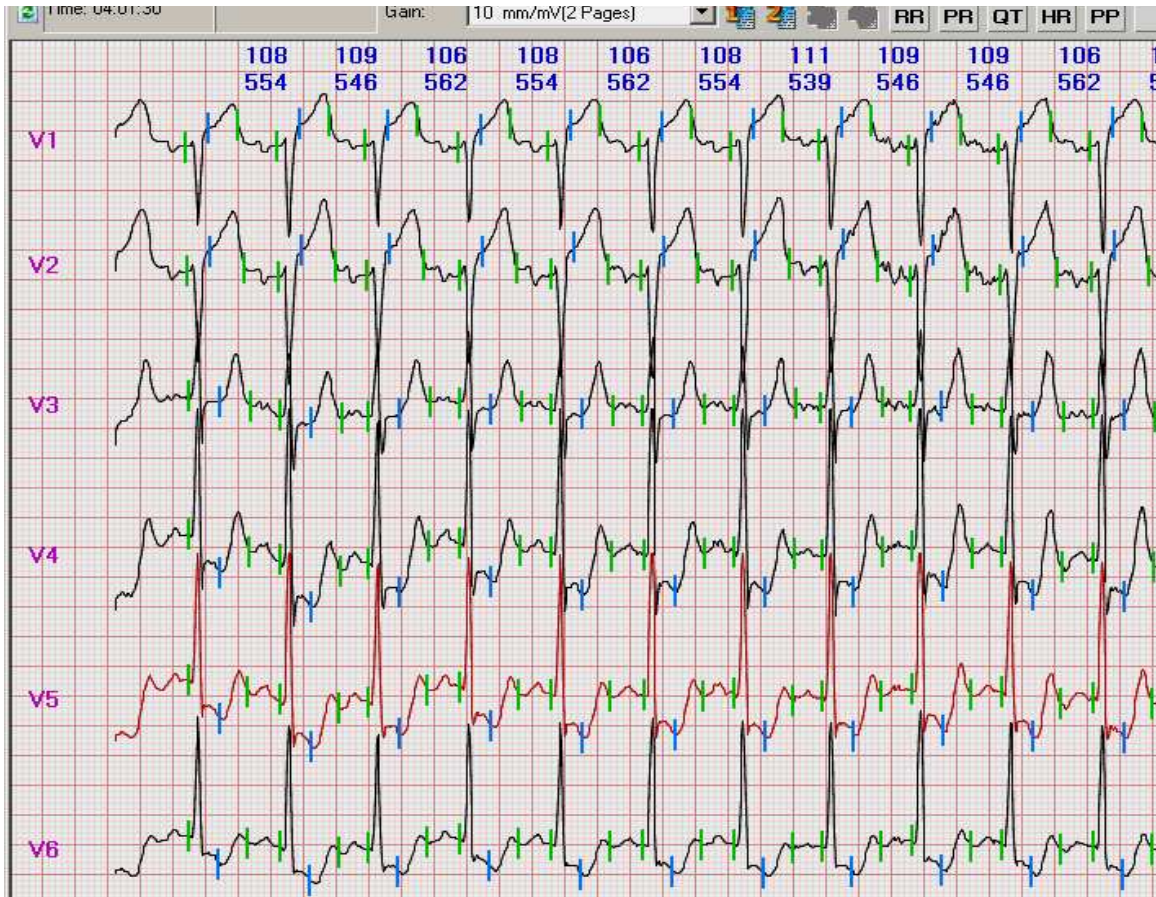
CardioScan-12 Holter ECG System

ST Segment

ST analysis is done for both 3-Lead and 12-Lead ECG recordings. The 3-Lead ECG recordings are up to a 7-day time period. The 12-Lead ECG recordings are up to a 3-day time period.

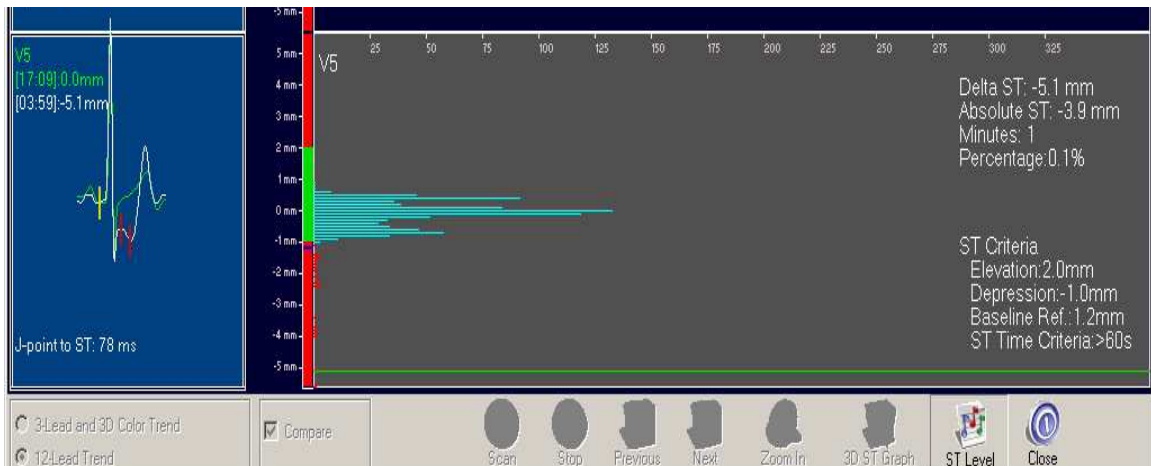


This is a 12-Lead ST graph showing significant ST Depression in Leads II, aVF, and V5.

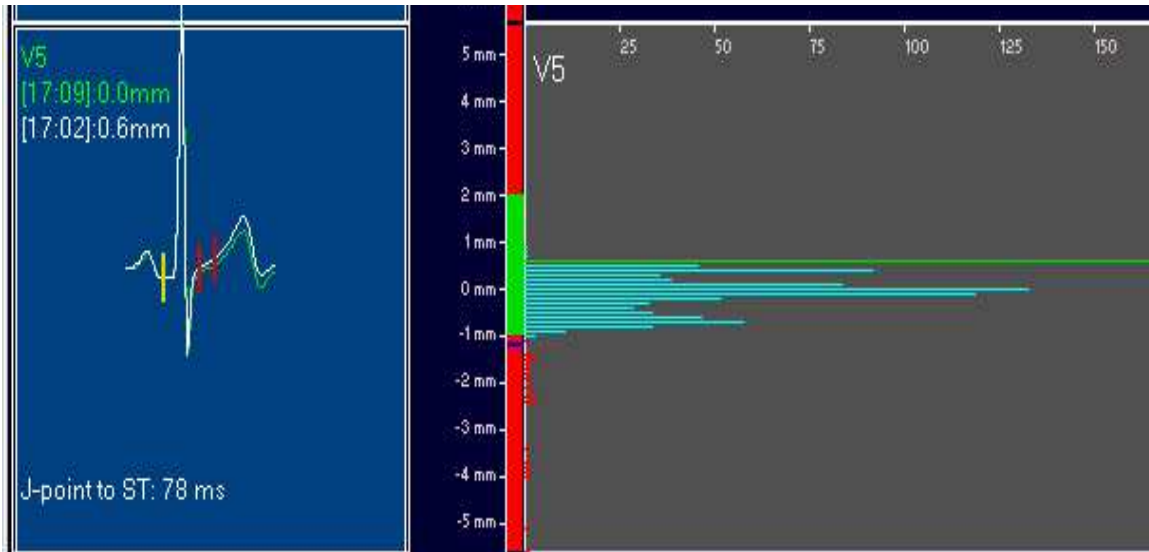


The ST Depression is shown with green markers showing the QT interval, and the blue markers showing the location for selecting the ST depression measurement. The blue marker provides verification and validation that the ST analysis was performed accurately.

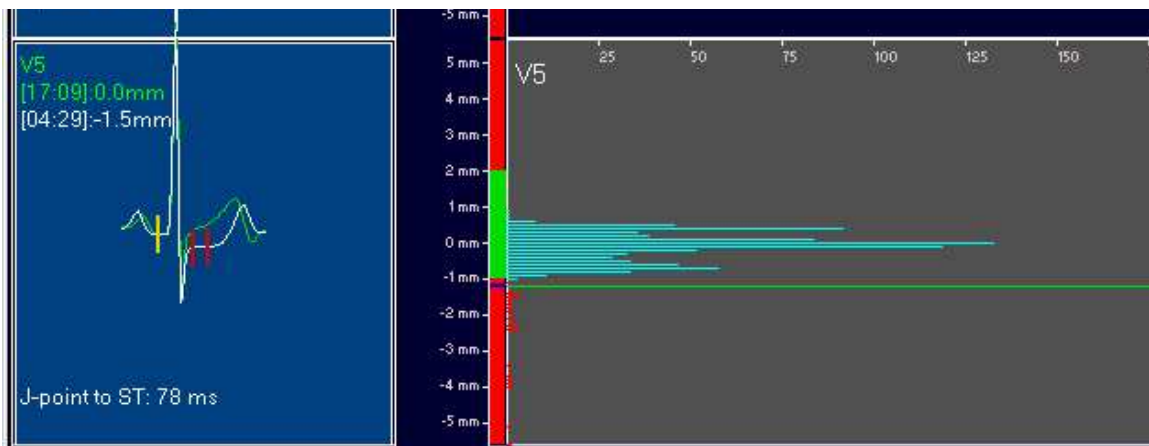
The next screen display shows that any Lead can have its entire 24-hour time period be analyzed for ST in less than five (5) seconds.



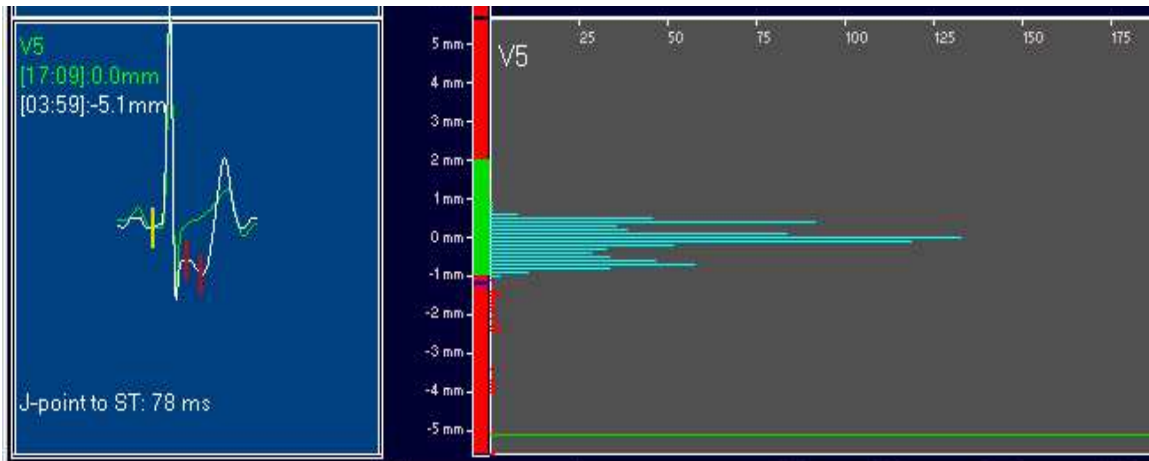
This screen display shows V5 and all the ST levels that occurred during the 24-hour Holter ECG recording.



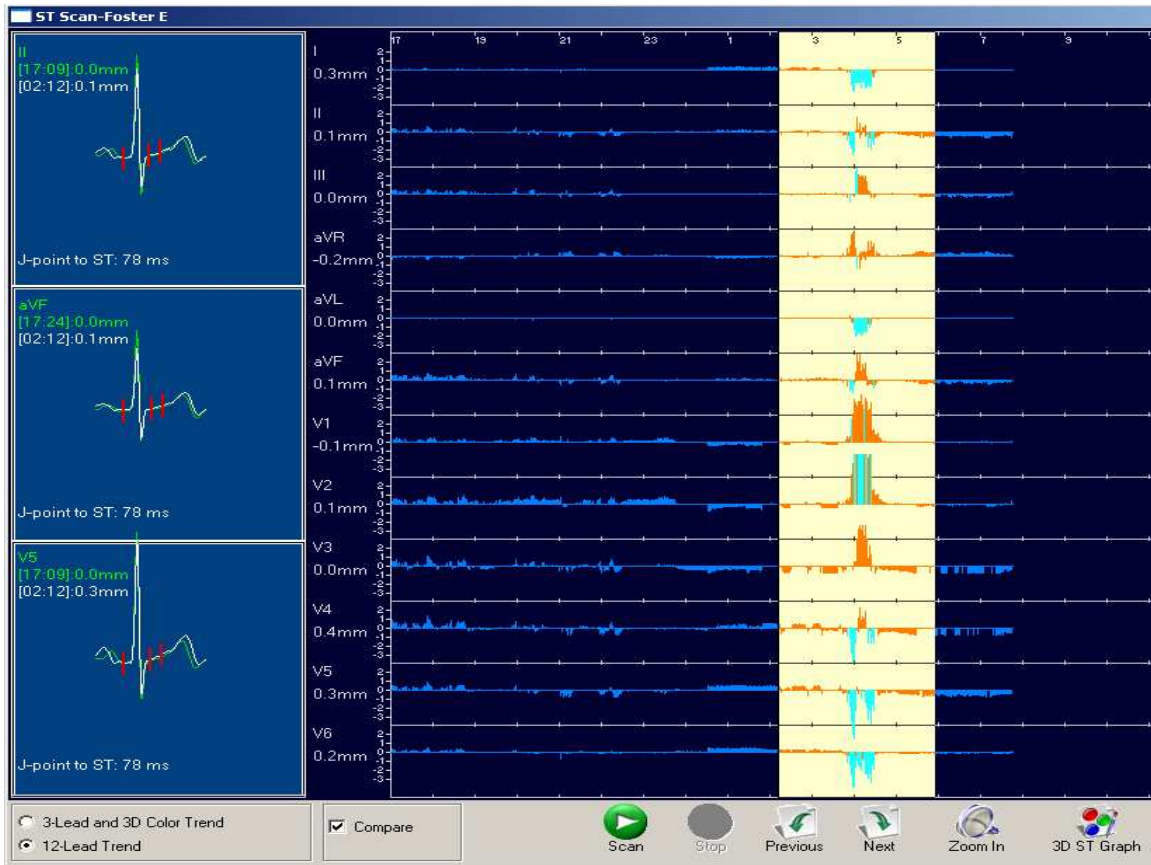
- The V5 ECG is a superimposed ECG.
- The green ECG is the ST at the patient's normal Delta 0 level.
- The white ECG is the ST level at all ST levels above and below the Delta 0 baseline reference.
- The horizontal blue lines at the right side of the display are the quantity of minutes at the various ST levels during the 24-hour recording.
- By pressing the down arrow key, the long green line will move downward through the various ST levels.
- To go from top to bottom takes less than 5-seconds.



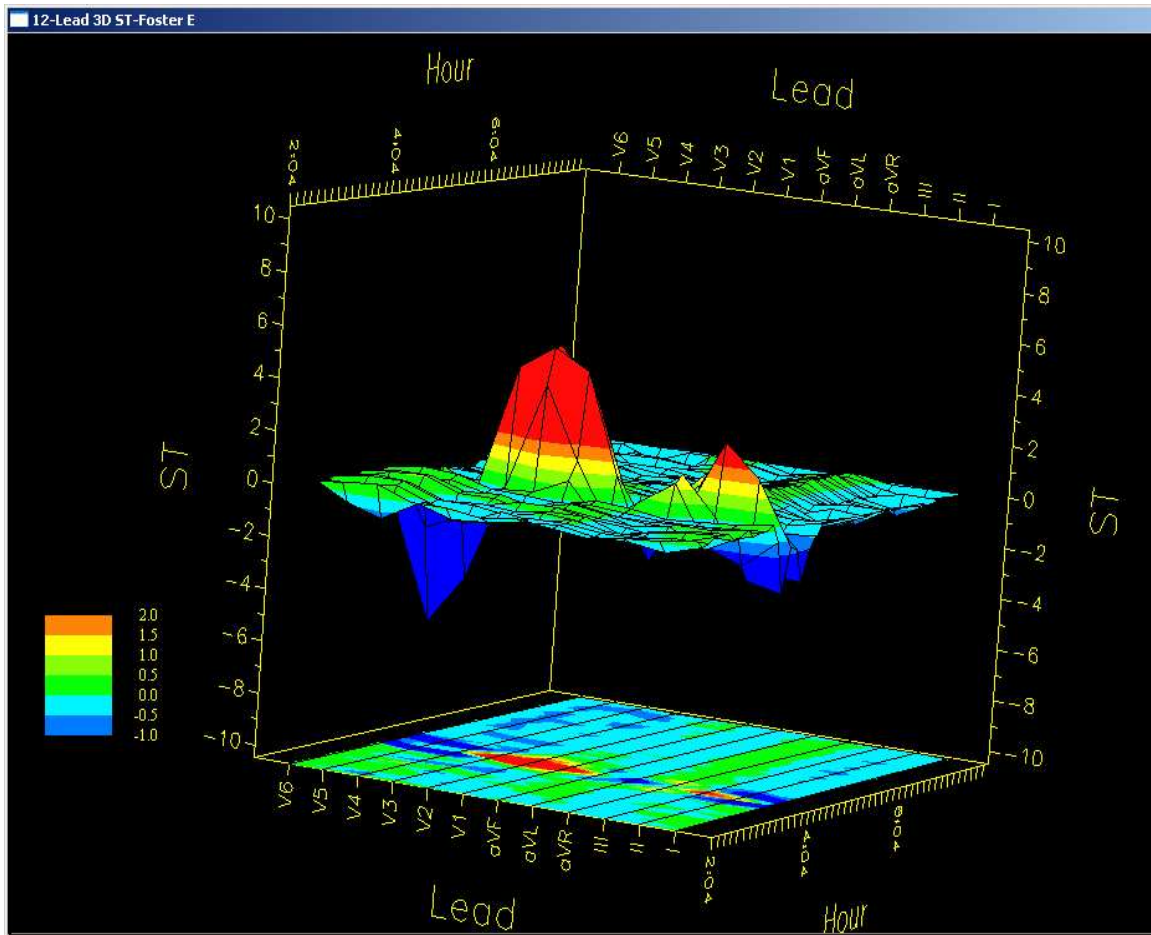
As the green marker is moved down, the ST depression becomes obvious. The white ST is significantly depressed versus the patient's normal ST level. The vertical markers show the location of the PR baseline, the J-point, and the ST-point. The ST is 78 ms post the J-point, and the depression is -1.5 mm.



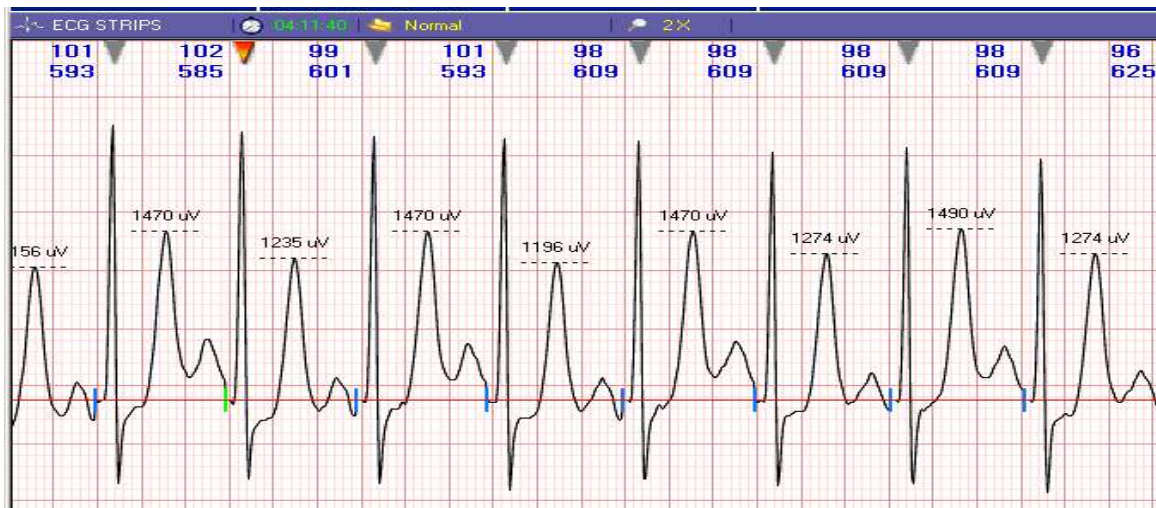
In less than 5-seconds all ST levels have been viewed for the 24-hours. The long green horizontal line is at the bottom of the ST levels, and the ST depression is shown at -5.1 mm.



When you do a point and drag pre and post the ST depression in the 24-hour ST graph, you start the process for viewing the 3D ST activity. After the point and drag, click on the icon for 3D ST Graph.



The blue color shows the significant ST depression in the V4, V5, and V6 Leads, as well as Lead II.



Note the T-wave Alternans which was recorded a few minutes after the significant ST depression shown on the prior displays.