

Simplifying Cardiovascular CT

Automation is the key to successful workflow

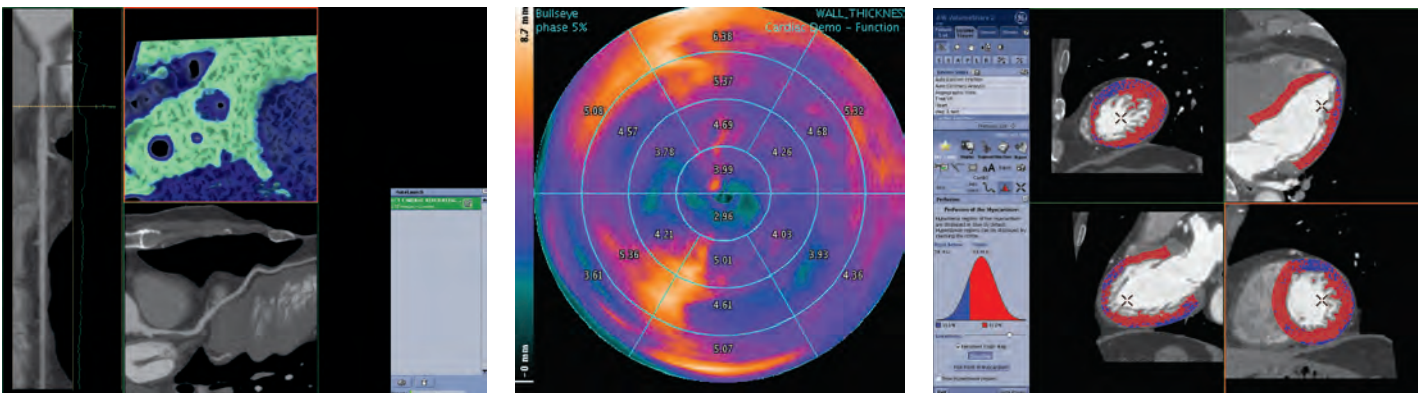
CardIQ™ Xpress 2.0 and CardIQ Function Xpress now offer new pre-processing and auto launch features that simplify workflow so clinicians can efficiently read cardiac CT studies. After acquiring single and multiphase data from a cardiac CT exam, the images are transferred to the workstation and data is placed in a queue. The application automatically computes the coronary vessel analysis, 3D angiographic, vessel tree, heart views, and functional data. With the new auto launch feature, a typical cardiac exam containing 3,000 or more images will load immediately, eliminating any waiting time and dramatically improving workflow.

CardIQ Xpress 2.0 also features a relative perfusion tool for users to visualize a diseased vessel and determine if there is a correlative rest perfusion defect. By utilizing

the IVUS-like feature, the clinician highlights the calcium and non-calcified plaque in the lumen with a volume rendered view to determine patency.

The new CardIQ Function Xpress software offers the benefit of left ventricular function analysis and also automatically calculates right ventricular function and right and left atrial volumes for a complete picture of the patient's cardiac profile.

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