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Cardiology Imaging

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Streamline cardiology imaging with GE Healthcare

As the landscape of cardiovascular care continues to evolve rapidly, cardiology departments are seeking innovative cardiology imaging solutions that can help to improve outcomes for patients while lowering costs, driving revenue and serving the needs of clinicians and departments across multiple facilities and locations. To meet these requirements, GE Healthcare provides integrated tools for cardiology imaging and workflow within Centricity™ Cardio Enterprise¹, a suite of solutions that bridges the gaps between cardiology service lines and healthcare information systems while delivering a unified view of cardiology imaging.

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Managing the complexity of cardiology imaging

Cardiovascular disease remains the leading cause of death in the US. With an aging population, healthcare providers will likely continue to see a rise in demand for cardiology imaging.

Every Cardiovascular Department relies on a complex mix of devices, systems and tools to care for patients. A robust Cardiology imaging solution can help streamline workflows by consolidating disparate systems and providing a single-point-of-access to patient data, waveforms and images with full diagnostic tools and documentation capabilities. This can empower clinical teams to work together and share information quickly and efficiently using the same set of tools for cardiovascular.

A robust cardiology imaging solution can help by streamlining workflows and providing tools that enable clinicians to focus on treatment rather than managing complex software with multiple menus. The right cardiology imaging technology must be able to consolidate data from multiple imaging systems while also allowing providers to easily work with multiple modalities on a single platform.

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Centricity™ Cardio Enterprise: comprehensive tools for cardiology imaging

GE Healthcare's Centricity Cardio Enterprise is a comprehensive cardiovascular information technology solution with structured reporting, cardiology imaging, and workflow, along with advanced analysis and analytics tools for managing cardiology imaging and cardiology workflow. With easy scalability to meet the changing needs of an organization, Centricity Cardio Enterprise delivers remote, web-based access to cardiology imaging and data across specialties, making it easier for care teams to collaborate regardless of location.

Providing a single point of access for patient data, waveforms, images, and reports along with end-to-end management, analysis and workflow tools. Centricity Cardio Enterprise helps enable all the devices and systems that cardiovascular departments rely on to work together to help provide better care for patients.

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Enhance patient care. Collaborate more easily. Empower physicians.

Centricity Cardio Enterprise helps enable cardiology teams to:

- Develop meaningful insights through sophisticated reporting tools that analyze data from multiple information systems and cardiovascular service lines.
- Make it easier for diverse clinical teams to collaborate and share information.
- Streamline data capture and improve image archiving and visualization with cardiovascular monitoring and imaging devices from GE healthcare and other third-party vendors.
- Help enhance patient care with workflows that have been proven and refined over 35 years of providing advanced CVIT solutions.
- Empower physicians to spend more time with patients and less time at the computer, thanks to side-by-side physician reporting tools and quick reports that document typical results with just a few clicks.

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A universal viewer for cardiology imaging

To help improve access and streamline workflows for cardiology imaging, GE Healthcare provides a unified, web-based diagnostic viewer in Centricity™ Universal Viewer. This Centricity PACS solution enables clinicians to easily interpret, analyze and collaborate across multiple modalities, accessing images via a web browser on their preferred devices wherever there is an Internet connection. With Centricity Universal Viewer can help cardiology teams:

- Improve cardiology workflows using a central, intuitive workspace that makes it easy to organize, prioritize and manage exams.
- Help make faster, more informed decisions with tools that let clinicians find, view and leverage data more quickly.
- Store, secure and retrieve images from a single source for coronary and vascular analysis, volume analysis, nuclear cardiology, and echo measurement and analysis tools such as 2D strain, 3D and 4D visualization.

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FAQs: what is cardiology imaging?

What is cardiology imaging?

Cardiology imaging encompasses the variety of imaging techniques used to evaluate and diagnose cardiovascular conditions in patients. Cardiology imaging may include coronary and vascular analysis, stenosis analysis, echo analysis, ventricular analysis, stress echo analysis, and advanced 3D/4D echo analysis tools such as strain analysis and intima media thickness (IMT) measurements.

What is a Cardiology PACS?

A cardiology picture archiving and communication system (CPACS) is a system for storing, securing, managing and viewing images used to diagnose and treat cardiology patients. A CPACS enables clinicians to find and review images faster, to share images more easily and to streamline the complex workflows related to cardiology care.

What is a CVIS?

A cardiovascular information system, is a software application that provides tools for streamlining workflows, managing data and images, automating processes, tracking inventory, creating reports and improving patient throughput and staff efficiency in a cardiovascular.

Ready to talk to us about GE Healthcare's Centricity Cardio Enterprise Solution?

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REFERENCES

1. Centricity Cardio Enterprise is a solution comprised of Centricity Universal Viewer and Centricity Cardio Workflow.