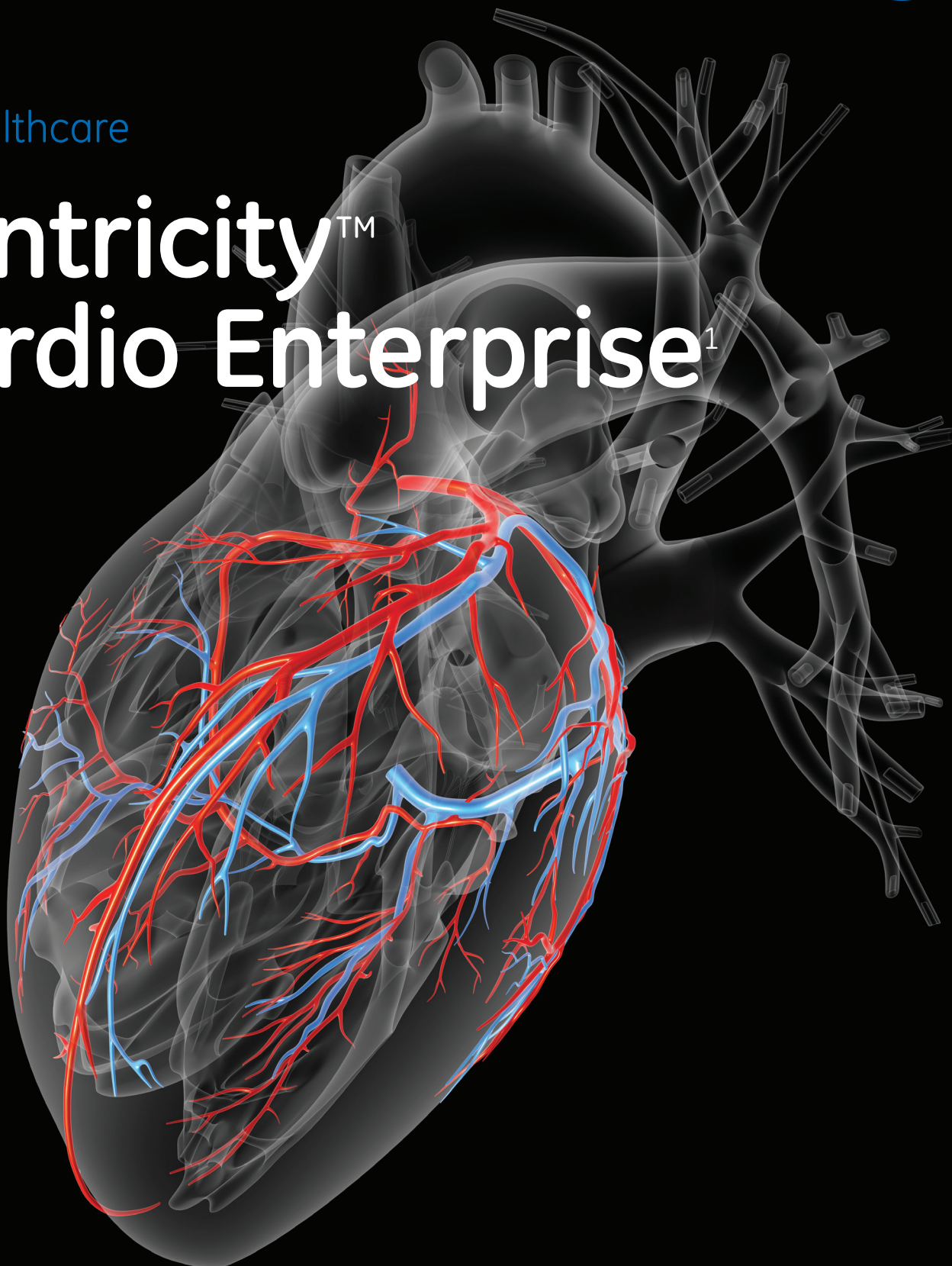




GE Healthcare

CentricityTM Cardio Enterprise¹



www.gehealthcare.com/cce

Centricity Cardio Enterprise is comprised of the Centricity Universal Viewer and Centricity Cardio Workflow.

Innovating with Centricity™ Cardio Enterprise

A comprehensive solution brings order to a complex care area

The landscape of cardiovascular care is changing ... rapidly. With an aging population across the globe, new innovative cardiac procedures blend what traditionally have been separate departments and bring a stronger focus on evidence-based medicine. Cardiology departments are facing new challenges to deliver better outcomes to their patients while also ensuring superior physician and

employee satisfaction, higher revenues and lower operational costs.

All these factors demand a fundamental shift in the cardiovascular IT paradigm — and finding the right cardiovascular IT solution to meet these changing needs is no easy task.

The solution must match high-tech medicine with innovative healthcare,

serving the needs of clinicians in one on one care as well as entire departments, even when they extend across multiple facilities and locations. It must help IT departments consolidate disparate systems and provide physicians relevant patient data and images, with full diagnostic analysis tools and documentation capabilities — from virtually anywhere.¹

The solution is Centricity Cardio Enterprise

GE Healthcare's Centricity Cardio Enterprise bridges the gaps between cardiology service lines and healthcare information systems, across the multi-location continuum of cardiovascular care. Centricity Cardio Enterprise provides

cardiologists remote access to unified patient data, waveforms, images and reports with end-to-end configurable workflows. Centricity Cardio Enterprise is a powerful tool that allows cardiologists and cardiovascular staff to enhance

patient care through full clinical access, improved productivity and improved financial performance. A modular architecture and licensing model allows Centricity Cardio Enterprise to scale to organizational needs.

1. Where there is an internet connection available.



"With the help of GE, we have interfaced all of [our] systems. We can review all modalities right there, discuss it, and be able to provide care and real-time decisions."

Dr. Matthew Wilkett, DO,
Chief of Cardiology, Oklahoma State
University Medical Center

A one-stop-shop enables faster, more informed decisions

With more than 35 years of experience in delivering advanced cardiology IT software solutions, GE Healthcare devised the formula that is the basis of Centricity Cardio Enterprise:

Cardiology clinical
knowledge

+

Flexible, advanced
IT infrastructure

+

Cardiology
user input

=

A best-in-class
solution

Built to provide vendor-agnostic connectivity to your clinical acquisition devices, with a web-deployable client and remote access to diagnostic quality images and analysis tools, this enterprise cardiovascular solution puts you in control. Workflow and reporting solutions leverage years of collaboration with cardiologists, nurses, sonographers, technicians, IT and administrative staff to help you streamline care from initial assessment through to diagnosis, treatment, follow-up and departmental administration. Centricity Cardio Enterprise enhances the EMR with insight from the diagnostic devices in a way that

brings meaningful and actionable information to the broader care team.

As countries around the globe shift toward value-based care, and reimbursement requirements depend more on data registry submission and care quality measures, it is increasingly important to track measures such as ejection fraction across echo and nuclear studies. Running queries across patient studies to analyze measures such as ejection fraction and aortic stenosis can also help inform Valve Clinic programs, a rapidly expanding area of care. The minable discrete data from multiple service lines found in Centricity

Cardio Enterprise demonstrates the true value of electronic documentation. The descriptive, predictive and prescriptive insights that can come from analytics platforms like Healthcare Insights can help drive clinical, operational, and financial enhancements from the discrete data.

2015 Frost and Sullivan award recipient

Centricity Cardio Enterprise earned recognition from Frost & Sullivan with the 2015 North American Market Leadership

Award in Cardiology Informatics.



Making cardiovascular IT work for Invasive Cardiology

Centricity Cardio Enterprise enables cardiologists to enhance patient care through full clinical access, optimized productivity and improved financial performance.

We know the invasive lab. GE Healthcare's close customer collaboration and broad knowledge base in cardiovascular imaging, monitoring devices and workflow allowed us to create a fully integrated solution, separating us from the pack.

Our comprehensive platform provides clinical, operational and administrative teams the ability to extract discrete quality

data typically in real time, analyze that data and make them readily available to external stakeholders. During procedures, interventions are documented including details on the use of balloons, stents, guidewires and other devices. Procedural data automatically flows into Centricity Cardio Workflow so it can be utilized for the report and billing — an advantage of single-vendor integration.

REPORTING SPEED: "Physicians finish most cath reports within 5 minutes¹ and even before the patient leaves the cath lab."^{2,3}

COMPREHENSIVE DOCUMENTATION: "From the perspective of the bottom line, decreasing length of stay brings the single biggest boost to economics. And because procedures are more efficient, per-day volume stands to increase — and billing can be done right away, on the heels of the instant and more complete reporting. Think complete documentation and reporting, and quick charge capture."⁴

FINANCIAL PERFORMANCE: "Enhanced charge capture and billing by \$100,000/month and reduced time needed to capture charges from 90 minutes to less than 2 minutes/case."^{5,6}



1. Testimonial: Centricity Cardio Enterprise, Cardiologist Testimonial, <https://youtu.be/FarkMg8527E>
2. Webinar: Linking Cath Labs & Informatics: Growing a PCI (Percutaneous Coronary Intervention) Program
3. Reporting speed is not guaranteed and results may vary
4. Mary Jo LaPosta, MS, PhD, RN, Senior Vice President, Patient Care and Organizational Excellence and Chief Nursing Officer, Saratoga Hospital, Saratoga Springs, N.Y.
5. Testimonial: Centricity Cardio Enterprise Cath Lab Workflow, <https://www.youtube.com/watch?v=3y9BuKhUVp4>
6. Results may vary and the specific financial performance is not guaranteed.



“With Centricity Cardio Enterprise and its integration with Mac-Lab™, at the end of the case, I can already start my report. The appropriate equipment and hemodynamics are already in the reporting system as well as what I did if there was an intervention.”

Gary Idelchik, MD, Interventional Cardiologist, Saratoga Hospital, Saratoga Springs, N.Y.

Webinar¹: Linking Cath Labs & Informatics: Growing a PCI (Percutaneous Coronary Intervention) Program

Information is at the “heart” of cardiovascular care. Quality patient care is dependent on making critical decisions, and this can’t be accomplished without simple, rapid, and comprehensive access to the cardiology patient record. The ability to obtain relevant patient data in a timely fashion is not only crucial to making informed clinical decisions, it also helps enhance your workflow, your department’s efficiency, and your profitability.

With many powerful workflow enhancement options that can be tailored to your particular solution, you can expect to help:

- Reduce paper-driven workflows through robust device connectivity and advanced CVIS data documentation tools
- Reduce redundant data entry and be able to focus on patient care, not multiple documentation systems
- Auto-distribute your physicians’ and nurses’ reports to multiple destinations¹
- Streamline your billing charge capture process through uploading of your procedure charges and user-defined charge codes
- Enhance your revenue through accurate charge submission and correlating physician documentation to submitted charges
- Eliminate the need to manually count your on-shelf supplies with our advanced inventory control module, reducing errors and driving your on-shelf supply usage
- Ensure data consistency between monitoring devices, reporting solution, and registry data with native Data Registry submission modules, certified directly by GE Healthcare

“As we expand the types of cardiac care we offer, we decrease the number of [patient] handoffs [and potential lack of continuity in care]...GE Centricity Cardio Enterprise enhances the elegance of those handoffs.”

Mary Jo LaPosta, MS, PhD, RN, Senior Vice President, Patient Care and Organizational Excellence and Chief Nursing Officer, Saratoga Hospital, Saratoga Springs, N.Y.

Webinar²: Linking Cath Labs & Informatics: Growing a PCI (Percutaneous Coronary Intervention) Program

1. Where there is an internet connection available.

2. Webinar: Linking Cath Labs & Informatics: Growing a PCI (Percutaneous Coronary Intervention) Program, October 2015, <http://www.cardiovascularbusiness.com/ge-healthcare>

Simplify your EP and Cardiac Rhythm Management practice in hospital and at follow-up

Facilitating critical thinking. Helping you focus. The Centricity Cardio Enterprise Electrophysiology (EP) and Cardiac Rhythm Management (CRM) modules are designed to help physicians, nurses and staff focus on the patient, not the process.

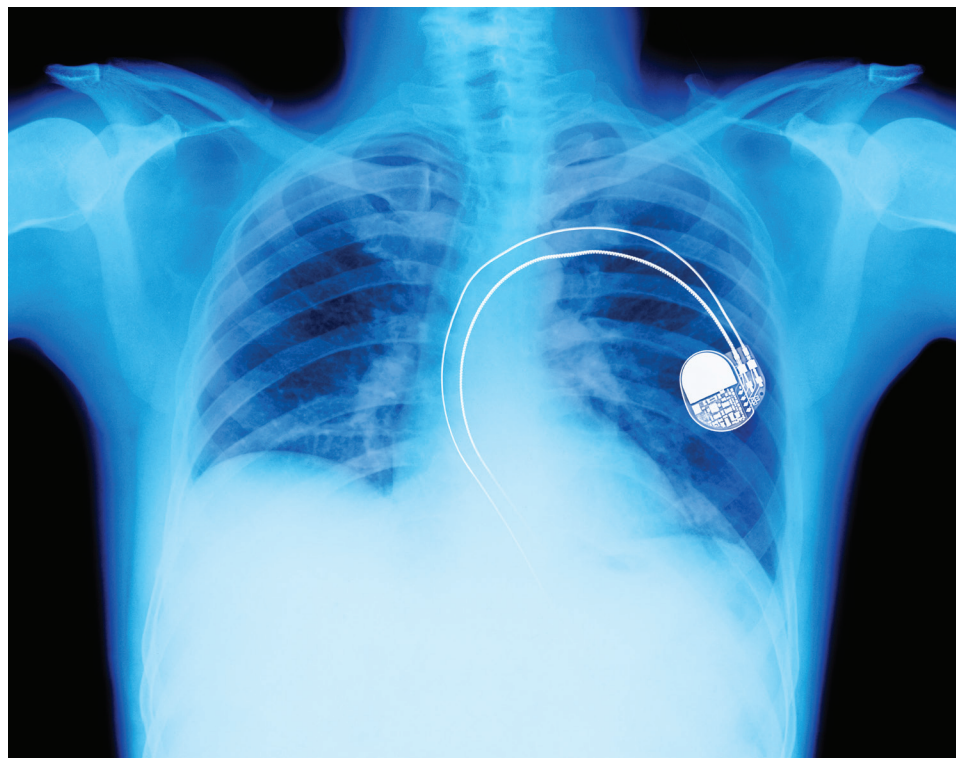
ELECTROPHYSIOLOGY

Our integrated technologies are designed to address your EP needs and to help reduce the distractions of a hospital environment. GE Healthcare understands electrophysiology at a healthcare level, which puts us in rare company. We understand the clinical and operational struggles you face every day — and work with you to enhance patient care and business operations.

SURROUND YOURSELF WITH RELIABILITY.

Diagnosis and treatment of the most complex cardiac conditions require intuitive, accurate, and reliable equipment. Starting with our CardioLab¹ Recording Systems and Innova™ X-ray Systems, the GE Healthcare suite of EP technologies empowers EP physicians with capabilities that enhance your ability to perform the most complex procedures with confidence.

From the moment your patients are admitted, through diagnosis, treatment, and billing, Centricity Cardio Enterprise is an intuitive system with the features and automation capabilities to support your efficiency and to help you provide exceptional quality of care. Comprehensive reporting is critical in electrophysiology.



Efficiently compile images, waveforms, and patient tests in depth and easily.

CARDIAC RHYTHM MANAGEMENT

Through our partnership with Scottcare™, this module can import implant and follow-up data using IHE IDCO profile to provide data in HL7 and XML formats.²

This streamlined interface brings data from proprietary devices into Centricity Cardio Workflow, where it can automatically pre-populate reports, thereby reducing error-prone manual data entry. More data can get to the report and ultimately to the EMR, more easily.

1. Some programmers require use of USB drives to transfer data to Centricity Cardio Workflow client, depending on programmer interface.
2. Currently tested for single org customers.

Anytime, anywhere¹

Advanced analysis tools, diagnostic quality images, and automated data flow speed up decision making.

EchoPac™ Plug-In

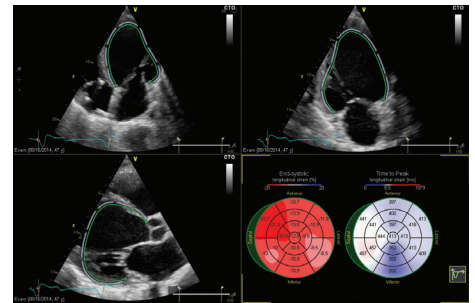
Our innovative software allows you to shift more of your analyses and workload from your ultrasound system or dedicated workstation to Centricity Universal Viewer for remote access to the sophisticated tools you know from EchoPac. Combined with the Vivid™ line of ultrasound carts and their raw data, this may help free up your ultrasound system for additional exams, and help eliminate the need to find the dedicated ultrasound workstation in the reading room.

Vendor-agnostic options

Centricity Universal Viewer also provides vendor echo measurement and analysis such as 2D strain, 3D and 4D visualization. Powered by TomTec™-Arena, Centricity Universal Viewer provides easy and quick review of individual images and sequences supported by a variety of time-saving features. With it's latest auto-strain capabilities, strain analysis can be done on any echo study and in only three clicks, thus opening up the opportunity to more accurately track early signs of heart failure.



EchoPac™ Plug-in provides the user anytime, anywhere diagnostic echo analysis embedded in Centricity Universal Viewer.



Vendor agnostic auto-strain analysis powered by TomTec™ is available for remote diagnostic use embedded in Centricity Universal Viewer.

Outcomes at a Glance: Centricity Cardio Enterprise at Licking Memorial Hospital

Reduced echo report turn-around time from just over a week to just over a day, targeting expedited pre-surgical clearance, reduced length of stay, and improved patient satisfaction²



5.8

day reduction in average report turn-around time to 1.3 days (35% improvement over ASE recommendations¹)



Report turnaround time more predictable:

25th-75th percentile range reduced from 5.9 to 0.5 days



Eliminated error prone tasks:

- ✓ Transcriptionist
- ✓ Dictation
- ✓ Sonographer preliminary report review
- ✓ Worksheet data entry and transfer

1. Where there is an internet connection available.

2. Results are not guaranteed and may vary at your site.

Save time and optimize workflow

Centricity Cardio Enterprise provides cardiologists a single point of access to unified patient data, images, and reports in a web client that provides remote access from virtually anywhere¹ — without sacrificing functionality and speed.



As digital imagery and information management have evolved, businesses strive to gain optimal workflow efficiency and cost-effectiveness. Digital recording and archiving, computerized enhancements, reporting, and remote availability each contribute to an integrated system that assists in transforming the way studies are analyzed and interpreted.

When clinical decision making is enhanced, workflow is improved and productivity goes up. The Stress EKG module enables storage and management of discrete stress EKG data. When integrated with GE Healthcare's CASE™ stress system, this reporting module pre-populates with measurements from the CASE system.



"The stress echo integration saved us a lot time [about 30-45 minutes per procedure], enabling the doctors to read the reports faster."²

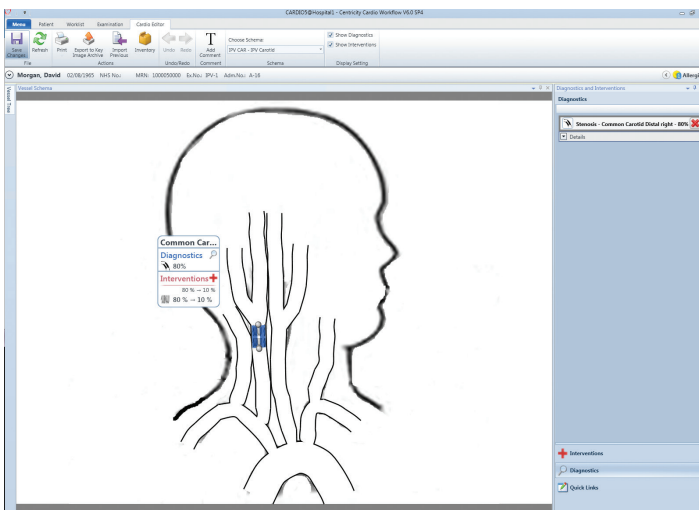
**Carlton Hartwell, Echo/Vascular/EKG Coordinator
Oklahoma State University Medical Center**

Testimonial:³ Centricity Cardio Enterprise Stress Echo Integration

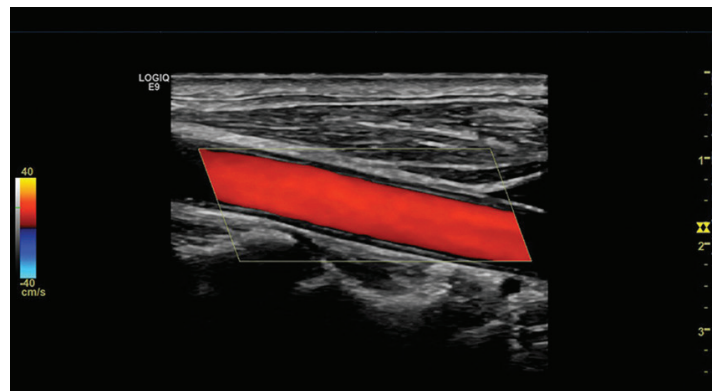
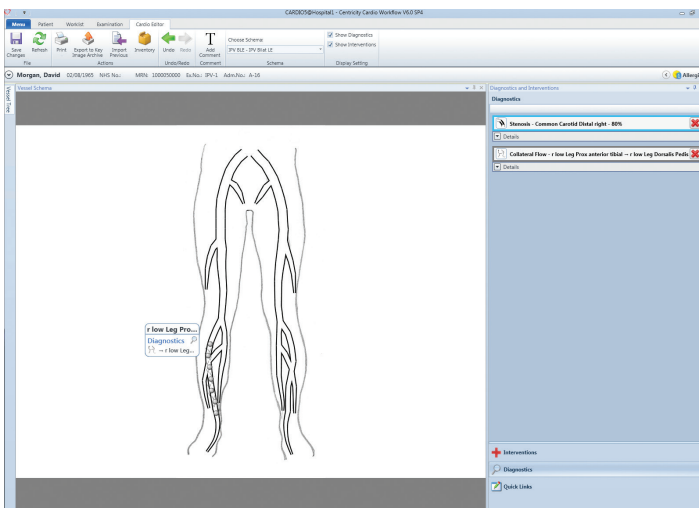
1. Where there is an internet connection available
2. Time savings is not guaranteed and results may vary
3. Centricity Cardio Enterprise Stress Echo Integration Testimonial; <http://www3.gehealthcare.com>

Comprehensive Analysis Tools and Report Templates

Designed in close collaboration with healthcare providers, this comprehensive set of 20 + reports combined with the remotely available image analysis tools help simplify a complex diagnostic area. A graphics package is also included in this module to assist with the presentation of a visual diagram and/or annotations to mark regions of interest. This module can be used with or without the integration of DICOM Ultrasound devices.



Vascular diagrams in Centricity Cardio Workflow can help eliminate the need to document findings on paper.



EchoPAC™ PlugIn can be launched from Universal Viewer for IMT analysis.

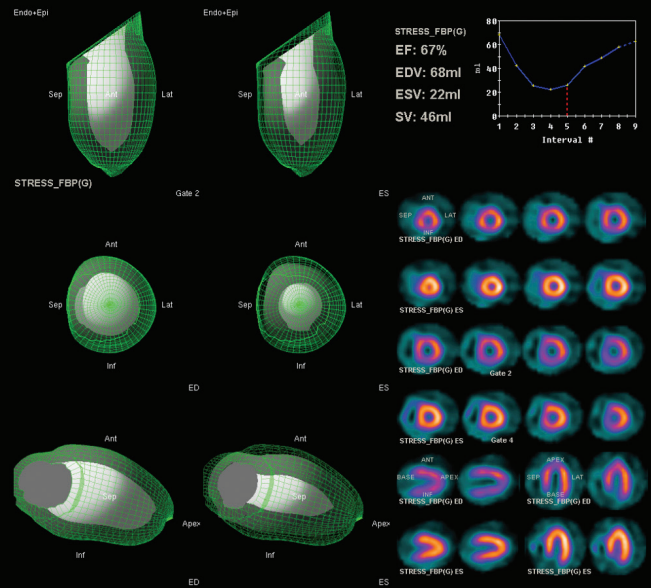
NIPV & Imaging

- Vascular measurements of all standard 2D and doppler parameters
- Vascular required fields up to date with IAC
- Images enhanced with color coding for IAC indications
- DICOM SR import of measurements

Features that differentiate the system:

- Automated import of vascular system data (Parks Flo-Lab™) reduces manual data entry
- Default vessels pre-populate based on type of report started, saving data entry time
- QA form helps with accreditation
- Extensive measurements and fields for comprehensive documentation

Greater access.
Where you
want it.

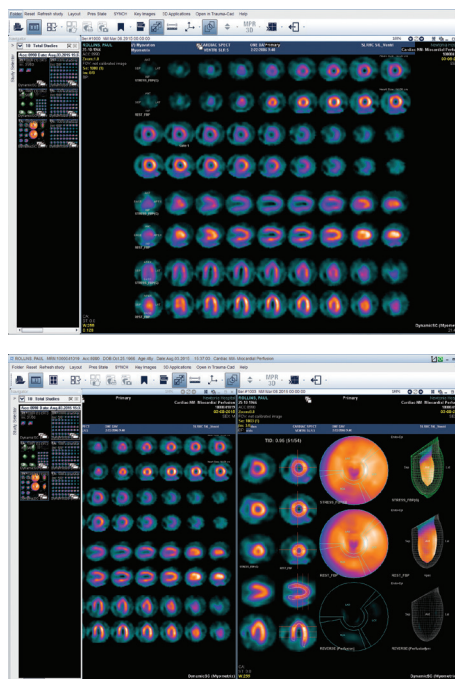


Xeleris available from Centricity Universal Viewer

As a nuclear medicine clinician today, you're being asked to do more, in more places with fewer resources. Your world is unique and you need technology that can adapt quickly and intuitively. That's where Xeleris™ and Centricity Cardio Enterprise can help.

As one of the industry's leading nuclear medicine image management solutions, Xeleris has never been more capable.

The Xeleris platform has a heritage of delivering innovative productivity tools, built-in connectivity, exceptional processing speed and advanced versatility. By giving you access to information where and when you need it, Centricity Universal Viewer provides a tightly connected workflow with desktop integration to Xeleris. This integration



passes user name and patient context, further helping to improve productivity by eliminating the need for a second login and patient search.

Centricity Cardio Workflow now has the interactive diagrams you need, and can complement the EMR with insight from your nuclear lab. By documenting physician reports in Centricity Cardio Workflow, you can provide discrete data and reports from your lab to the broader care area, seamlessly.

Gated SPECT images
powered by Xeleris on
Centricity Universal Viewer

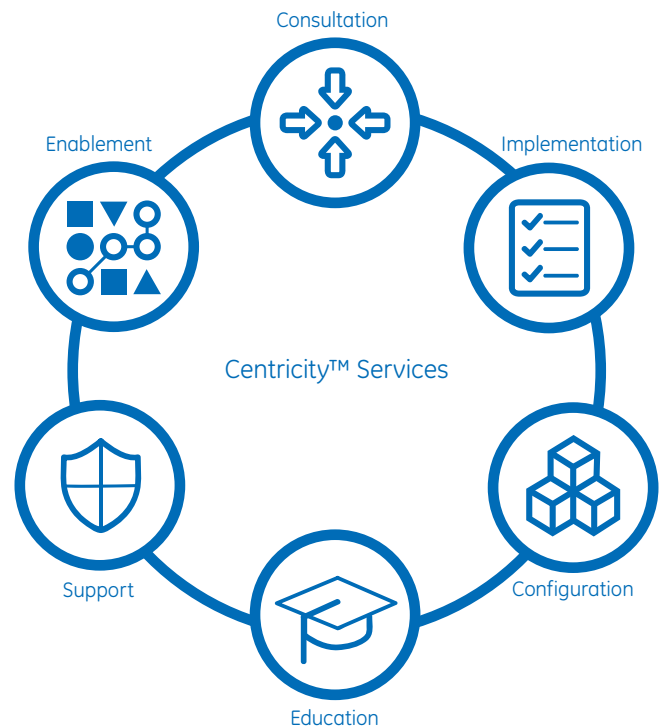
It's not enough to just have great software

GE Healthcare's Centricity Services offer a continuum of support.

SERVICES

Amid industry upheaval, healthcare organizations are under greater pressure than ever to be productive. Only by getting the most out of every tool can you deliver the care patients need with the efficiency the market demands.

Centricity Services are designed to connect productivity with care by increasing usability, enhancing performance, and optimizing a solution's return on investment. With our combined clinical, technical and leadership expertise, we provide comprehensive and holistic approach to servicing your healthcare IT needs, from comprehensive clinical workflow assessments to flexible and ongoing education. It is important your experience with GE Healthcare extends beyond the purchase — let Centricity Services provide the support you need for the life cycle of your new products.



Healthcare Insights

Achieve and deliver results that matter

Comprehensive solution drives operational, financial and clinical outcomes with complete GE Healthcare support tailored to meet your unique business needs.



Unlock value from connected data to achieve results that matter

Comprehensive analytics solutions that comprise insight-rich analytics applications and valuable services to help customers unlock value from data to achieve sustainable outcomes. Healthcare Insights is a portfolio of comprehensive analytics solutions that

comprise insight-rich applications, built on a secure and scalable cloud-enabled analytics framework and supported by a team of healthcare experts ready to work alongside you to navigate change. Healthcare Insights solutions enable quicker, more informed decisions that achieve sustainable financial, clinical, and operational outcomes.

GE Healthcare



About GE Healthcare

Product may not be available in all countries and regions. Full product technical specification is available upon request. Contact a GE Healthcare Representative for more information. Please visit www.gehealthcare.com/cce.

Data subject to change.

© 2016 General Electric Company.

GE, the GE Monogram, imagination at work, Centricity, Mac-Lab™, ComboLab™, CardioLab™, Innova™, MUSE™, CASE™, Vivid™, EchoPAC™, Xeleris™, GE Advantage Workstation (AW) and imagination at work are trademarks of General Electric Company. GE Healthcare, a division of General Electric Company are trademarks of General Electric Company.

ACC NCDR® CathPCI Registry® and ACC NCDR® ICD Registry™ are registered trademarks of American College of Cardiology's National Cardiovascular Database Registry (NCDRI).

The IAC is a registered trademark of Intersocietal Accreditation Commission

Reproduction in any form is forbidden without prior written permission from GE.

General Electric Company reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. This does not constitute a representation or warranty or documentation regarding the product or service featured.

The results expressed in this document may not be applicable to a particular site or installation and individual results may vary. This document and its contents are provided to you for informational purposes only and do not constitute a representation, warranty or performance guarantee from GE Healthcare.