



Centricity Cardio Enterprise at Sant' Andrea University Hospital

Aid in enhancing Patient Care and Clinician Efficiency through Advanced Cardiovascular IT



GE HealthCare

Transforming Cardiovascular Care with IT Solutions

Rome, Italy

Background

The 460-bed Sant' Andrea University Hospital in Rome, Italy houses the Faculty of Medicine and Psychology – Sapienze University and relies on research and innovation to continuously improve patient care. With increasing demand to manage more patients and data within its multidisciplinary clinical pathway for cardiovascular disease, the hospital needed a cardiovascular IT (CVIT) solution.

“Centricity Cardio Enterprise can support each step of the patient journey, from the first medical contact to the follow-up. On a single platform, you can find all the information required to make a diagnosis.”

-Marta Belmonte, MD, Sant'Andrea University Hospital and University of Rome La Sapienza, Rome, Italy

Objectives

A multi-disciplinary team at Sant' Andrea established these objectives for the initiative:

1. Improve users' experiences – Prioritize using technology to improve efficiency and save clinicians' time.
2. Elevate patient care – Leverage efficient IT to improve clinical practice and research.
3. Streamline hospital management – Apply technology to boost departmental productivity, improve resource utilization, and support physicians.

Approach

Sant' Andrea University Hospital collaborated with GE HealthCare to deploy Centricity™ Cardio Enterprise¹ because they were confident that this technology could achieve their objectives

With an integrated Cardiovascular PACS (Centricity Universal Viewer) and Information System (Centricity Cardio Workflow), the hospital can now:

- Bridge gaps between care areas and healthcare information systems.
- Utilize a single point of access for patient data, waveforms, images, analysis tools, and physician reports across the cardiovascular care pathway.
- Increase efficiencies and improve access to images and data with powerful end-to-end management, analytics, and workflow tools.

Impact

With the deployment of Centricity Cardio Enterprise, Sant' Andrea University Hospital positively impacted all of the objectives established by the cross-functional team.

Improved user experience

“We moved from multiple workspaces, user-dictated reporting, multiple and disconnected imaging tools, to just one workspace using intelligent and structured reports with integrated, advanced imaging tools.”

-Dr. Belmonte

With Centricity Cardio Enterprise, diverse clinical teams are empowered to work together and share information quickly and efficiently using the same set of tools. Physicians spend less time at the computer with side-by-side physician reporting and quick reports that result in fewer clicks per report.

Benefits of the new technology and improved processes include:

- Standardization of Cath lab and ECHO reports
- Time savings for clinicians with faster data capture and streamlined image visualization and archiving
- Fewer chances for reporting errors because key data and measurements are automatically exported from the ECHO machine
- Easier data mining for diagnostic, administrative, and research purposes

Improvements in hospital management

“Having all this data available on a single platform is also a game-changer for hospital management purposes.”

-Dr. Belmonte

With Centricity Cardio Enterprise, administrative and analytic tools support physicians and improve operations, providing Sant’ Andrea’s administrative staff with the ability to:

Notify physicians by email about errors in reports to help optimize reimbursement and improve patient care.

Query the number of studies performed by physician and institution.

Improve allocation of the nurses/sonographers and maximize the number of studies performed.

Easily generate reports for regulatory and accreditation agencies.

Peer review each physician’s and technologist’s studies.

Easily access data needed for accreditation

Actionable insights

Help enhance financial and operational decision-making, allowing operational teams at Sant’ Andrea to:

- Analyze productivity to identify outliers, uncover department inefficiencies, and optimize financial performance
- Use powerful scheduling tools to manage patient appointments, resources, room availability, staff and staff meetings with conflict identification

End-to-end workflows streamline patient care and allow clinicians to save time on administrative tasks so they can spend more time with their patients.

Elevated patient care

“We have to make the best decision for the patients, so we need to be sure not to miss relevant data,” explained Dr. Belmonte. With the help of Centricity Cardio Enterprise, clinicians can discover meaningful insights with sophisticated reporting capabilities that combine and analyze information across different tools, information systems, and cardiovascular service lines.”

-Marta Belmonte, MD

GE HealthCare is a leading global medical technology, pharmaceutical diagnostics, and digital solutions innovator dedicated to providing integrated solutions to make hospitals more efficient, clinicians more effective, therapies more precise, and patients healthier. Learn more at www.gehealthcare.com.

¹ Centricity Cardio Enterprise is a solution which comprises of the following medical devices: Centricity Universal Viewer or Universal Viewer and Centricity Cardio Workflow

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