My Clinic in Saudi Arabia implements Centricity™ Cardio Enterprise to help transform process & reporting efficiencies

Time savings have helped in boosting patient capacity for Echo studies by 40% [1]

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Comprehensive workflows bring order to a complex care area

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About My Clinic

My Clinic is a 'one-stop-shop' healthcare institution in Jeddah, Saudi Arabia, focused on delivering outstanding patient experiences alongside excellent outcomes. As the clinic has grown and became busier, a need was identified to transform workflows within the cardiology department to create time and process efficiencies.

"As a polyclinic, with focused excellence in cardiology, we needed a solution that could make our workflow more fluent, smooth and eliminate interruptions," states Dr Munawar Almajnoni, Head of Cardiology at My Clinic in Jeddah, Saudi Arabia. "One of the problems we were facing was that clinicians would need to enter or stay in the examination room to view Echo images and write manual reports."

"By introducing Centricity™ Cardio Enterprise[2] from GE HealthCare we have reduced interruptions as images are now accessible in the office and the total time of an Echo study has been cut from 1 hour to 25 minutes – this saves 35 minutes per examination."

 "Furthermore, by taking out the interruption times, and smoothing scheduling issues by having alternative locations to review Echo images, we have been able to uplift the number of patients we can see by 40% [1]. This means we have can see more people every day, week and year to help reduce waiting lists and expand capacity for the ever-growing numbers of patients."

A unifying solution

Centricity™ Cardio Enterprise bridges the gap between care areas and Healthcare Information Systems (HIS) and is an integrated imaging and workflow solution that gives a single point of access for patient data, images, analysis tools and reports to power end-to-end management of workflow in the cardiovascular care pathway.
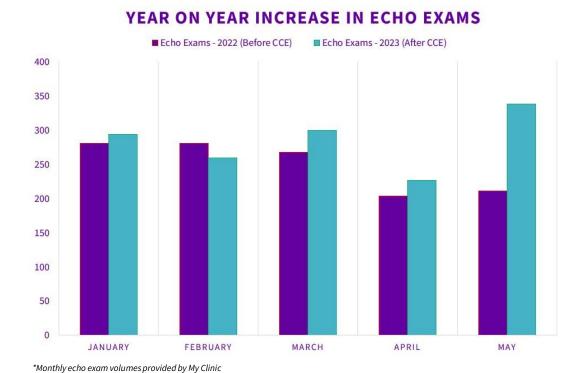
One significant advantage of the solution is the ability to archive & instantly retrieve cardiology images which adds significant value to the clinical team. Dr Almajnoni states, "It now gives us a robust archive of patient information dating back over a longer period, improving patient safety and facilitating research. Should we need to recall patient images after 5 years, for example, it can easily be done. Before, we didn't have the capacity to save information for that timeframe. This will mean greater depth of information will be kept on patient cases should we need to recall them, and more robust archives for patient safety, research or legislative reasons."

Streamlined, Simplified & Accelerated Reporting

Centricity™ Cardio Enterprise solution contains report templates and visual indicators to help guide physicians to complete documentation faster and accelerate reporting processes.

Dr Almajnoni confirms that the time required for manual reporting on normal cases has been drastically reduced. "When you see a normal Echo it now takes about 3 clicks in a few seconds to complete a report. Before there were sometimes up to 25 minutes of manual reporting on normal studies. Now, with automated report creation and templates, we have freed up time that can be spent on more complicated cases."

YEAR ON YEAR INCREASE IN ECHO EXAMS

■ Echo Exams - 2022 (Before CCE)   ■ Echo Exams - 2023 (After CCE)

Monthly echo exam volumes provided by My Clinic

Easy transition to digital cardiology

"Onboarding the team to the new way of working was simple and easy. It took just one hour of training for our team to embrace Centricity™ Cardio Enterprise – the interface was very intuitive to learn and use," states Dr Almajnoni.

"It has been a very smooth transition," continues Dr Almajnoni. "Working with the responsive GE HealthCare team helped clinicians quickly adopt and embrace the tool.

An eye towards the future of evolving patient care

My Clinic has plans to extend the benefits of the Centricity Cardio Enterprise solution across multiple locations, enabling the sharing of resources, knowledge and information to deliver high-quality patient care. "With one interface, we can link 3 sites inside and outside the city of Jeddah and see wider cases. This has amazing future potential for sharing workforce resources across locations such as surgeons and endocrinologists. Plus, it will enable us to share knowledge and information to deliver a high standard of care to our patients," Dr Almajnoni adds.

The implementation of GE Healthcare's Centricity™ Cardio Enterprise solution has aided My Clinic in Saudi Arabia to successfully transformed its cardiology department's workflows, boosting patient capacity and improving overall patient care.

> *"In cardiology, time is a must. Being able to see the whole cardiac care continuum via the system interface, from Echo studies, ECG results, Holter monitor analysis through to wider modality information from CT and nuclear, means we gain a more complete picture for clinical confidence and positive patient care. This is a very exciting time."*

Dr. Munawar Al-Majnoni,
Head of Cardiology at My Clinic,
President of the Saudi Society of Echocardiography

References

[1] Data provided by the My Clinic Cardiology department as of May 2023

[2] Centricity Cardio Enterprise is a solution comprised of Centricity Cardio Workflow and Centricity Universal Viewer

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