



Wipro GE Healthcare launches its first 'Made in India – AI enabled Cath lab' to address cardiovascular disease burden in India

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- *The Intelligent AI - AutoRight technology powered by Edison, enables precision healthcare delivery*
- *To enable minimally invasive procedures with the objective of risk minimization*

[Optima IGS 320 Launch](#)
[PICTURE CREDIT: GE Healthcare](#)
[IMAGE/JPEG - 0.14 MB](#)

Bengaluru, September 05, 2022 – [GE Healthcare](#), a leading global medical technology, diagnostics and digital solutions innovator today announced the launch of its first 'Made in India', 'AI-powered' Cath lab - Optima IGS 320 to advance cardiac care in India. Built at Wipro GE Healthcare's new factory launched under the PLI (production linked incentive) scheme in Bengaluru, the Cath lab leverages the GE proprietary AutoRight technology. Powered by Edison, AutoRight, is the first neural network-based interventional image chain. AutoRight features Artificial Intelligence that automatically optimizes image and dose parameters in real time, enabling clinicians to focus their attention and expertise on patients.

In India, non-communicable diseases (NCDs) still contribute to 60% of all deaths, of which, 82% occur due to cardiovascular diseases (CVDs), chronic respiratory diseases, cancer, and diabetes. It is also noted that the younger generation, below 40 years of age, is increasingly affected by CVDs. While interventional cardiology is a promising solution, there are gaps in terms of access to reliable and intelligent technologies that can support precise and rapid decision-making given the critical nature of the procedures. There is also a growing shift in preference among patients for minimally invasive procedures, that limit the size and number of incisions. This new generation of interventional imaging software in Optima IGS 320 enables clinical versatility to guide sophisticated non-invasive procedures with greater precision. Automating the typically complex process with AutoRight helps reduce the burden on interventionalists and may increase their attention on the procedure.

Dr. Shravan Subramanyam, Managing Director, Wipro GE Healthcare said, "At Wipro GE Healthcare our mission is to move from health care to healthy ageing and that can be accomplished with predictive, preventative, personalized medicine. The rising complexity of patient profiles and shifting disease patterns is making the need of personalized care even more vital and Artificial Intelligence solutions have the potential to transform the patient care pathway. With our 'Made in India' AI-enabled Cath lab, we aim to drive intelligent imaging to support cardiologists and patients with customized treatment protocols and therapies and enable access to quality healthcare across all of India."

Srikanth Suryanarayanan, Head – Imaging, GE Healthcare South Asia said, "With Optima IGS320, we bring to market an imaging innovation that reflects the future of healthcare. This 'industry-first' Cath lab has a new generation of interventional imaging software that enables clinical versatility to guide sophisticated, non-invasive procedures with greater precision and reduced risk. Our aim is to reduce the burden on interventionalists, increasing their attention on procedures, so that they can utilize every second to bring their clinical expertise to treating patients."

Padma Shri Dr. CN Manjunath, Professor of Cardiology & Director, Jayadeva Institute of Cardiac Sciences & Research, Bangalore said, "Coronary disease is highly prevalent, affecting roughly 8% of the population. Addressing this, cost effective and quality cardiac care is critical. However, it is only possible when the healthcare industry manufactures innovative medical equipment. Cardiac cath labs form the heart of a hospital and are evolving in line with disease prevalence. For instance, 50 to 60% of cardiac procedures which were previously treated by surgery can today be treated by non-surgical methods in the Cath lab. With its Cath lab, Wipro GE Healthcare is helping less invasive heart care solutions reach the last mile."

Designed for cardiac and electrophysiology procedures, Optima IGS320 advances visualization across imaging to support intelligent and precision healthcare delivery. It enables flexibility during operations by enabling friendly gantry movement. Moreover, with intuitive and advanced features like the [PCLASSIST](#), the Cath lab also enhances image quality that may guide stent placement with increased accuracy. This may reduce complications and empower physicians to conduct complex procedures with confidence.

Earlier this year, Wipro GE Healthcare launched its next-generation Revolution Aspire CT (Computed Tomography) scanner – the first product that was designed and manufactured end-to-end in India, at the newly launched Wipro GE Healthcare Medical Devices Manufacturing plant. Optima IGS320 is the second product being launched at the new factory. Wipro GE Healthcare continues to deepen its commitment to cardiac care in India and advance patient centricity with precision health.

About GE Healthcare:

GE Healthcare is the \$17.7 billion healthcare business of GE (NYSE: GE). As a leading global medical technology, pharmaceutical diagnostics and digital solutions innovator, GE Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, data analytics, applications and services, supported by its Edison intelligence platform. With over 100 years of healthcare industry experience and around 48,000 employees globally, the company operates at the centre of an ecosystem working toward precision health, digitizing healthcare, helping drive productivity and improve outcomes for patients, providers, health systems and researchers around the world.