

## SEQUOIA HEALTHCARE: TRANSFORMING MEDICAL IMAGING IN INDIA

**T**he COVID-19 pandemic exposed a critical vulnerability in India's healthcare sector—the heavy dependence on imported medical equipment, particularly in advanced areas like medical imaging. While the nation quickly geared up to locally produce essential devices, the more complex technologies, such as MRI and PET-CT scanners, remained out of reach. But that's where Sequoia Healthcare steps in, a frontrunner in India's mission to achieve self-reliance in medical imaging.

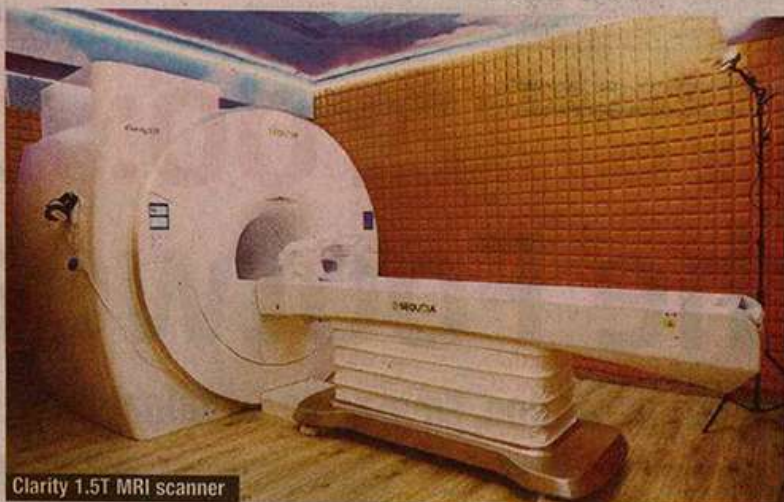
Sequoia Healthcare, a dynamic, Bengaluru-based startup, is on a bold mission to revolutionize India's medical imaging landscape. Operating from its modern manufacturing facility in Chikkaballapur, the company has already started producing advanced imaging systems, including CT and MRI machines. And this is just the beginning. A much larger, more modern facility is on the way at AMTZ, India's leading Medical Tech Park in Visakhapatnam. Key mentors, such as Dr. Jitendra Sharma of AMTZ, have played an instrumental role in transforming Sequoia into a powerhouse, not only meeting India's domestic demands but positioning the company as a global player in the medical imaging industry.

### A NEW FRONTIER FOR INDIAN MEDICAL DEVICES

For S. Viswanathan, Managing Director of Sequoia Healthcare, this is a defining moment. "The pandemic was a wake-up call," he shares. "It showed us just how much we relied on imported technology. Since 2011, we've been working to close this gap by investing in modern technology and forming strategic partnerships."

One of Sequoia's most groundbreaking innovations is the helium-free MRI system, a breakthrough that combines affordability with sustainability. Traditionally, MRI machines depend on helium for cooling, a rare and costly resource. Sequoia's innovative direct-cooling system eliminates the need for helium altogether, making MRI technology far more accessible while maintaining top-tier performance.

"This is a game-changer," says Viswanathan enthusiastically. "Not only does it drastically reduce



Clarity 1.5T MRI scanner

operational costs, but it also makes the technology more sustainable. Our goal is to make high-quality medical imaging available to more people, and this innovation takes us a big step closer to that vision."

But Sequoia doesn't stop there. With the introduction of its Inspiration 64 CT Scanners, the company has set a new benchmark in entry-level imaging. These scanners, equipped with newer detector technology, increase coverage, reduce examination time, and lower radiation exposure for patients—all while cutting the lifecycle costs for healthcare providers.

Sequoia's pipeline of innovations continues to excite the industry. Their upcoming products, such as the 128-slice Cardiac CT and a 3T MRI using just 50 liters of helium, are set to redefine the standards for performance and affordability.

### LEADING THE 'MAKE IN INDIA' MEDICAL REVOLUTION

Sequoia Healthcare's vision



aligns perfectly with India's 'Make in India' initiative, which seeks to boost domestic manufacturing across critical sectors. By leveraging modern technology and a commitment to self-reliance, Sequoia is reducing India's dependence on imported imaging systems while also driving innovation in the global healthcare landscape.

"The future of India's medical imaging sector is incredibly bright," Viswanathan states. "With our talented team, world-class technology, and unwavering commitment to innovation, we're ready to lead this transformation."

As Sequoia Healthcare continues to push the boundaries of what's possible, it is undeniably paving the way for a new era in Indian medical imaging—one driven by innovation, sustainability, and global competitiveness.



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Inspiration 64- Smart Large bore  
64-slice CT Scanner under testing