

Lilavati Hospital Launches Advanced Modular And Hybrid Operation Theatre

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Lilavati Hospital upgrades its surgical infrastructure with advanced modular and hybrid operation theatres designed for precision, safety and global care standards



Lilavati Hospital & Research Centre has unveiled a modular and hybrid operation theatre complex in Mumbai, marking a significant upgrade to its surgical infrastructure and patient care capabilities.

The newly introduced operation theatres are designed to meet global standards of surgical excellence and integrate surgical precision, efficiency and patient safety. The upgrade includes modern surgical systems, refined clinical work mechanisms that collectively support a seamless surgical environment for healthcare professionals.

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According to the hospital, the modular operation theatres are equipped with laminar airflow systems, high-efficiency particulate air (HEPA) filtration, digital surgical control panels and advanced monitoring systems. These technologies are intended to maintain sterile conditions, reduce infection risks and improve operational efficiency during complex procedures.

A newly developed antimicrobial wall system has also been incorporated into the operation theatre complex. The specialised panels are designed to reduce the risk of surgical site infections, which remain among the most common complications associated with surgical procedures. The facility further includes a centralized carbon dioxide system that supports streamlined surgical workflows.

In addition, the theatres feature ceiling-mounted surgical pendant systems that enable better equipment management and mobility during procedures. These systems assist surgeons in conducting complex interventions, including robotic-assisted surgeries. Newly installed surgical lights with built-in cameras allow high-quality recording of procedures for documentation, education and training purposes.

A key highlight of the upgrade is the hospital's next-generation hybrid operation theatre, which integrates advanced imaging technology with surgical capabilities. This setup allows clinicians to perform diagnostic and therapeutic procedures within the same environment, enhancing accuracy while reducing procedural risks.

Hospital authorities say the modular design also enables the integration of new surgical technologies as they become available, ensuring that the facility remains adaptable to future advancements in medical technology.

Commenting on the development, Rajiv K. Mehta, Permanent Trustee of Lilavati Hospital & Research Centre, said the launch reflects the institution's continued focus on adopting advanced healthcare technologies while maintaining the highest standards of patient care.

He added that the hospital remains committed to combining innovation with compassionate care to deliver safer and more precise surgical treatments.

With the introduction of these advanced modular and hybrid operation theatres, Lilavati Hospital aims to strengthen its capabilities in delivering high-quality surgical care while aligning with international standards of medical excellence.

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