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KD Ambani Hospital in Mumbai to launch advanced Total Lab Automation, in partnership with Roche Diagnostics

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Providing a preventive and enhanced approach to healthcare



Mumbai-based Kokilaben Dhirubhai Ambani Hospital has added another feather to its cap with the launch of Total Lab Automation, technologically powered by Roche Diagnostics. The new technology will improve patient care, with a special emphasis on preventive healthcare, at Mumbai's first private tertiary care hospital.

The Total Lab Automation combines data analytics and workflow integration with robotics to revolutionize traditional laboratory processes. The platform leverages use of advanced robotics, high-definition cameras, customized algorithms, and machine learning which allows streamlining of processes, eliminating manual errors, resulting in faster and more reliable results. A multidisciplinary open automation approach with minimal human touch brings cutting-edge technology to patient care.

The Total Lab Automation integrates five major laboratory disciplines - Clinical Chemistry, Immunology, Toxicology, Infectious Serology, and Haematology & Coagulation - into one automated track, reducing turnaround time significantly by providing end-to-end solution.

With centralised real-time monitoring, advanced algorithms, and proactive critical alerts, it also provides accurate and prompt results, enabling the hospital to deliver a higher level of patient care. The design of the technology integrates all aspects of laboratory workflows into a seamless and user-friendly interface, improving staff safety and satisfaction.