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P D Hinduja Hospital digitises antimicrobial stewardship and infection prevention programmes

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India faces a concerning projection of 4.7 million deaths due to Antimicrobial Resistance (AMR) by 2050



P D Hinduja Hospital and Medical Research Centre (MRC) has announced a transformative partnership with Ibhar Technologies, heralding a significant stride towards redefining standards in patient care.

This collaboration signifies the digitalisation of the hospital's Antimicrobial Stewardship (AMS) and Infection Prevention & Control (IPC) programmes through the implementation of Ibhar AMS solutions. This innovative endeavour harnesses the capabilities of Artificial Intelligence (AI) and Machine Learning (ML) to bolster healthcare standards, with a paramount emphasis on enhancing patient safety and elevating clinical outcomes.

Leveraging mobile and web-based tools, this will empower P D Hinduja Hospital & MRC's professionals to implement WHO and CDC-endorsed strategies. Studies have demonstrated that robust IPC programmes can reduce hospital acquired infections (HAIs) by 70%, underscoring Ibhar's pivotal role in ensuring patient safety and advancing global healthcare standards.

The Ibhar tool for Infection Prevention and Control streamlines the entire process by facilitating the identification of necessary actions, recording of current statuses, and efficient planning for addressing any outstanding issues. With real-time dashboards providing a comprehensive view of non-compliance contributors, departments, quality teams, and management can collaboratively develop and implement efficient practices swiftly.

Moreover, individual department heads are empowered to understand requirements, record current statuses, and plan necessary actions seamlessly. This integrated approach also enables regular audits and Key Performance Indicator (KPI) tracking, enhancing organisational compliance and accountability. This technology is being implemented at P D Hinduja Hospital & MRC with support from Pfizer and Association of Healthcare Providers India (AHPI).