

Metropolis Healthcare introduces innovative blood collection technology

17 December 2024 | News

First-of-its-kind technology in India minimises pain and addresses needle anxiety



In an effort to improve the patient experience, Metropolis Healthcare has introduced the UltraTouch Push Button Blood Collection Set (PBBCS) across its service network.

This state-of-the-art device features a thinner needle that reduces insertion pain and makes blood collection more comfortable for first-time patients, children, and the elderly. Aligned with Metropolis' mission to improve patient care, this innovative approach aims to make the blood collection process quicker, safer, and less cumbersome for people of all ages.

Surendran Chemmenkottil, Chief Executive Officer, Metropolis Healthcare said, "The UltraTouch PBBCS represents a significant advancement in patient comfort and safety during blood collection, while also ensuring the accuracy of our results. By leveraging this cutting-edge technology, we are addressing gaps in diagnostics to enhance the overall patient experience."

Blood tests are crucial for over 70 per cent of medical decisions; however, many patients hesitate due to concerns about pain. Even studies indicate that nearly 80 percent of patients believe their blood draw experience significantly impacts their overall satisfaction with healthcare providers.

A recent study published in *the Journal of Evolution of Medical and Dental Sciences (JEMDS)* evaluated the impact of the UltraTouch PBBCS at Metropolis Healthcare's Global Reference Laboratory in Mumbai over a one-month period. Over 90% of participants reported minimal discomfort with no signs of hemolysis, leading to an improved overall experience. The

laboratory parameters of potassium, iron, and haemoglobin levels also remained consistent. This assessment involved a diverse group of adult participants, focusing on the device's effectiveness in reducing pain and ensuring the reliability of blood samples and needle injuries.

In addition to prioritising patient comfort, the innovative blood collection system is designed to improve efficiency within laboratories.