

Insights from Healthcare professionals

GE HealthCare's B125M Patient Monitors

Doctors, Biomedical Engineers and Nurses share their feedback



Survey Scope

GE HealthCare installed 147 units of the B125M patient monitors across 7 regional centers in Tanzania following a successful tender process. After comprehensive user training, and 6 months usage, GE HealthCare, with the support of our local channel partner, Computech ICS (TZ) Ltd surveyed 23 healthcare professionals on their experience of using the B125M.

Regional Referral Hospitals (RRH) included in the survey

- 1 Kilimanjaro Christian Medical Centre (KCMC)
- 2 Mawenzi RRH
- 3 Manyara RRH
- 4 Kibongoto Infectious Disease Hospital
- 5 Iringa RRH
- 6 Sumbawanga RRH
- 7 Songea RRH

Participants

- 8 Doctors
- 8 Biomedical Engineers and
- 7 Nurses



As part of the survey, caregivers shared insights on the difficulties encountered in the patient monitoring setting. The following outlines the challenges they faced and illustrates how GE HealthCare's B125M patient monitor effectively mitigates these issues.

Inaccuracy and unreliability of clinical parameters¹



Accurate information at your fingertips

- DINAMAP™ SuperSTAT™ NIBP:** GE-patented “smart cuff” pressure control to improve measurement time, patient comfort, and artifact rejection
- EK Pro v14 arrhythmia algorithm:** Simultaneous four-lead analysis helps optimize the detection and analysis of arrhythmias, helping ensure no cardiac event goes unnoticed
- TruSignal™ RRsv respiration rate:** Proprietary algorithm obtaining measurement from a single vector

Lack of advanced tools and features to make informed clinical decisions and timely clinical interventions²

Data driven accuracy and timely clinical decisions

- 12 lead ECG:** Assist users to accurately identify patients who have STEMI (ST elevation myocardial infarction)
- TruSignal™ SpO2:** Ability to reject motion artifacts and detection even at low perfusion
- Adequacy of Anesthesia:** Guides anaesthetic delivery based on patient response variables, helping clinicians reduce unwanted memory recall, hemodynamic responses

Complex monitor interface and settings that are not easy to learn³

Intuitive design



Enhanced UI, simplified data delivery and seamless deployment across care areas allow you to monitor patients with greater ease

Lack of cybersecure and dependable devices⁴

Enhanced Cybersecurity



Secure HL7, Secured Network Time Protocol (NTS), and Encrypted filesystem help protect against cyber security threats to ensure a higher uptime and a lower risk to other hospital-connected systems



GE HealthCare's B125M Powering your performance at every step

In order to gain a better understanding of the impact these monitors are able to make in enhancing patient care, we asked caregivers to rate their experience on the features and benefits of the B125M.



83%⁵

Intuitive design with Enhanced UI

HCPs rated the monitor as user friendly, durable, and accurate



87%⁵

Excellent Clinical Precision

Clinical parameters like NIBP, ECG, SpO2 were considered as indispensable features



96%⁵

Dependable & Reliable technology

HCPs expressed extreme likelihood for a repeat purchase and recommendation to colleagues

What users had to say about using the B125M Patient Monitors⁵

Seamlessly integrates with existing healthcare systems

Delivers uninterrupted and outstanding performance

Helps in timely clinical decisions



“Having used GE HealthCare equipment for over 10 years, I would rate my extraordinary experience with the B125M patient monitors as a ‘10 out of 10’. As a Biomed, I appreciate the monitor’s accuracy, durability, flexibility, and user-friendliness, which proved especially helpful during my father’s ICU stay. I plan to do a lot more business with GE HealthCare in the future.”

Mr Rodrick Shangali
Biomed at KCMC

“I value that the monitors are designed with an internal battery that continues to monitor the patient during a power failure, or in cases of unreliable infrastructure. I appreciate the product updates that align with my specific needs and GE HealthCare’s customer service team for their swift responses and effective troubleshooting support, even remotely.”

Dr Fredson F. Mwigia
Doctor/Medical Specialist
Anaesthesia at KCMC

“As a nurse, I find GE HealthCare’s B125M patient monitor consistently beneficial to patient care, with its alarm settings, easy screen setup, and monitor information. The B125M aids in monitoring blood pressure for hypotensive patients, allowing for the review of vitals every two minutes. I will most definitely recommend them to other clinicians.”

Alpha Mdugo
Nurse, Iringa RRH

In the ever-demanding landscape of patient care, the B125M patient monitors deliver the premium clinical performance healthcare practitioners expect from GE HealthCare, all in an intuitive design that help to deliver uninterrupted and uncompromised patient care.

References

- 1 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5403122/>
- 2 Brull et al., Current status of neuromuscular reversal and monitoring, 2017
- 3 How and what staff nurses learn about the medical devices they use in direct patient care, Dr. Edwina A. McConnell RN, PhD April <https://doi.org/10.1002/nur.4770180209>
- 4 <https://phoenixnap.com/blog/healthcare-cybersecurity-statistics>
- 5 This percentage number is derived from an analysis of all the customer responses.