







Queen Elizabeth Central Hospital (Malawi)

 1350 Beds

 Catchment Area: +6
Million

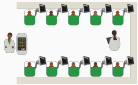
 Tertiary Referral Hospital

Queen Elizabeth Central Hospital (Queens) is a tertiary hospital located in the heart of Blantyre – one of the major cities of Malawi. Tertiary hospital means that the district hospitals refer patients here for specialist treatment. It is one of only 4 tertiary hospitals in Malawi, making it of utmost importance for the southern region of the country. It also serves as a teaching hospital.

GOAL 3 in Queens



26 IMPALA Monitors



4 Wards



60+ health workers trained



Project Start: May 2025



Current Status: Active

Queens hospital is a great example of the impact of The GOAL 3 Foundation. As one of the biggest hospitals in Malawi, GOAL 3 initially implemented 11 IMPALAs here in 2022. They have loved the IMPALA system, and wanted to expand but could not afford it. Through The GOAL 3 Foundation Queens was able to receive 26 more IMPALAs and bring quality care to the patients who need it most. The 26 monitors installed through The Foundation are in various wards including:

- 8 in the emergency ward
- 7 in the pediatric ward
- 7 in the nursery ward
- 4 in the special care ward



Picture from IMPALA in Queens 2025



Aubrey Thomson Linje - QECH
Moyo ward (NRU)

Update August 2025

Working with IMPALA has made our work easier and we are able to monitor lots of patients in short period of time.

Normally before IMPALA we had lots of challenges like monitors were not enough with the size of our ward, we were not able to identify abnormal vital parameters very fast like the way it is right now with IMPALA monitors.

Now with IMPALA, we have managed to reduce death rate and over staying of patients in the ward since we are now able to manage each patient at right time.

With IMPALA system vital signs monitoring is now easy and fast. And we are able to identify abnormal vitals very fast with the monitors.

So the use of IMPALA monitors has bring in positive impact to our ward/facility since now patients are managed in time, we are able to save resources and pts are not over staying in the ward.

With experience I have after working with IMPALA, I would also encourage other hospitals or health workers to use this life saving system of IMPALA. It is very easy to use, time saving and harmless.

With IMPALA, we managed to save life of a 4 years child with SAM, she was in septic shock. With the use of IMPALA system vital signs monitoring was very easy and self oriented. Indeed IMPALA is a life saving system that we all need to use in hospital facilities by all health workers.



Picture from IMPALA in Queens 2025



Picture from IMPALA in Queens 2025

Update August 2025

Update from GOAL 3's Service Coordinator Alice Likumbo:



Over the past months, I conducted two supportive supervision visits to the Paediatric Nursery, Moyo Ward, and Accidents & Emergency (A&E) department at Queen Elizabeth Central Hospital to assess the implementation and daily use of the IMPALA monitoring system.

Across the wards, IMPALA monitors are in regular use and well integrated into patient care, with healthcare workers expressing growing comfort and confidence in using the system. Staff are effectively responding to alarms, and connectivity, battery life, and device functionality have remained stable. In Moyo and Pediatric Nursery wards, all patients requiring monitoring were connected appropriately, and caregivers have been receptive to the system.

Key areas for improvement include sensor placement (especially ECG dots and SPO2 wraps), addressing alarm fatigue, and reinforcing cleaning routines between patients. Minor technical issues—such as server downtime during renovations—were quickly resolved internally.

In the A&E department, the fast-paced nature of care required a tailored approach. While not all steps of the standard implementation script could be followed, staff welcomed the monitors and suggested future trainings focus more on clinical protocols like Emergency Triage Assessment and Treatment..

Next steps include refresher bedside training, sharing troubleshooting guides, and supplying improved ECG accessories to enhance accuracy and user experience.



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