Implementation of this new POCT strategy ultimately and radically changed hospital processes and consequently patient flow and care at the Aga Khan University Hospital. Specifically, there has been a five-fold reduction in total medical errors. This includes a complete elimination of mismatched patient results through electronic point-of-care systems, a 20% reduction in pre-analytic confounders and substantially enhanced compliance to routine quality control (QC).

"Medical errors can have catastrophic effects on patients, resulting in potential medication errors, physical injury, and possibly death" says Majid Twahir, Chief of Staff and Associate Dean of Clinical Affairs at the Aga Khan University Hospital. "With medical errors being 20 times more likely in Africa compared to developed countries, a five-fold reduction has profound impact on the mitigation of preventable adverse outcomes and downstream costs."

An unintended, but impressive outcome enabled by the enhanced capabilities in data capture were the improved documentation and billing processes, resulting in reduced revenue loss of KES 19,109,800 (177,400.25 US dollars) in only six months, highlighting the multitude of positive effects programs such as these can have for an institution.

These important outcomes have been enabled through a multidisciplinary POCT committee, thus underscoring the importance of ensuring representation across stakeholders, including laboratory medicine, hospital quality department, ICT, nursing, clinical stakeholders, materials management division, biomedical engineering, pharmacy, and hospital administration for reducing medical errors and enhancing patient care.

For their leadership, this integrated clinical care team has been awarded a prestigious 2020 UNIVANTS of Healthcare Excellence Award Designation of Distinction. Congratulations to John Waigwa, *Laboratory Quality Coordinator*, Serafino Gatwiri, *Nurse Training Manger*, Gregory Muruga, *ICT Programmer*, Nancy Kunyiha, *Endocrinologist*, Daniel Maina, *Clinical Pathologist and Chair of POCT Committee*.

THREE KEY TAKEAWAYS:

1. Point-of-Care testing is an emerging technology that health systems around the globe are leveraging.

2. Continuous improvement programs for POCT, with a strong focus on quality can substantially change patient care and improve flow.

3. Cross-functional POCT committees can help ensure strategic buy-in and integration of POC testing for improving care, reducing errors and mitigating lost revenue.

For more details on this best practice and/or other best practices that received recognition by the UNIVANTS of Healthcare Excellence Award program, please visit www.UnivantsHCE.com.