

DR. Amri Kyaruzi Ishengoma

MD, MPH



Core Competencies

- ✓ Healthcare Quality Systems Planning, Monitoring, and Evaluation
- ✓ Patient Safety and Risk Management
- ✓ Policy Development and Review
- ✓ Root Cause Analysis and Continuous Quality Improvement (CQI)
- ✓ Biostatistics and Data Analysis (R Programming & Excel)
- ✓ Institutional Accreditation (Joint Commission International – JCI, Safe Care)
- ✓ Capacity Building and Staff Development
- ✓ Clinical Governance and Health Systems Strengthening



Education

2023 Master of Public Health (MPH)

Muhimbili University of Health and Allied Sciences (MUHAS)

Thesis: Determinants and level of satisfaction with inpatient postpartum care among women in Dar es Salaam, Tanzania

2017 Doctor of Medicine (MD)

Kilimanjaro Christian Medical University College (KCMUCo)



PROFESSIONAL SUMMARY

Dr. Amri Kyaruzi Ishengoma is a Tanzanian Medical Doctor and Public Health Specialist with over seven years of experience in healthcare management, quality improvement, and clinical informatics. Served as a Continuous Quality Improvement Officer at the Aga Khan Hospital, Dar es Salaam, he has been instrumental in advancing patient safety systems and institutional performance through data-driven interventions.

He previously worked as a Medical Officer in Internal Medicine and as a Clinical Informaticist supporting Electronic Health Record (EHR) implementation at the Aga Khan University Hospital, Nairobi. Dr. Amri has strong expertise in health informatics, digital health transformation, quality improvement frameworks, and data analytics using R and Microsoft Excel. His career is anchored in the philosophy that data-driven decision-making is fundamental to achieving sustainable healthcare quality outcomes.



Professional Experience

Quality and Patient Safety Physician (Quality Improvement Officer)

Dec 2018 – Present The Aga Khan Hospital, Dar es Salaam

- ✓ Leads the development, review, and roll-out of institutional guidelines, policies, and protocols on Quality and Patient Safety.
- ✓ Advises the Medical Director on accreditation and compliance with Joint Commission International (JCI) standards.
- ✓ Provides mentorship and technical support to clinical and non-clinical teams on QI processes, monitoring, and reporting.
- ✓ Coordinates audits, data analysis, and presentations for internal and regional quality councils.
- ✓ Oversees training and orientation on quality and safety for new hires and clinical staff.
- ✓ Conducts internal quality audits, supports external reviews, and participates in Root Cause Analyses (RCAs).
- ✓ Leads improvement projects on documentation, data quality, and performance monitoring using R programming.
- ✓ Leads improvement projects on documentation, data quality, and performance monitoring using R programming.

Selected Projects or Achievements

- ✓ Led successful reaccreditation of Aga Khan Hospital by JCI in 2019 and 2022.

Thesis: Patients' satisfaction with health services at the O&G outpatient department, KCMC

2016 Elective Training (General & Orthopaedic Surgery)

Training & Certifications

- 01** WHO Antimicrobial Resistance (AMR) Training, including WHONET 2024 Software – Ministry of Health, 2024
- 02** WHO Point Prevalence Survey (PPS) Training – Ministry of Health, 2023
- 03** Meditech EHR Superuser Training – Aga Khan University Hospital & Meditech, 2022
- 04** Industrial First Aid Certification – Occupational Safety and Health Authority (OSHA), 2020

Selected Data Analysis & Research Consultancies

- ✓ PARTOMA II Project: Comprehensive data management, cleaning, and statistical analysis for a donor-funded maternal and neonatal health initiative (2023–2025).
- ✓ Postgraduate Research Support: Provided statistical programming, visualization, and analysis for multiple postgraduate dissertations (2022–2025).
- ✓ Data Automation and Visualization: Developed automated data pipelines for clinical performance monitoring using R, enhancing accuracy and efficiency.

Publications

Ntiyakunze, G., Kyaruzi, A., Moshi, L., Kaguta, M., Shweta, J., Kyejo, W., Mwansisya, T., Chuwa, H., & Abeid, M. (2025). Mandatory second opinion to reduce caesarean section rate among low-risk pregnant women at a private tertiary hospital: A pre and post intervention study using WHO Robson classification. BMC Pregnancy and Childbirth, 25(1), 1–13.

Selected Projects or Achievements

- ✓ Developed and implemented the first Maternity Database for WHO Robson Classification of Caesarean Sections across five regional centers.
- ✓ Automated quality data processing using R, increasing efficiency sevenfold.
- ✓ Automated quality data processing using R, increasing efficiency sevenfold.
- ✓ Reduced non-conformances in multiple JCI review areas to zero.
- ✓ Supported the Ministry of Health in COVID-19 data streamlining and in-house clinical outcomes analysis.

Clinical Informaticist

Nov 2022 The Aga Khan University Hospital, Nairobi

- ✓ Facilitated training and go-live support for more than 50 clinicians during Meditech EHR implementation.
- ✓ Supported system issue resolution, configuration, and user setup for clinical systems.
- ✓ Received a formal commendation from the Chief Medical Information Officer for excellence during rollout.

Medical Officer (Locum & Internship)

Nov 2017 Nov 2018 The Aga Khan Hospital, Dar es Salaam

- ✓ Provided comprehensive patient care in Internal Medicine and Cardiology units.
- ✓ Conducted Provider-Initiated Testing and Counselling (PITC) and ART initiation.
- ✓ Delivered ward rounds, emergency management, and patient follow-up care.