Our project brings together medical technology companies, local biomedical engineers, and anaesthesia societies in the SADC region to redefine how medical equipment is introduced, sustained, and used to improve healthcare across Africa.

SCALING ANAESTHESIA INNOVATION IN THE SADC REGION

The project combines product and process innovations in anaesthesia technology, training, and customer service to redefine how medical equipment is introduced and sustained in the SADC region. The project’s product innovation is the Universal Anaesthesia Machine (UAM), the world’s only CE-marked anaesthesia machine that can generate its own medical oxygen and work without electricity. The process innovation is the integration of local clinical and technological capacity building as part of a standard service commitment to UAM customers in Tanzania.

Overall, the project will generate sustainable improvements in anaesthesia care at 20 rural health centres across three regions of Tanzania, which will translate to safer surgical and obstetric care and contribute to reductions in maternal and newborn mortality.

PROJECT PARTNERS

Society of Anaesthesiologists of Zambia (SAZ)

Society of Anaesthesiologists of Tanzania (SATA)

Gradian Health Systems, Kenya

PROJECT COORDINATOR

Kas Medics, Limited, Tanzania

IMPLEMENTING COUNTRIES

Tanzania, Zambia

ABOUT THE PROJECT

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KEY OBJECTIVES

• Increase the availability of reliable anaesthesia services in Tanzania by ensuring that health centres have the technology needed to anaesthetise patients.

• Generate increased commercial demand for customer service contracts – specifically intended to cover the cost of parts and labour needed to preventively and correctly maintain the project’s anaesthesia technology.

• Enable the delivery of anaesthesia services where they previously were unavailable and make anaesthesia services more reliable where they previously existed.