

An e-health platform that empowers clinicians to take care of their patients efficiently by providing them with the right information at the right time, patient safety prompts and resources to improve the quality of health care administered, hence saving lives.

COUNTRY	Uganda
STRATEGIC FOCUS	We take care of data so medics can take care of patients
TARGET BENEFICIARIES	Hospitals, Clinicians, People in resource poor settings, Researchers
OWNERSHIP	Innovation Streams Limited
STATUS	Market ready, Scale up
FUNDING	Initial: \$10,000 UNFPA, \$43,200 UNCST, £52,000 LSTM
PARTNERS	Walimu, LSTM, UNCST, MUST/ University of British Columbia
TYPE OF SOLUTION	E-health, mHealth

Introduction

Streamline is an e-health platform that enables clinicians in resource poor settings to deliver health care efficiently by providing key patient safety prompts across the entire patient journey.

Stre@mline follows the patient journey incorporating demographics, triage, consultation, patient safety, investigation ordering and results, prescriptions, stock control of medicines, insurance, finances and with the ability to generate statistical data needed for monthly government Health Management Information System reports (HMIS), graphical trend data, etc.

Stre@mline is tailored to the specific context and needs of low-resource hospitals, has local technical support available, and is economically sustainable. We maintain a patient-centered, integrated approach, focusing on collecting key information needed by clinician in a busy clinical setting rather than extensive details on all patients.

Progress and Results

More than 250,000 patients, 465,000 patient visits have been registered on Stre@mline in 12 hospitals in Uganda. More than 600 clinicians and administrative staff use Stre@mline daily. 100% of children attending OPD care receive triage assessment helping to identify promptly the patients who need priority care. 100% of patients undergo health screening, key to spotting any future health conditions in time. 100% Prospective audit of prescribing errors to allow targeted training for staff. Accurate real time data and clinical information. Guidance for correct management of patients available 24 hours a day.

Challenges and Lessons Learnt

Implementing Stre@mline in hospitals is a change management process. Some clinicians do not have the computer literacy and skills to use digital tools. Sometimes, there is resistance to change. We collaborate with local hospitals to run a digital literacy program at their hospitals and work with hospital administration to emphasize the importance of Stre@mline and drive digital adoption.

Hospitals lack infrastructure eg. computers, Local Area Network (LAN) to use Stre@mline. We have set up flexible installment plans to enable hospitals acquire the infrastructure needed.

Implementing e-health platforms is an uphill task that requires a wholistic approach to all the challenges that hospitals face. A multidisciplinary team is important to make this happen.

More about Stre@mline Health

If you would like to know more about Stre@mline, check out the resources below or contact: innovation.toolkit@unfpa.org.

Website: www.streamlinehealth.org

Documentation: www.streamlinehealth.org

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