Electronic Medical Records



Project Summary

Problem

Quality clinical care is dependent on the accurate medical information collection and use, however in most resource-poor settings, MSF follows a paperbased registration and a manual search for files leading to compromised quality of care at multiple levels as files are lost, fragmented and prone to errors

Proposed Solution

Develop a robust, patient-centered, and responsive Electronic Medical Record (EMR) system for efficient and secure sharing of clinical data among healthcare providers. Test the feasibility of implementing nextgeneration EMR technologies such as OpenMRS 3.0 to improve and future proof MSF medical interventions



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Potential Impact

- Improves person-centered clinical care through data-driven informed decision making.
- Enhances patient health data security and privacy

Viability

 Signifies a major shift of technology from a heavy and complex IT system to a user-friendly modifiable application which enables users to develop, share and scale EMR solutions

Risk Mitigation

- Uses a two-phases approach to ensure viability before considering scale (test-and-learn)
- Ensures IT infrastructure at pilot sites

Scalability

 Enables context specific solutions to be easily deployed and adopted by other users and usecases

Area/Type: Operational Improvements/Technology; Incubator Sponsor/Support: OCG

Length/Project Status: 12 months; ONGOING