

A CALL FOR SAFE POST-OPERATIVE SURGICAL CARE

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Innovative mobile information services can improve:

- post-operative care & follow-up
- patient safety and quality of management
- research and outcome evaluation

Your role...

is to first identify a surgical area of need in a LMIC that could benefit from an mHealth intervention

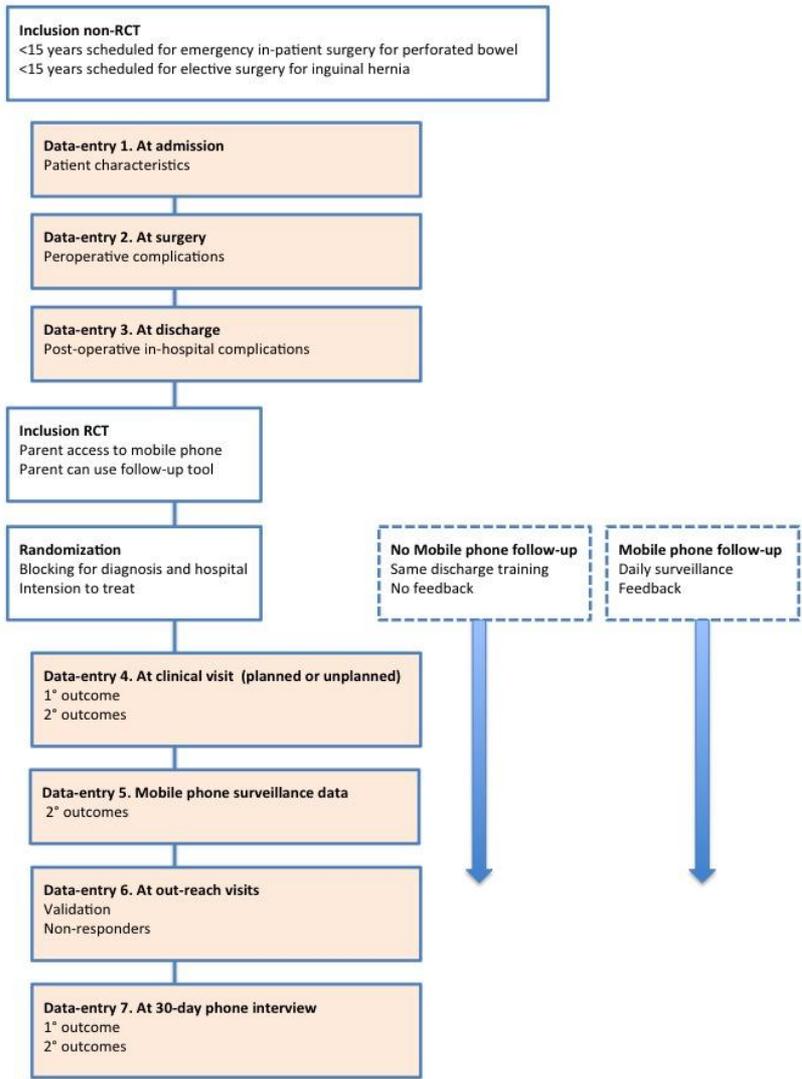
- Uganda
- Rwanda
- Liberia

The Public Health Agenda:

- Analyze the needs and requirements of post-operative decision support and data-collection for patients, community health workers, doctors and research teams
- Describe the role of a smart-phone based application system in this context
- Identify barriers and how these barriers could be addressed
- Intervention SWOT-analysis
(Strengths and Weaknesses - Opportunities and Threats)
- Identify how data-entry can be made valuable for the person entering the data
- Defining the implementation and how to document the implementation process
- Define how to measure performance and impact

The Engineering Agenda:

- Technical prototype of an information system.
The Sana platform will be available.
- Development of a series of apps with post-operative forms
- Test outcome and compare to public health agenda



Timeline:

- Project plan discussion March 2, 2012
- Project oral presentation on March 16, 2012
- Project written check-in after spring break, 2012
- Oral presentation May 11, 2012
- Written final report/Software on May 11, 2012

Project Manager Hours:

- Office hours 8.30-9.30 every week by appointment
- Skype sessions with Dr Hagander via appointment
- Tele/videoconference with surgeons in LMICs

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HST.S14 Health Information Systems to Improve Quality of Care in Resource-Poor Settings
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