The Implementation of the Nurse Assistant App (NAA): an Electronic Clinical Decision Support and Medical Record System for Health Care Workers Providing Antenatal Care in Rural Tanzania
A pilot study

No registrations found.

Ethical review   Positive opinion
Status   Recruiting
Health condition type   -
Study type   Interventional

Summary

ID

NL-OMON24813

Source
NTR

Health condition

Quality of antenatal care
user satisfaction
ECDSS
electronic clinical decision support system

Sponsors and support

Primary sponsor: African Woman Foundation
Maastricht University
Source(s) of monetary or material Support: African Woman Foundation

Intervention

Outcome measures

Primary outcome

- Use of the Nurse Assistant App by the healthcare workers providing antenatal care

- User satisfaction with the NAA

- Number of essential services provided during ANC

Secondary outcome

- Factors attributing use and satisfaction of the NAA

- Client satisfaction with ANC provided

Study description

Background summary

The NAA is an mHealth tool containing both a clinical decision support system as well as a medical record system. This study aims to evaluate acceptability and utility of the NAA among health care providers in Magu district as well as evaluate the impact of the NAA on the quality of ANC.The effect evaluation is a quasi-experimental study in the form of a before-and after measurement, in which the experimental group – receiving the intervention (NAA) – will be compared with a control group that will not have access to the NAA. In order to assess the adoption and acceptance of the NAA a longitudinal sub-study in the intervention group will be conducted.

Study objective

HCWs find NAA useful as a tool and enabler of better quality care

HCWs are using the NAA for every ANC consultation

HCWs provide complete package of ANC

Study design

Before and at the end of the trial ANC observations will be performed. During the trial interviews will be held with the HCWs and questionnaires will be distributed.

Intervention

The Nurse Assistant App (NAA), a tablet based electronic clinical decision support system, that aims to systemize and standardize antenatal care (ANC) visits, will be implemented in 7 facilities in Magu district, Tanzania. These 7 facilities will be compared with 6 facilities that will provide ANC as usual.

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Eligibility criteria

Inclusion criteria

The study population will comprise all health care workers providing ANC as well as pregnant women attending ANC in the selected facilities.

Exclusion criteria

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Study design

Design

Study type: Interventional

Intervention model:	Parallel
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	01-02-2016
Enrollment:	60
Type:	Anticipated

Ethics review

Positive opinion

| Date: | 27-01-2016 |
| Application type: | First submission |

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

	Register ID
NTR-new	NL5621
NTR-old	NTR5728
Other	NIMR (National Institute for Medical Research) Tanzania. : MR/53/100/399

Study results

Summary results

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