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Feasibility assessment on improving early detection of breast abnormality with coordinated referral application support in primary health care setting in Ethiopia.

I aim at assessing feasibility of using digital application to enhance the referral path way and follow up of women who undergo clinical breast examination at primary health care level in Ethiopia. Baseline Preliminary assesment and qualitative study will be conducted to understand breast abnormalities and out come of patients with breast related abnormality and identify potential barriers and facillitators for use of patient registry app. I will use cluster randomized feasibility trial to evaluate the intervention. Participants that will be followed using the patient registry application will be the intervention arm and participants that will be on routine care at the health facilities will be a control arm. Improved referral path way will be the primary outcome of the study.

I expect follow up and early detection of breast cancer among patients with breast abnormality will be improved and intercommunication between health facilities will be enhanced. I expect to understand more about the barriers for follow up and referral of patients with breast abnormality at the context of primary health care level.

Research task 3.1

Supervisors:

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