

A program of



Challenges and Opportunities of partial integration of ivermectin mass drug administration into Cameroonian primary health care system

Cameroon, Central Africa

Health Domains: Neglected Tropical Diseases, Onchocerciasis

Theme: Transition of Campaigns to Health Systems

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Background and Problem to be Addressed

Background

- 21 million of people infected worldwide with onchocerciasis, 99% living in 31 African countries
- Serious socioeconomic and survival impact of the disease : epilepsy, loss of productivity, excess mortality
- CDTI: Effective strategy recommended by WHO, elimination in some countries
- Cameroon: Despite more than 20 years of campaign, onchocerciasis remain endemic in 60% of health districts

Problem or Gap

- Poor ivermectin coverage during campaign is one of the key reasons, due to
 - ✓ Absence during the campaign (farm activities)
 - ✓ Community drug distributor failed to deliver the drug to the household
 - ✓ Top-to-bottom planification of intervention
- **Transition to Health Systems** : Partial integration of IVM distribution into Primary Health Care System, with continuous delivery of the drug after the campaign to those who were absent/couldn't have the treatment may overcome the implementation gap.

Purpose and Intended Application of Findings

Purpose

We aim to evaluate challenges and opportunities of partial integration of IVM distribution into PHC System.

Expected Outcomes

Results will be used to design an integration model and plan suitable for the Cameroonian system. This will inform further trials to assess the effectiveness of the integration prior to generalization.

Research Questions Addressed

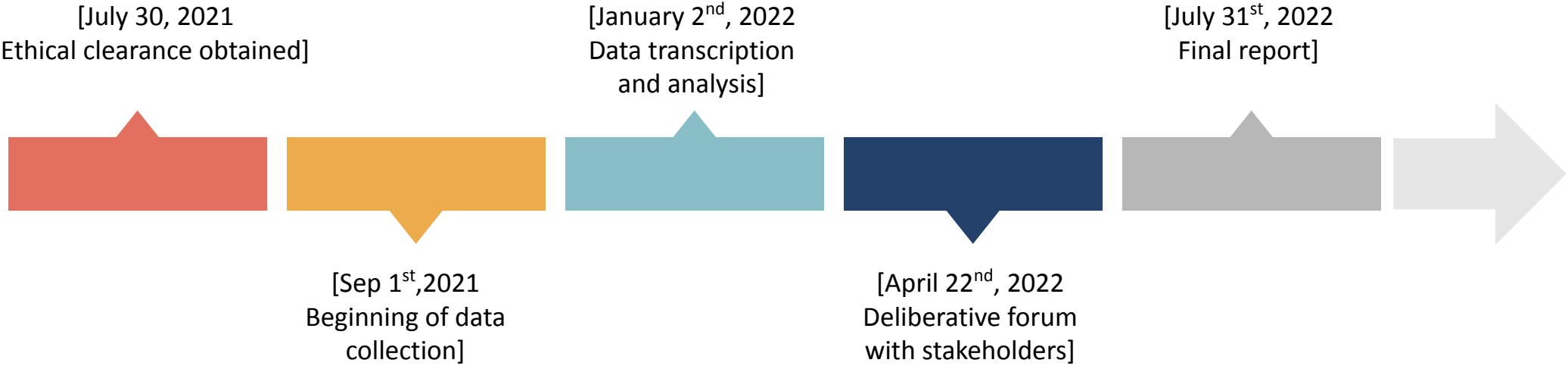
[Primary research question]

- What are challenges and opportunities of partial integration of ivermectin mass drug administration into the primary health care system?
- Method
 - ✓ Qualitative research design
 - ✓ In-depth interviews and focus group discussion at central level (MoH, NGOs, NOCP), Regional level, District, in communities
 - ✓ Evaluation framework: Consolidated Framework for Implementation Research (CFIR) modified by Means et al.

[Secondary research question]

- What is the cost-effectiveness of ivermectin mass drug administration through campaigns?
- Method
 - ✓ Quantitative research design
 - ✓ Data of last IVM campaigns collected from targeted districts for data analysis
 - ✓ Data on the cost and drug coverage
 - ✓ Cost-effectiveness analysis

Anticipated Project Timeline



Challenge in next 6 months

The Challenge(s)

- Difficulties to access to some rural areas

Strategy for Mitigation

- We will use a private four-wheel drive car adapted for seasonal rains

THANK YOU