

Expanded Access to Care and Adherence to Clinical Protocols with Integrated Management of Malaria, Pneumonia and Diarrhoea at Drug Shops in Uganda

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Evidence Review Symposium
3-5 March 2014, Accra, Ghana**

Introduction

Integrated Community Case Management of Malaria, Pneumonia and Diarrhoea (iCCM)

iCCM Tool kit



- 2002 – 2009 Home Based Management of Fever strategy
- 2010 iCCM policy
- Scale up through CHWs across Africa in public sector
- No similar private sector intervention

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Problem Statement

- Drug shops are an important source of care for children – 60% febrile children in Uganda treated by private sector - drug shops yet:
- Largely unregulated
 - Quality of care is poor
 - Drug use irrational

Objective

Determine feasibility and effectiveness of diagnostics and pre-packed drugs for malaria, pneumonia and diarrhoea in registered drug shops in Eastern Uganda



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Methods

Quasi Experimental Design

Intervention district:

N = 44 drug shops

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1. Subsidized pre-packed drugs
2. Free Diagnostics
3. Training
4. Social Marketing

Comparison district:

N = 40 drug shops

Standard AMFm

1. Presumptive treatment of fever with ACT

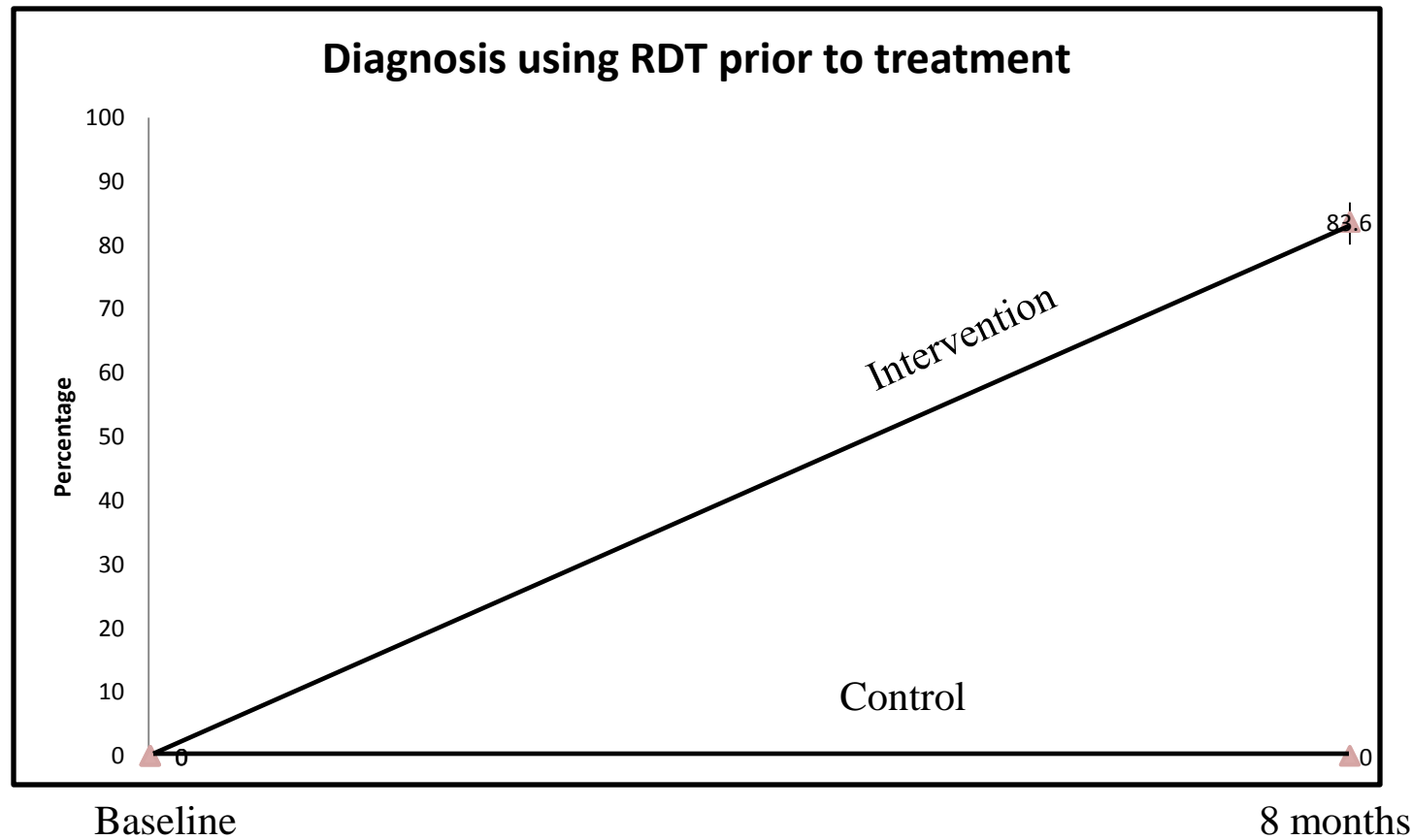
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Methods

- 10 months duration (10/2011 – 07/2012)
- Baseline - Endline Assessments
 - ❖ Exit interviews at drug shops – treatment practices
 - ❖ Review of treatment registers – Adherence to protocols (Intervention)
- Analysis
 - ❖ Appropriate management (proportions)

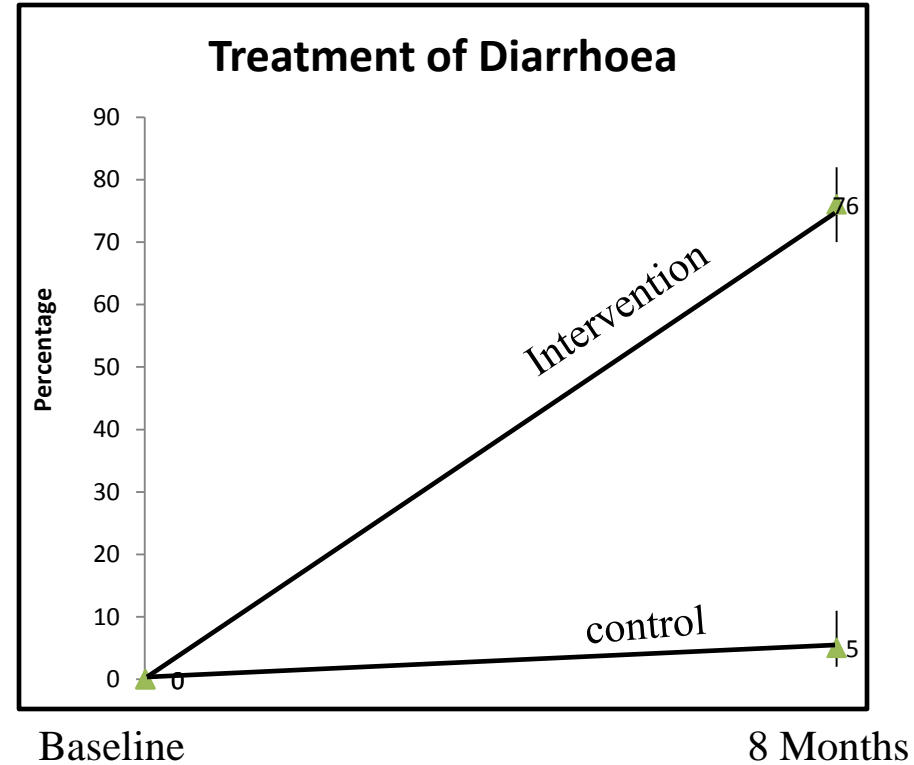
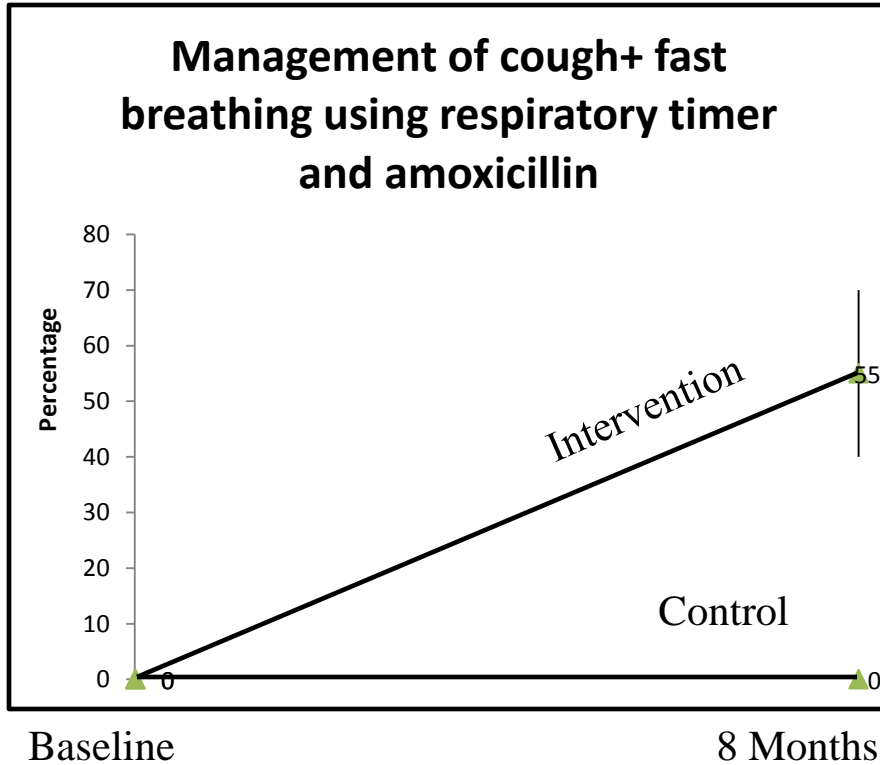
Fever management at Drug Shop –Exit Interviews



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Correct Management at drug shops – Exit Interviews

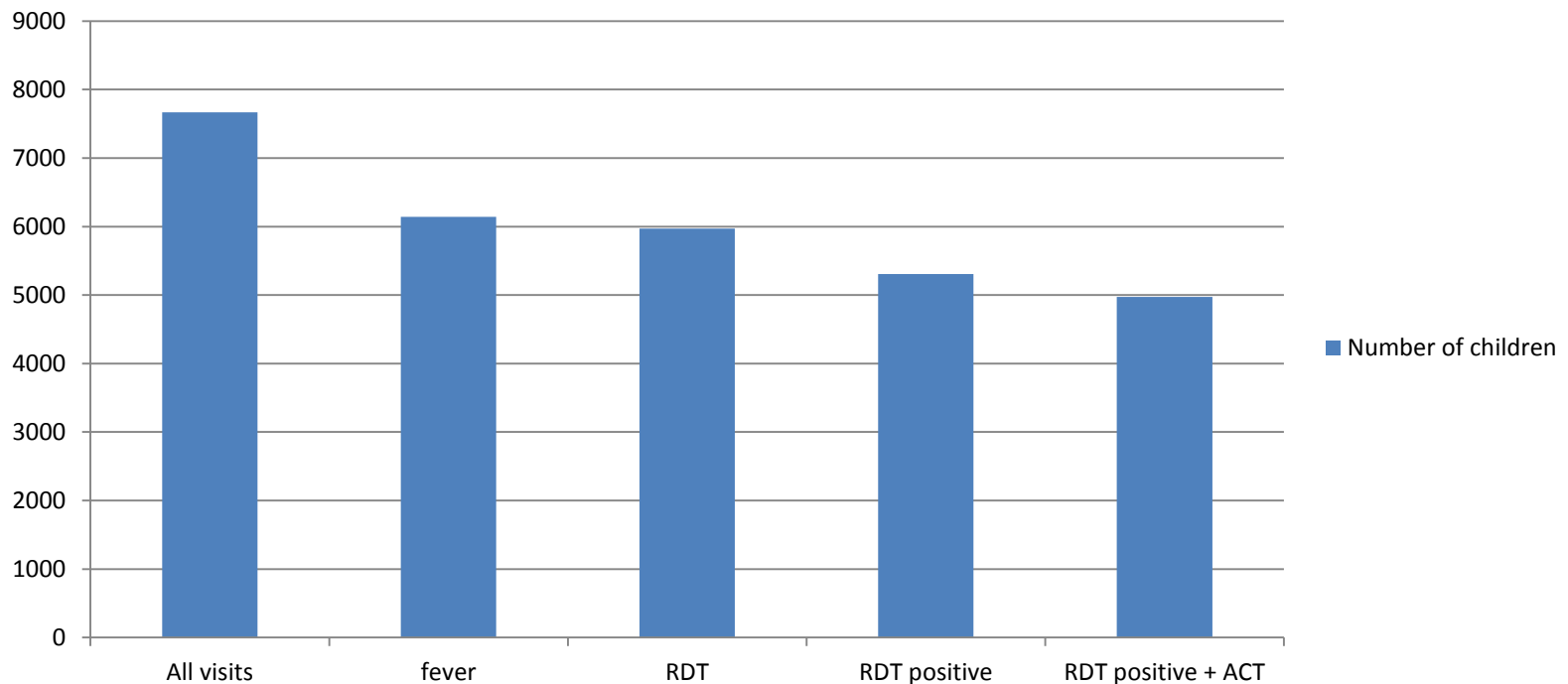


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Fever Management from Register Records (N = 7667)

Management of Fever

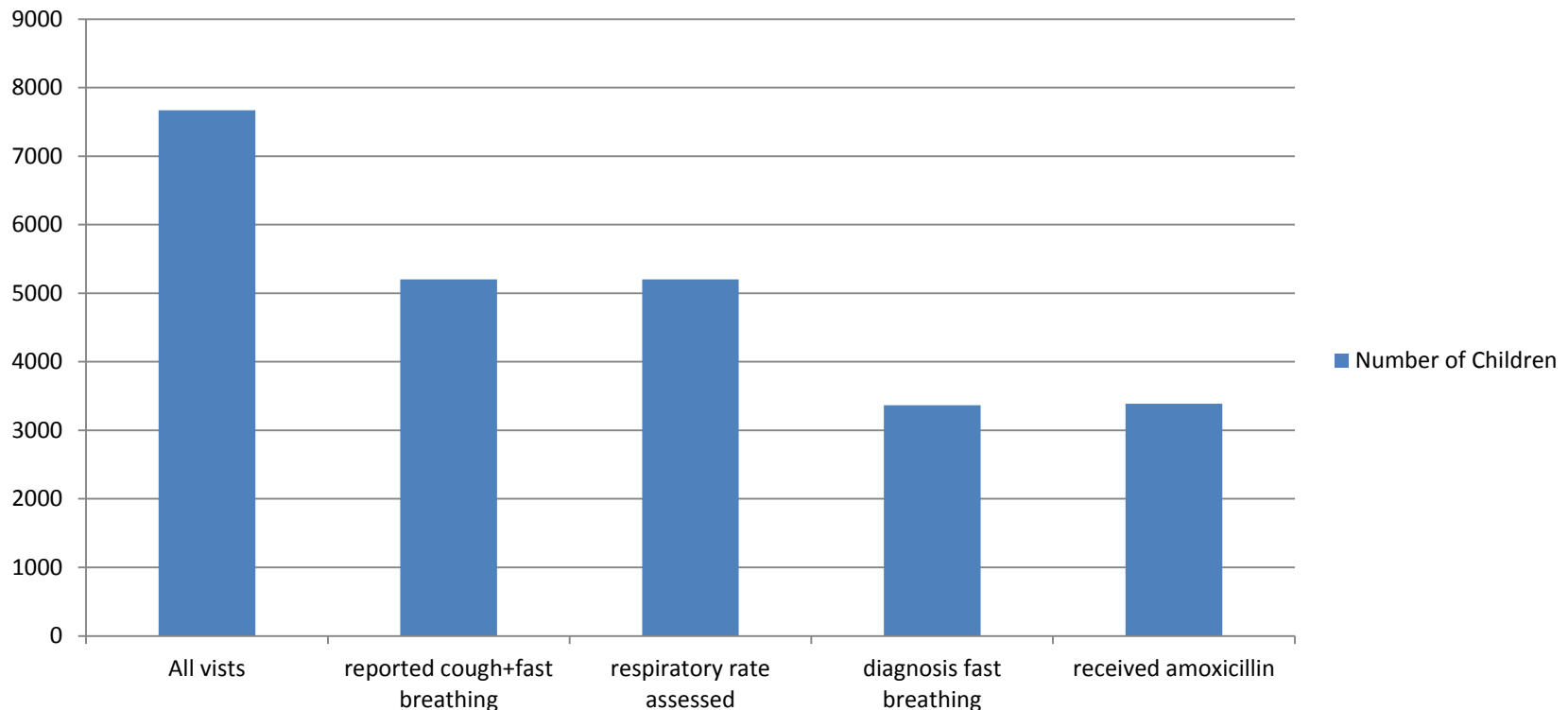


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Pneumonia management - from Register records

Management of Pneumonia

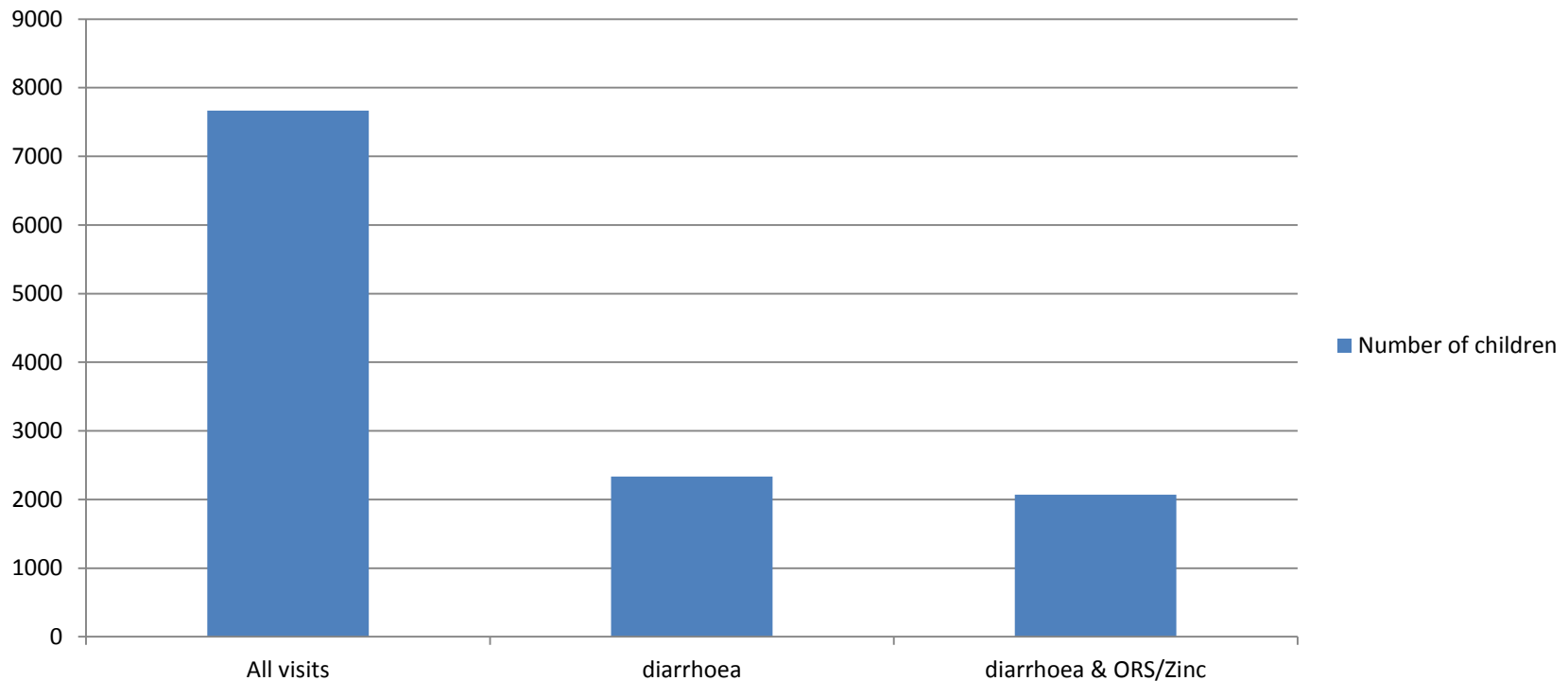


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Diarrhoea management from Register records

Management of diarrhoea

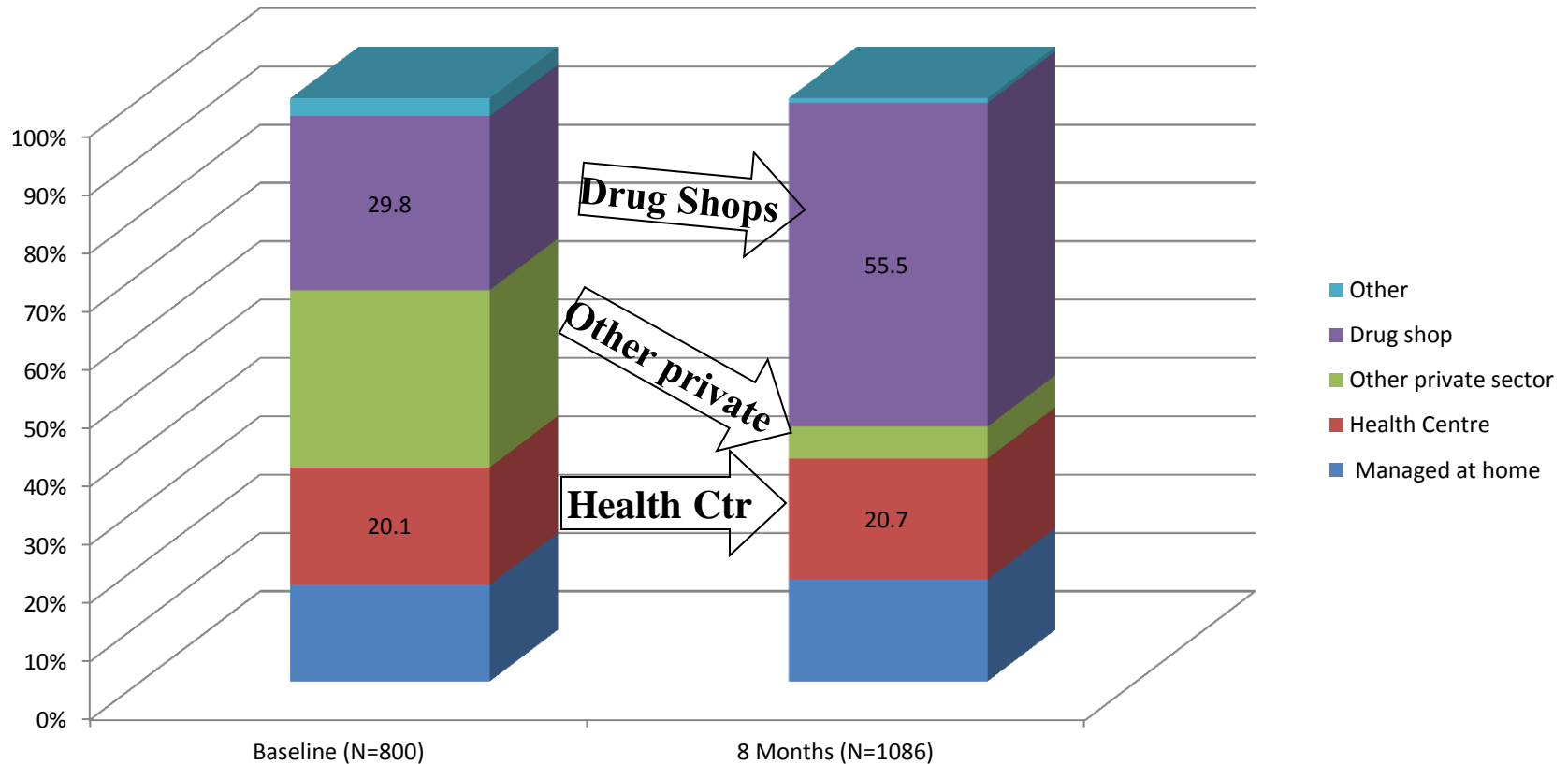


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Care seeking – Household Survey

First Point of Care for Febrile Child - Intervention District



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Conclusions

- Expanded access to diagnostics and quality treatment at drug shops with iCCM
- High adherence to treatment protocols by drug sellers
- iCCM may be utilized to mainstream drug shops in pluralistic health systems

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- Research team

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