

## **The East Africa Drug Seller Initiative: Getting Medicines to People- Creating Sustainable Private-sector Drug Seller Programs.**

**Objective #3. Develop a plan to replicate the ADDO model to scale in Uganda and demonstrate the adapted model in one district.**

Evaluation Design:

The evaluation report will provide:

- A description of the Accredited Drug Dispensing Outlet Model/Program
  - Objectives
  - Model/program components and roles and responsibilities of the various stakeholders in Uganda
- A review of the Model/program approach and implementation process
  - Model/program design and involvement of stakeholders
  - Conversion from drug sellers to ADDO (model/program marketing, micro-financing sources, training, number of facilities converted to ADDOs, number of facility personnel trained, etc.)
  - Supervisory processes designed to maintain standards of service and quality
  - Enablers and constraints to model/program implementation
- Measures of ADDO model/program impact on:
  - Characteristics of services and products
    - Appropriateness of dispensing
    - Quality of drug products and dispensing services
  - Access dimensions:
    - Availability of essential medicines on site
    - Affordability of products
    - Acceptability/satisfaction (with the ADDO program)
- A discussion of lessons learned and conclusions
- Recommendations/implications for roll-out/practice and/or further research

**Outcome Measures:** The table below describes the outcome indicators that will be used to evaluate the outcomes of the EADSI program in Uganda. Each indicator is listed along with the source of the data.

Service Characteristics	Proposed Indicators/milestones	Data Source (Instrument)	Alternative/ Supplementary Indicators
<b>Quality of services (Appropriateness of Recommendations)</b>	<ul style="list-style-type: none"> <li>• % encounters where appropriate antimalarial was sold (alternatively, we could express this as % encounters where inappropriate antimalarials were recommended)</li> <li>• % encounters where an antibiotic was sold for a selected condition</li> </ul>	<ul style="list-style-type: none"> <li>• Baseline/endline data in Kibale and Mpigi districts</li> <li>• Baseline/endline data in Kibale and Mpigi districts</li> </ul>	<p><b>Alternative indicators:</b></p> <ul style="list-style-type: none"> <li>• % encounters where client is prescribed an antimalarial consistent with STGs in sufficient quantities to complete a full course of treatment.</li> <li>• % encounters where attendant asked for more information about the condition presented</li> <li>• % encounters where the attendant refers the client to a to a doctor or clinic</li> </ul> <p><b>Alternative indicators:</b></p> <ul style="list-style-type: none"> <li>• % encounters where an antibiotic was sold for an acute respiratory infection complaint (no pneumonia)</li> <li>• % encounters where an antibiotic was sold for a case of acute diarrhea</li> <li>• % encounters where oral rehydration salts were sold (or recommended)</li> </ul>

<b>Service Characteristics</b>	<b>Proposed Indicators/milestones</b>	<b>Data Source (Instrument)</b>	<b>Alternative/ Supplementary Indicators</b>
<b>Quality of Services (Dispensing Communications)</b>	<ul style="list-style-type: none"> <li>• % encounters where attendant provided instruction to patient/caregiver on how to take/give medication</li> </ul>	<ul style="list-style-type: none"> <li>• Baseline/endline data in Kibale and Mpigi districts</li> </ul>	<b>Supplementary indicator:</b> <ul style="list-style-type: none"> <li>• % encounters where attendant gave information on possible problems with medications (danger signs)</li> </ul>
<b>Quality of Products</b>	<ul style="list-style-type: none"> <li>• % of items sampled that are registered with the Regulatory Authority</li> </ul>	<ul style="list-style-type: none"> <li>• Check the registration status of the tracer items available in stock against registration documents</li> </ul>	
<b>Affordability</b>	<ul style="list-style-type: none"> <li>• Average % difference in price to patients between ADDOs and DS, for a set of tracer items</li> </ul>	<ul style="list-style-type: none"> <li>• Baseline/endline data in Kibale and Mpigi districts</li> </ul>	<b>Alternative indicator:</b> <ul style="list-style-type: none"> <li>• Average difference in price between the comparison groups.</li> </ul>
<b>Availability</b>	<ul style="list-style-type: none"> <li>• % of a set of tracer items in stock</li> </ul>	<ul style="list-style-type: none"> <li>• Baseline/endline data in Kibale and Mpigi districts</li> </ul>	<b>Supplementary indicator:</b> <ul style="list-style-type: none"> <li>• % tracer item-months in which tracer items were dispensed</li> </ul>
<b>Acceptability/ Satisfaction</b>	<ul style="list-style-type: none"> <li>• % of customers who express satisfaction with service</li> </ul>	<ul style="list-style-type: none"> <li>• Baseline/endline data in Kibale and Mpigi districts</li> </ul>	