INTERRELATIONSHIP OF SUPPLY CHAIN-ACCESS AND RATIONAL USE: GUYANA EXPERIENCE

INFLUENCES OF SUPPLY CHAIN ON ACCESS TO MEDICAL PRODUCTS AND RATIONAL USE

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GUYANA MAP BY REGIONS

GUYANA

Population: 783,525
Language: English
Location: Northeastern Coast of South America
Main Exports: Gold, Timber
Total expenditure on health as% of GDP : 5.4% (2012)
INTRODUCTION

- Public sector drug supply system provides unbroken access to safe and efficacious medicines and other health commodities, Sustainable Development Goal #3, and to ensure rational use of these commodities.
- To meet this goal, the GOG in collaboration with PAHO/WHO, USAID has invested and continues to invest heavily in strengthening the Public Health supply chain.
- The Public Health supply chain, though becoming stronger, still faces a number of challenges.
- Supply chain management of the Public Health Supply Chain is based on a logistics cycle developed by GOG in collaboration with USAID.
- The processes within this cycle impact directly on the supply chain and also on access and rational of meds etc. Conversely, supply chain issue also impact access and rational use.
- Multiple challenges exist in the area of rational medicines use, but strategies to address managerial, educational and regulatory factors that may be influencing these challenges are under discussion.
OBJECTIVES

- To Discuss inter play between supply chain, access, and rational drug use.
- To Share and discuss challenges identified and interventions made.
GUYANA LOGISTICS CYCLE

Compliments Ministry of Public Health, Guyana and USAID

1. Enabling Environment
2. Select
3. Procure
4. Support
5. Store
6. Distribute
7. Use
8. Support
9. Procure
10. Support
11. Use

- Select
  - 2. Product Selection
- Procure
  - 3. Quantification
  - 4. Procurement
- Support
  - 5. Inventory Control
  - 6. Warehousing and Storage
  - 7. Transport and Distribution
  - 8. Product Use
- Store
- Distribute
- Use
- Support

1. Enabling Environment
- Logistics Information System
- Organizational Support
- Financing and Donor/Stakeholder Coordination
INFLUENCE OF SUPPLY CHAIN PROCESSES ON ACCESS AND RATIONAL USE

▪ Select*
  ✓ Product Selection – Some suppliers have a difficulty sourcing older generations of medicines
  ✓ STGs available
  ✓ Outdated meds on the EML
  ✓ EML needs updating

▪ Store
  ✓ Inventory Control – (Internal Issues) hinges on warehouse
  ✓ warehousing and Storage – overstocked warehouse and sometimes, under stocked needed items

▪ Procure*
  ✓ Quantification – lack of accurate documentation, incorrect consumption data, incorrect quantification
  ✓ Procurement – Ineffective contract management, poor information flow and product visibility

▪ Distribute*
  ✓ Transport and Distribution – suboptimal order fulfillment, long turn around time, unreliable transportation service.

▪ Use*
  ✓ Product Use –This hinges on physicians choice & product availability establish STG’s

▪ Support
  ✓ Logistics management information system- An Establish unit to deal with : forecasting, quantification information management
  ✓ Organizational Support -MOPH
  ✓ Financing and Donor/Stakeholder Coordination-MOPH, Communities and Finance
IMPACT OF SUPPLY CHAIN ISSUES ON ACCESS AND RATIONAL DRUG USE

- Registration: required for procurement, but affects access and rational use
- The use of alternate or second line therapeutic options
CURRENT INTERVENTIONS

- Revision of laws to strengthen the regulatory functions
- Development and implementation of a National Medicine Policy
- Procurement Unit established and capacity building is ongoing in areas of concern e.g. contract management
- With the support of the USAID, a last mile distribution project has been implemented, to improve the distributions within regions.