Monitoring and Evaluation IN ACTION!

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CASE STUDIES

Monitoring for Problem Identification and Resolution

Program Evaluation

Selected Issues
GLOBAL EPI

Problem

Testing of vaccine potency found millions of doses that had lost their potency due to cumulative heat exposure

Immunization campaigns being compromised because:

- children receiving worthless vaccines
- questionable vaccines destroyed
- lower coverage rates
- millions dollars wasted
Vaccine Vial Monitors (VVM) for:

- Oral polio
- Measles
- Hib
- BCG
- Yellow fever
- Hepatitis B
- Diphtheria
- Tetanus
- Pertussis

VVM color coded labels allow for easy identification of vaccines over-exposed to heat
MONITORING CONDOM SHIPMENTS

Problem

Shipments of condoms to Sub-Saharan Africa were declining, despite rise of HIV infections

Declines not counterbalanced by other donors

Significant condom gap
CONDOM GAP IN AFRICA

Horizontal line represents average procurement of top 6 countries - Botswana, South Africa, Zimbabwe, Togo, Congo and Kenya). Overall provision of condoms is 4.6 per man per year.

Average Availability of Top 6 Countries = 16.9

Additional Condoms Needed to Get All SSA Countries to the level of 16.9 = 2 billion per year
AMELIORATIVE ACTIONS

- Creation of Condom Fund
- Formation of Reproductive Health Supplies Coalition
- Demand Creation
- *ABC battles make corrective actions difficult*
Problem

Stagnation or decline in immunization coverage in Africa

Problem identified through surveys, well after serious degrading of EPI

Tracking of vaccine shipments or funding levels could have served as early warning system
AMELIORATIVE ACTIONS

- Reallocation of Funds
- UNICEF/USAID Taskforce
- Partnership for Maternal, Newborn and Child Health
- Field Guidance
- Global Alliance for Vaccines and Immunization (GAVI) and GAVI Funds (Private-Public Partnership)
SYSTEM EVALUATIONS

Problem

Very Poor Access to Family Planning, especially in rural areas
- services offered by medical personnel
- rigid screening
- fixed facilities

Low Contraceptive Prevalence
SOLUTION

Series of quasi-experimental studies

- areas with lay CBD providers vs. standard of care
- conducted in all geographical regions
- over 25 studies
Without exception, dramatic increases in treatment areas with modest or no increase in control areas.
IMPACT

Change in policies and programs
CBD is now the norm
Dramatic increase in prevalence
SELECTED M&E ISSUES
SELECTED M&E ISSUES

Monitoring System *must be*

- Timely
- Utilized
- Accurate
SELECTED M&E ISSUES

Project vs. Impact Evaluation

Project: Did the contractor do what you paid them to do?

Impact: Did you ask them to do the right thing?
SELECTED M&E ISSUES

Program Evaluation from the Get Go

IMCI

Multi-country Evaluation
SELECTED M&E ISSUES

M&E Indicators Frame
Program Inputs and Activities

Contraceptive Prevalence vs. Continuation Rates
SELECTED M&E ISSUES

Many Decisions are **Not** Evidence Based

- *Recent examples:*
  - FDA EC Decision
  - Abstinence
  - Condom Degradation
  - Needle Exchange Programs
SELECTED M&E ISSUES

Critical Mass of Evidence Often Needed for Fundamental Changes

- CBD Family Planning
- ORT
- Vitamin A Supplementation
SELECTED M&E ISSUES

RESULTS ARE NOT ENOUGH!

The Case of Vitamin A Supplementation
SELECTED M&E ISSUES

Diffusion of Vitamin A

11 field trials

6 meta analyses
Key Events in Diffusion of Vitamin A

1972: Secretary of State, Kissinger pledges support for VA to first World Conference on Food in Rome
1972: U.S. devotes $3 million VA
1972: 5 countries begin VA supplementation

1975: IVACG established
1975: Sugar fortification in Central America

1982: Sommer article in Lancet
1984: Congressional Hunger Committee
1985: UNICEF focuses on VA
1985: U.S. Congress creates VA funding mandate
1986-1992: Confirmational Studies
1985-1987: USAID funds research confirming VA saves children's lives

1990: World Summit for Children
1990: UNICEF/WHO Montreal Conference
1992: International Conference on Nutrition
1992: Bellagio
1992: Jim Grant (UNICEF) epiphany
1999: USAID's Global VITA Alliance

1993: World Bank Development Report highlights higher cost-benefits of VA
1993: Beaton/Fawzi Meta-analysis
1993: CIDA commits to VA capsule procurement

1996: Meetings setting VA goals
1996: CIDA commits to VA capsule procurement
1996: WHO/UNICEF endorse integrating VA and EPI/NIDS
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1999: USAID's Global VITA Alliance
2002: Vitamin A supplementation in over 80 countries

1965: U.S. begins fortifying nonfat dry milk for Food for Peace Program
1984: Jim Grant (UNICEF) epiphany
1999: USAID's Global VITA Alliance