DISASTER RESPONSE AND REFUGEE HEALTHCARE: Rapidly deploy to disaster locations to assess needs and provide urgent assistance, including health systems support.

HEALTHY CHILDREN AND SAFE MOTHERHOOD: Establish community-based, sustainable child health practices and prenatal, delivery and postnatal care for women to increase survival rates and empower communities to address their health needs.

HEALTHCARE TRAINING AND SUPPLIES: Acquire, pack and distribute donated medicines, supplies and health products for primary care, maternal and child health to qualified organizations and hospitals.

MOBILE DENTAL CLINICS: Provide qualified organizations and hospitals with medicines, supplies and health products for primary care, maternal and child health.
MTI Worldwide

Mother and Child Survival
Medical Training and Supplies
Mobile Dental Clinics
Disaster Response and Refugee Healthcare
MTI Field Offices
Leverage to Add Value

- Volunteers + Local Staff
- GIK + Local Supply Chain
- Partnerships + Government
- Private + Institutional Funding
PROFILE: UGANDA

 Refugees

 Refugees

 Nodding Syndrome
Refugees

• Healthcare for 475,000 refugees + local “hosts”
• Run 23 clinics (soon 30+)
• Support 4 health centers
• 800,000 patient visits/yr
Aim: Improve Healthcare

• Medical volunteers serve and train
• Supply locally but GIK fills in “gaps”
• Expansion: fistulas; broader supply chain management
• Data points: maternal mortality almost eliminated
Innovation: Automate Data

**Problem**
- All paper records, 77 UN required forms
- Keyed and submit
- No use for data

**Solution**
- Cambia Health + MTI “hackathon”
- Automate collection, monitoring, forwarding using Android app, tablets

**Status**
- Development complete
- Pilot: June
- Plan further modules
Nodding Syndrome

- Progressive neurological disease
  - Affects children
  - So. Sudan, Tanzania, No. Uganda
  - 1644 Pader children since 2012
- Seizures when eating
  - Children die of malnutrition, secondary injuries, infections
  - No cure – widespread panic
- Area still in recovery
  - Decades long rebel violence
  - Inattention to health systems
Our Project

• Partner with local health authorities; identify local needs
  • Focus moved from recovery to resilience
  • Support community access to health care for mothers/children
  • Improve access to emergency and maternal health services

• Medicine + Occupational therapy for Nodding Syndrome
  • Locally available seizure medication only partially effective
  • Depakote (AbbVie product) eliminates symptoms
Impacts in Pader

**Improve community health**
- Prenatal care, immunization, HIV service, family planning, malaria and NS

**Establish emergency transport**
- Committees to help transport pregnant women and other emergencies to health facility

**Medications & Rehabilitation**
- AbbVie donated medications – helped 323 children and young adults
- 90 children have returned to school

**Sustainability**
- Transitioned now to Pader District government.
Lessons: Anticipate Three Goals

Scalable
- Leverage local staff with skilled prof. volunteers
- Drive efficiency and reporting with technology

Integrated
- Preventive, curative, & rehabilitative service
- Refugees & Host community
- Community-based & Health facilities

Sustainable
- Goal: Resilient health system
- Collaborate on local needs assessment
- Negotiate roles/timelines with local authorities
- Train local staff
Implications for Measurement

Challenge
- Patient identifiers
- Limited field experience with data

Anticipate “Big Data”
- Scalable data
- Drive efficiency with clinical management data
- Real time data
- Develop responses

Measure health system strengthening
- Adhere to clinical protocols
- Efficient referral networks
- Prevent unnecessary hospitalization
- Stabilize supply chain
- Retain health workers
More Information

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Thanks!