







Healthcare Systems Strengthening
Maternal Health

#### Uganda Project - Overview

- Health Situation
   Uganda has high rates of infant mortality and child mortality rates
  - 75/137 death per 1,000 live birth (respectively)
  - For every 100 women delivering 15 suffer complications
- Strides Program Objectives
  - Strides is a USAID funded program working with the government of Uganda
  - The goal was to strengthen the capacity of health systems in 15 districts
  - These district represent
    - 5 million Ugandans
    - 1 million women of reproductive age
  - Strides was designed to be a new way to improve health PPP model





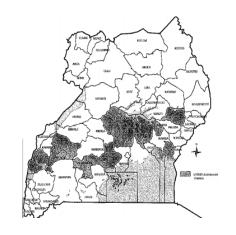
# Uganda Project - Highlights

- IMEC facilitated the 112 health facilities (out of 588)
  - 83 Health Center III
  - 29 Health Centers IV
- Providing "complete" Labor/Delivery Equipment Suites
  - 3D Ultrasound Scanner
  - Obstetrical Exam Table
  - Adult Scale
  - Stethoscope (duel head)
  - Ophthalmoscope
  - IMEC supply box
  - Oxygen Concentrator

- Ultrasound Trolley
- Exam Light
- Infant scale
- Stethoscope (fetal)
- Otoscope
- IMEC Linen box
- Solar Generator



- Delivery instrument set
- Fetal Doppler (hand held)
- Sphygmomanometer
- Waster can w/petal
- Medical supply suite







- IMEC also provided Biomedical training to 30 individuals
  - 12 day course on equipment installation, calibration, repair and service
  - Provided skills and ability to train others (train the trainer)
  - Included equipment manuals and support documents
  - Developed a maintenance management system
  - Integration of technology into healthcare delivery plan



# Results / Impact Achieved



- The Strides program:
  - Improved the capacity of health facilities BEmONC and CEmONC services
  - Increased the number of women delivering at health facilities
  - 35% reduction in fatalities for women with direct obstetric complications
  - Enhanced capacity of districts to maintain facility and medical equipment

Indicator	Baseline period (July 2010 –March 2011)	Project Period (July 2011 - March 2012)	Actual Increase	Percentage increase
Number of pregnant women who receive     ANC consultation	3320	4321	1001	30%
Number of pregnant women who receive     ANC consultations	634	1541	907	143%
3. Live births delivered at a health facility	1409	1738	329	23%



# Challenges / Lessons Learned

#### <u>Challenges</u>

- Poor Infrastructure in the Hospital (especially power)
- The low level of knowledge of Biomed trainees (lacking basic knowledge – thus creating time required)

#### **Lessons Learned**

- PPP is unique to Uganda MOH wants future PPP collaborations
- Comprehensive Healthcare System approach appreciated NGO/ Govt/Privete Sector collaboration was very positive