

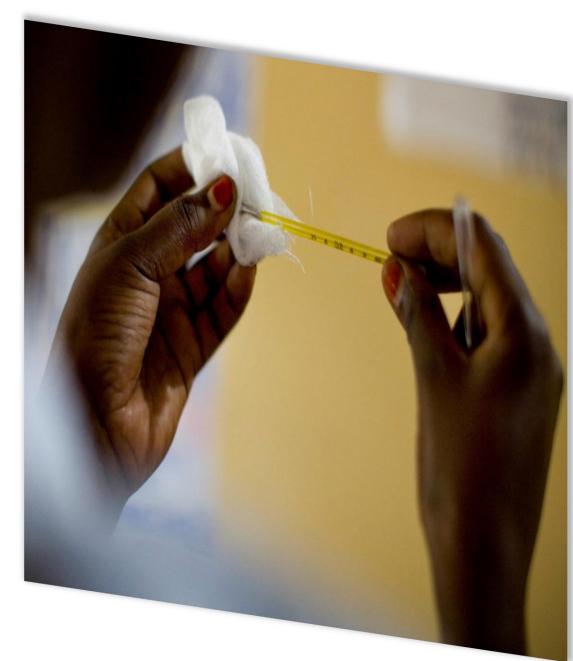




Flashpoint 7: Infection Prevention and Management

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Cesarean Section Safety and Quality in Low Resource Settings 27 – 28 July 2017, Boston Harvard School of Public Health





What are some risk factors for maternal sepsis?

Factors Influencing Occurrence of Maternal Sepsis

Maternal Infection

Delivery Factors

- Antibiotic overuse and bacterial resistance
- Early discharge from facility
- Poor WASH infrastructure and behaviors
- Multiple vaginal exams
- Postpartum hemorrhage
- Prolonged rupture of membranes
- Prolonged labor
 - Cesarean delivery

Environmental Factors

- Long distance from health care facility
- Delivery by untrained attendant
- Lack of transportation
- Low socioeconomic status
- Cultural factors that delay seeking treatment

Maternal Factors

- Malaria
- Anemia
- HIV
- Obesity
- Poor nutrition
- Pelvic infection
- Invasive procedures
- Primiparity







Changing Landscape of Childbirth

Skilled providers and facility infrastructures have not kept pace

Facility births increasing

C-S increasingly common (18.6%)

Poor facility IP

IP guidelines outdated

Inappropriate Abx prophylaxis

Surgical technique; tissue oxygenation

Post-op care/monitoring

Increased numbers and rates of Post C-S infections, and M/M







Opportunities for Improvement on Maternal Infection

- Better labor care
- Safe Cesarean Birth Practices*
 - Appropriate use of prophylactic antibiotics
 - Proper skin preparation technique
 - Vaginal cleansing with povidone-iodine immediately prior to cesarean section
 - Adequate tissue oxygenation
 - Proper surgical techniques
 - Proper infection prevention (e.g., instrument processing and storage

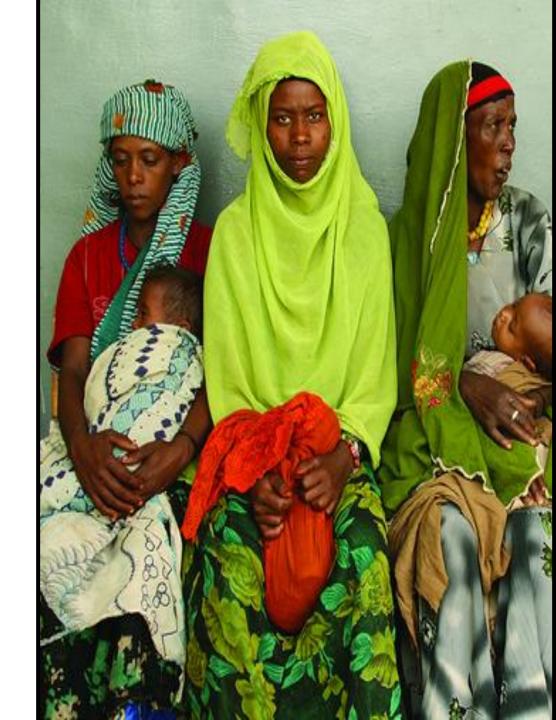
Safer Cesarean Births in Tanzania Project











Opportunities for Improvement on Maternal Infection

Infection + Organ Dysfunction = Maternal Sepsis

- Post-operative care and monitoring
- Stratification of discharge
- Modified obstetric early warning score; UK Red Flag Sepsis

