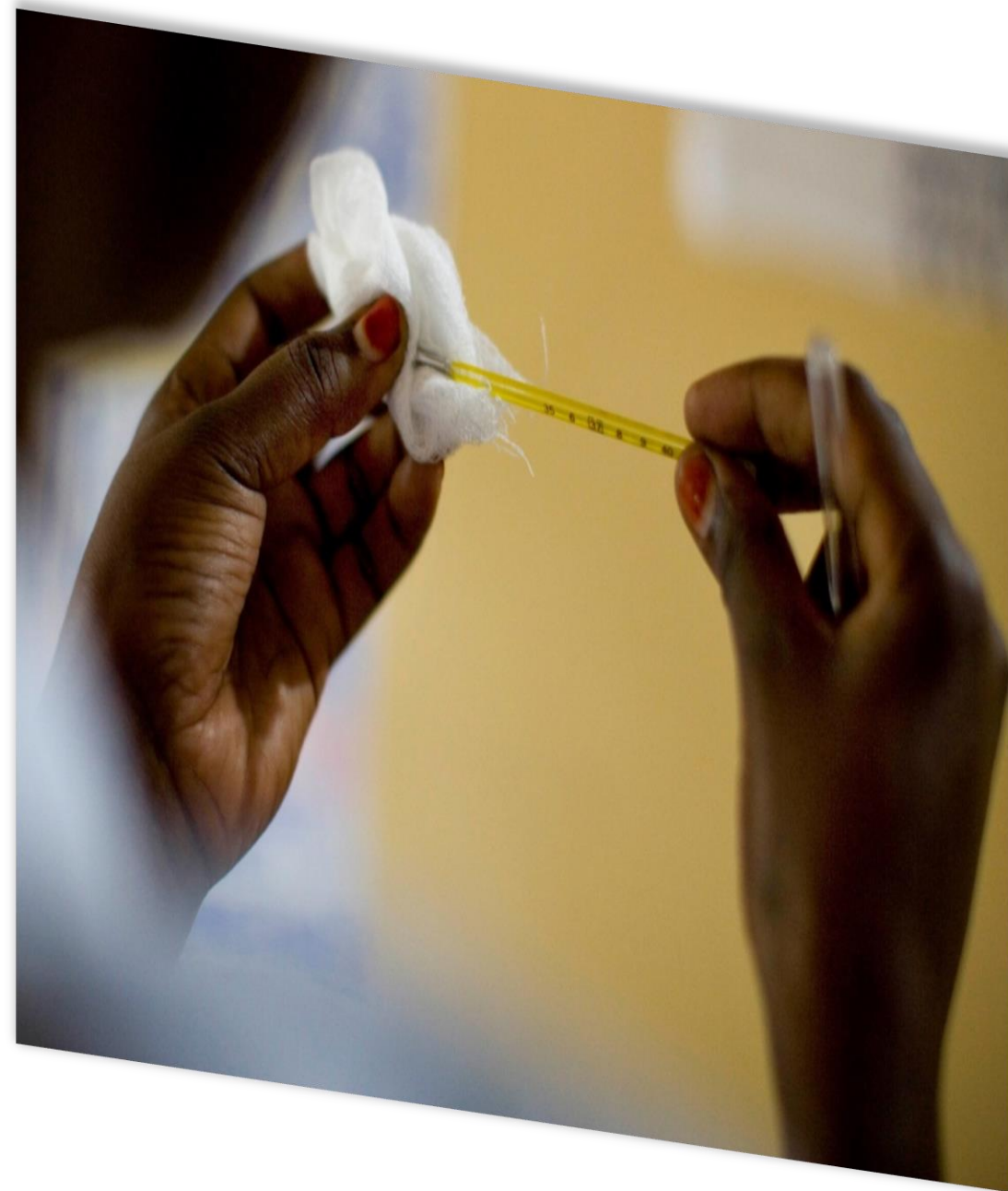


Flashpoint 7: Infection Prevention and Management

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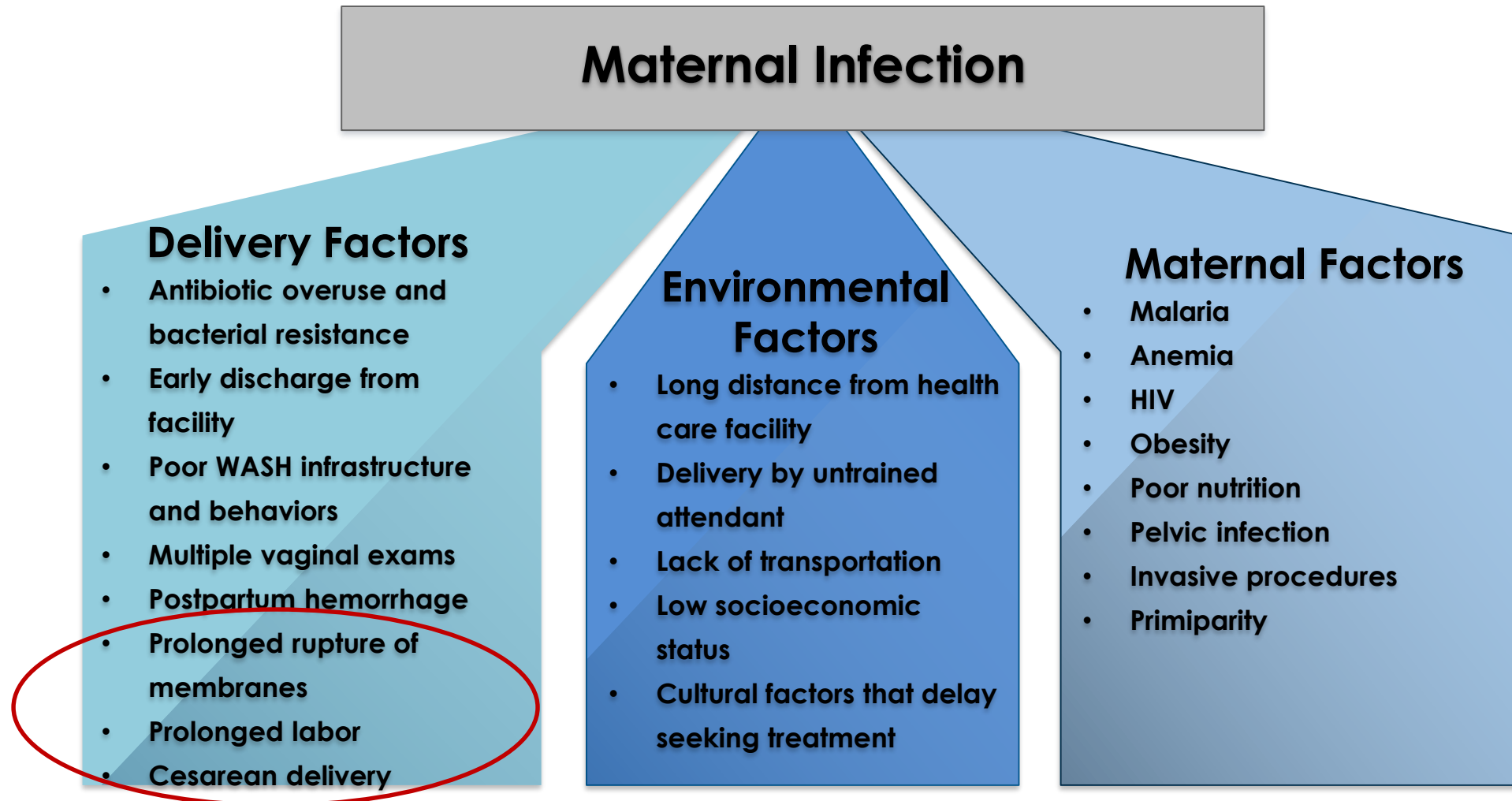
Cesarean Section Safety and Quality in Low Resource Settings
27 – 28 July 2017, Boston
Harvard School of Public Health





What are some risk factors for maternal sepsis?

Factors Influencing Occurrence of Maternal Sepsis



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IP guidelines outdated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)

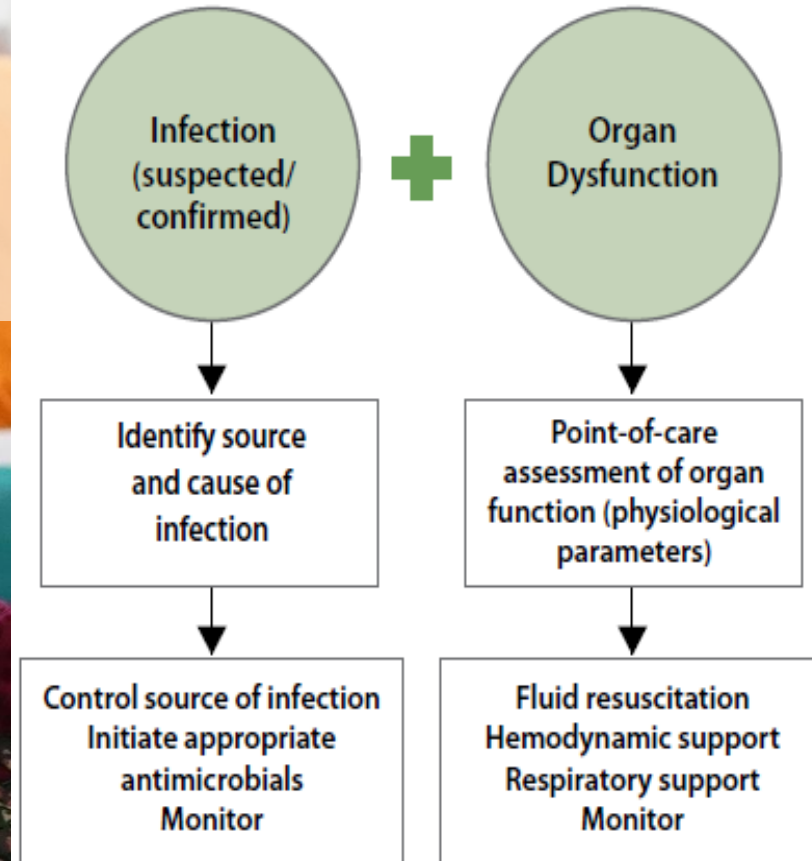
Safer Cesarean Births in Tanzania Project



Opportunities for Improvement on Maternal Infection

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

Infection + Organ Dysfunction = Maternal Sepsis





Thank you