



MISSION

- To decrease incident HIV and HIV-associated infections including mother-to-child transmission among infants, children, youth and pregnant/postpartum women
- To decrease HIV-associated mortality and morbidity among these populations

KEY SCIENTIFIC RESEARCH AREAS

- Cure
- Tuberculosis
- Complications & Co-Morbidities
- Treatment
- Prevention

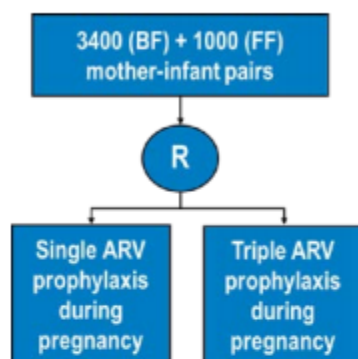


*International Maternal Pediatric
Adolescent AIDS Clinical Trials Network*

HIV PREVENTION SCIENTIFIC AGENDA

- Prevent mother to child transmission and optimize infant and maternal health outcomes
- Reduce HIV infections in youth combining behavioral and biomedical interventions
- Primary Prevention
 - Pre-exposure prophylaxis (PrEP)
- Secondary Prevention
 - Adherence to biomedical interventions, retention and care

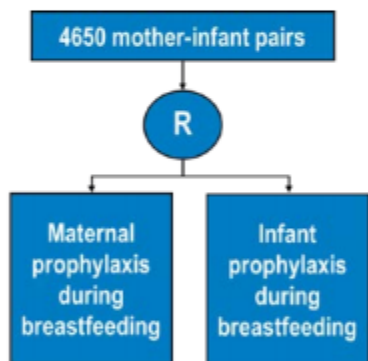
The PROMISE Study Addresses Important Global Public Health Questions in PMTCT



Enrolled to date
2,940

ANTEPARTUM:

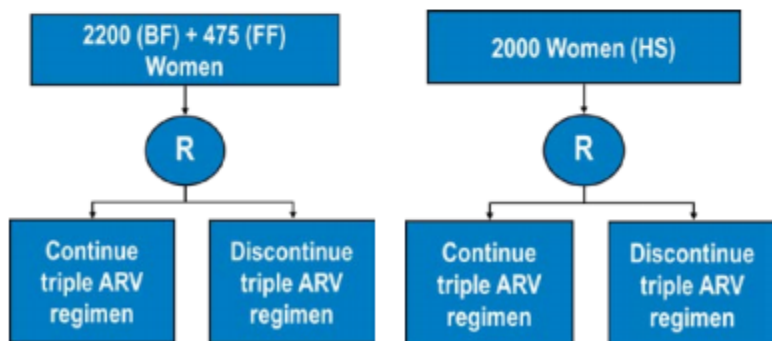
What is the optimal intervention (efficacy and safety) to prevent in utero and intrapartum transmission of HIV to infants?



Enrolled to date
1,948

POSTPARTUM:

What is the optimal intervention (efficacy and safety) to prevent transmission of HIV to infants during breastfeeding?



Enrolled: **630**

1,366

MATERNAL HEALTH:

What is the optimal intervention to preserve maternal health after the period of risk for MTCT? (Benefits vs. Complications of Option B vs. Option B+)

PROMISE will also address

- Effect of tenofovir during pregnancy and breastfeeding on maternal and infant bone and renal outcomes
- ARV drug resistance in women and in infants who become infected despite prophylaxis
- Hepatitis B and other co-infections
- ARV adherence
- Cost-effectiveness of interventions

PREVENTION COMMITTEE BEHAVIORAL SCIENCE CONCEPTS IN DEVELOPMENT

- **CAP 300** - Improving medication adherence among HIV+ youth
 - Using an adherence-enhanced, Trauma-Informed Cognitive Behavioral Intervention (TI-CBTe)
- **CAP 301** - Impact of Drug Level Feedback and Integrated Sexual Health Promotion Counseling on PrEP Adherence among the Social and Sexual Network Members of HIV-positive Youth

DOWN THE ROAD...HARNESSING NEW TECHNOLOGY TO REACH YOUTH FOR HIV PREVENTION

- Opportunities to use rapidly evolving technology to improve HIV testing, engagement and adherence
- Mobile phone technology is changing health information access and service delivery globally
- Innovative mobile applications for smart phones and older model “feature” phones will form part of interventions