



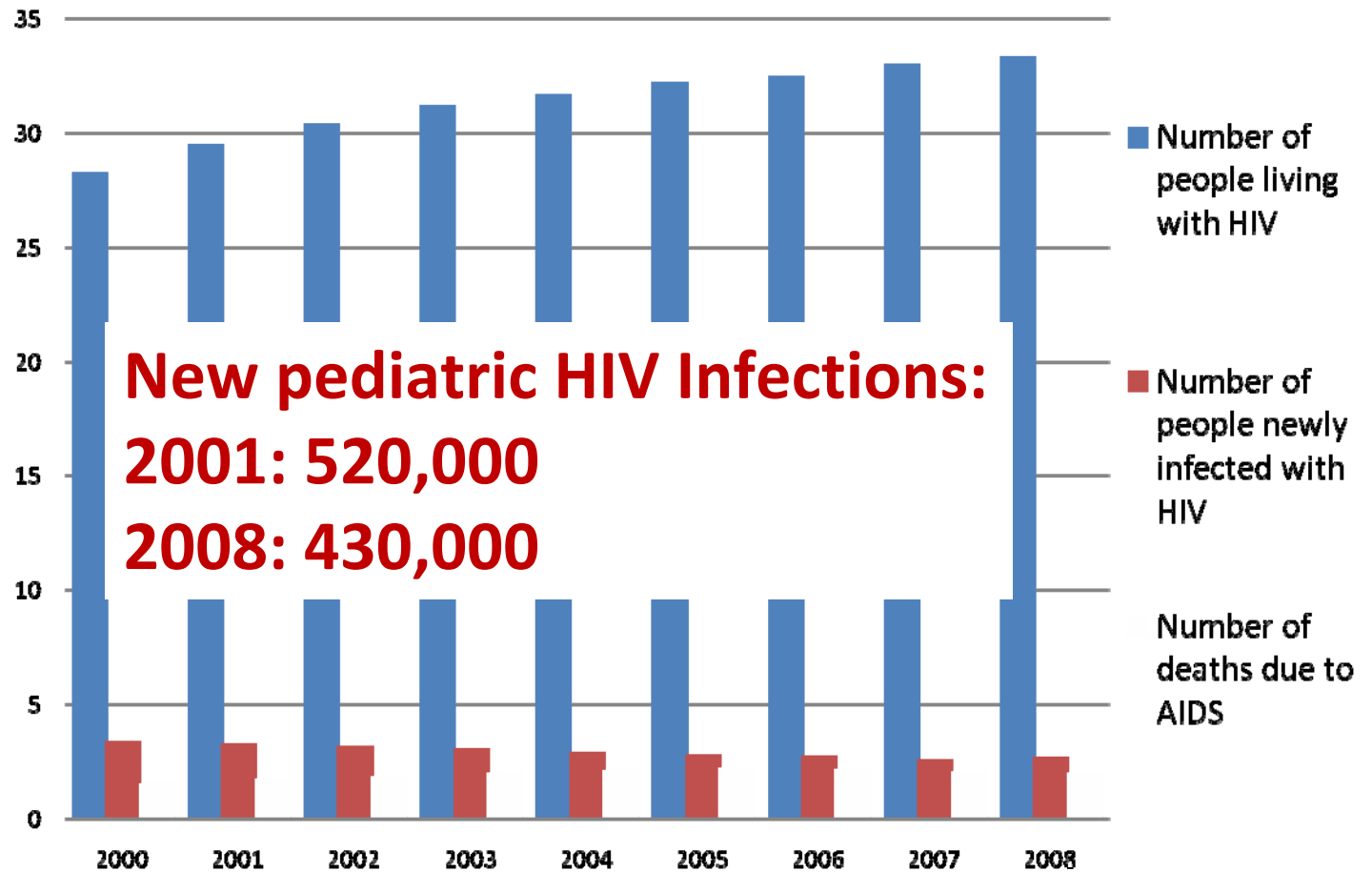
ELIZABETH GLASER
PEDIATRIC AIDS
FOUNDATION

PMTCT Implementation and the Importance of Male Involvement

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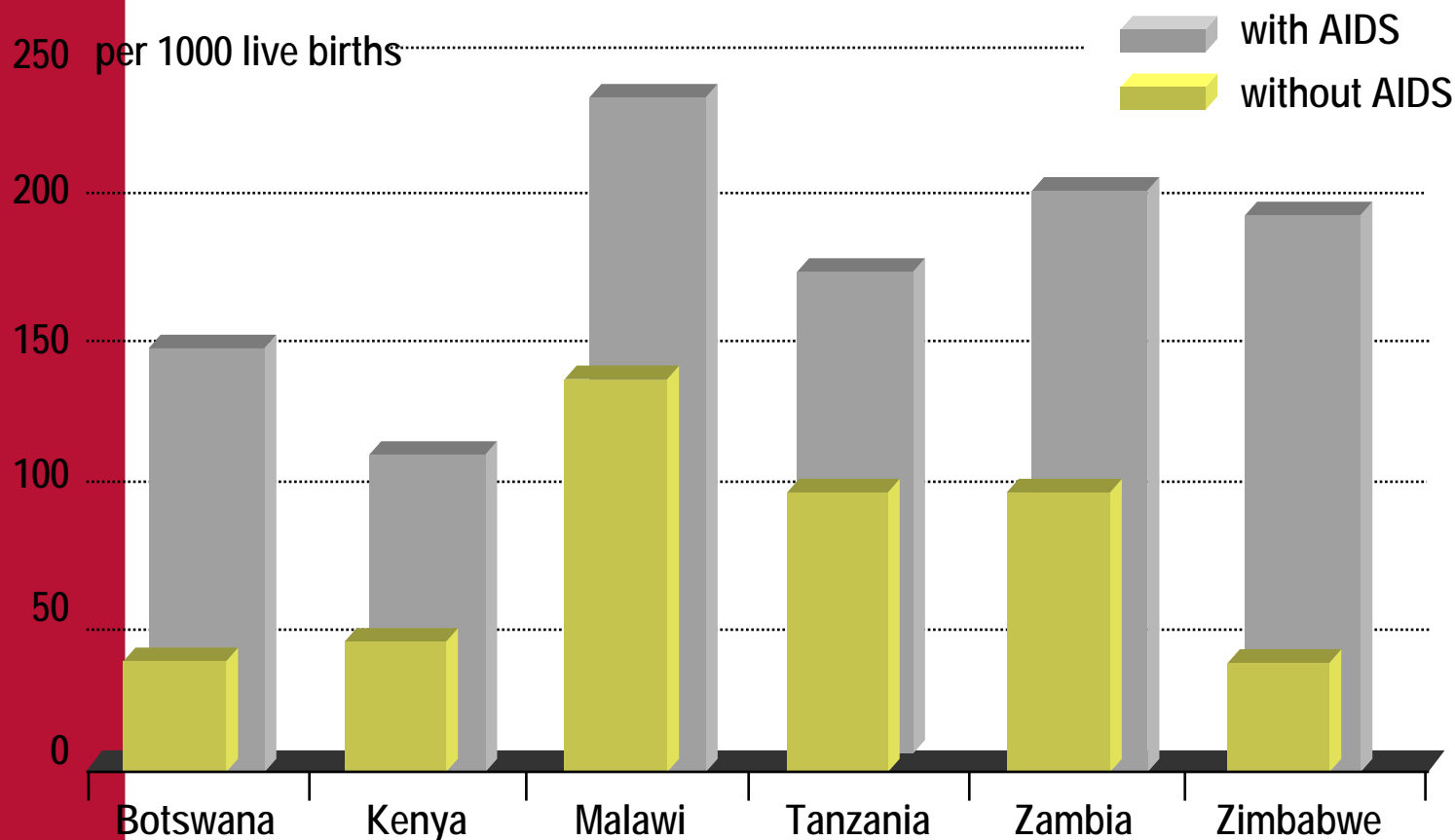
Trends of the HIV epidemic

(in millions)



Impact of AIDS on child mortality rates

Selected African countries, 2010



Mother-to-child transmission

- Accounts for over 90% of pediatric infections
- Approximately 1.4 million HIV+ pregnant women annually need PMTCT services (2008)
 - Over 90% in Sub-Saharan Africa
 - 70% in Eastern/Southern Africa
 - 30% in Western/Central Africa
- Global PMTCT scale-up begins 1998-99

EGPAF Mission

- ***The Elizabeth Glaser Pediatric AIDS Foundation seeks to prevent pediatric HIV infection and to eradicate pediatric AIDS through research, advocacy, and prevention and treatment programs.***



WHO's 4-Component Strategy for MTCT Prevention



Prevention of HIV in women, especially young women

Prevention of unintended pregnancies in HIV-infected women

Prevention of transmission from an HIV infected woman to her infant

Support for HIV infected women, their infant, and family

Component

1

Component

2

Component

3

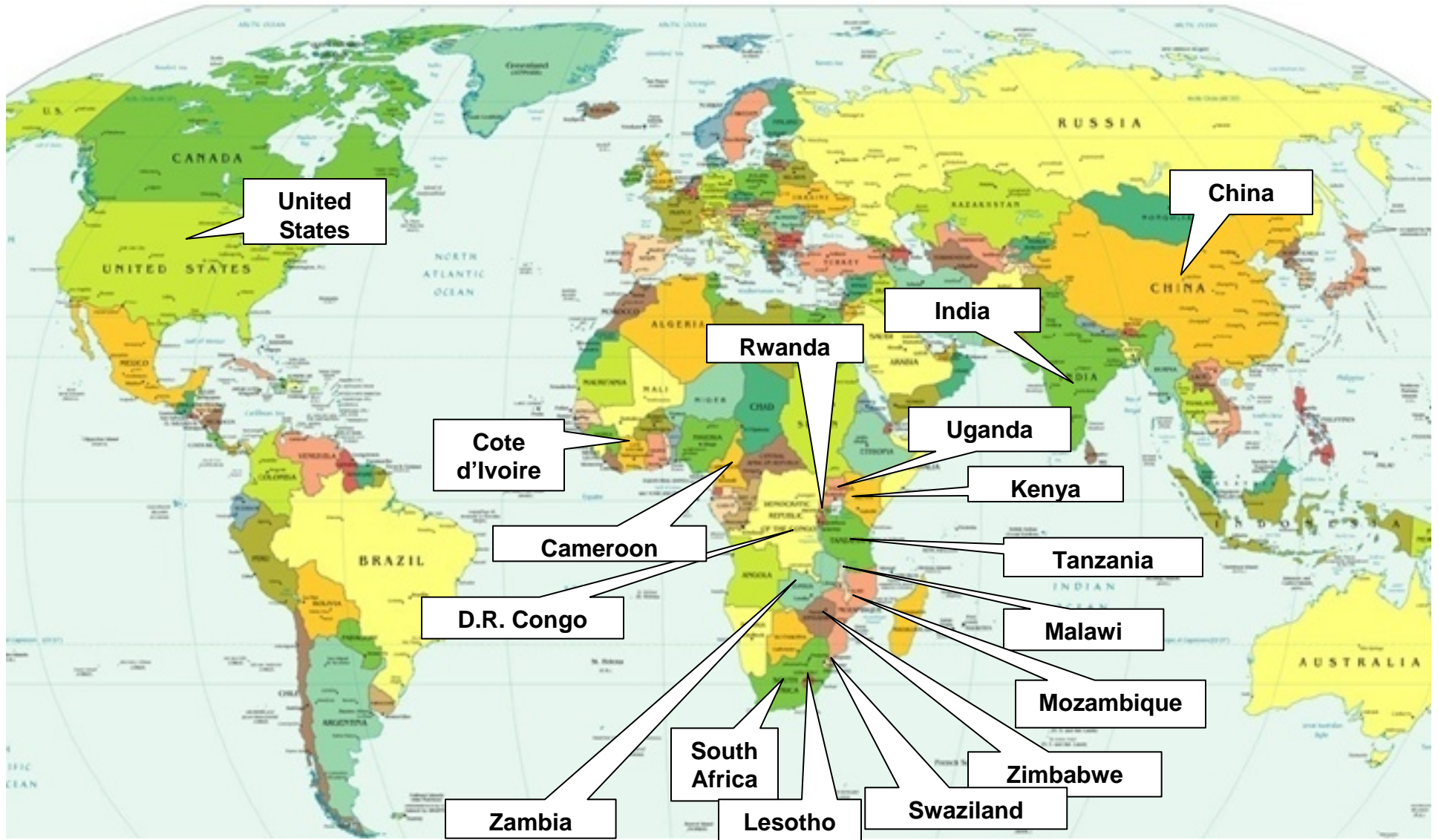
Component

4

EGPAF International Programs:

2000 → 8 sites in 6 countries

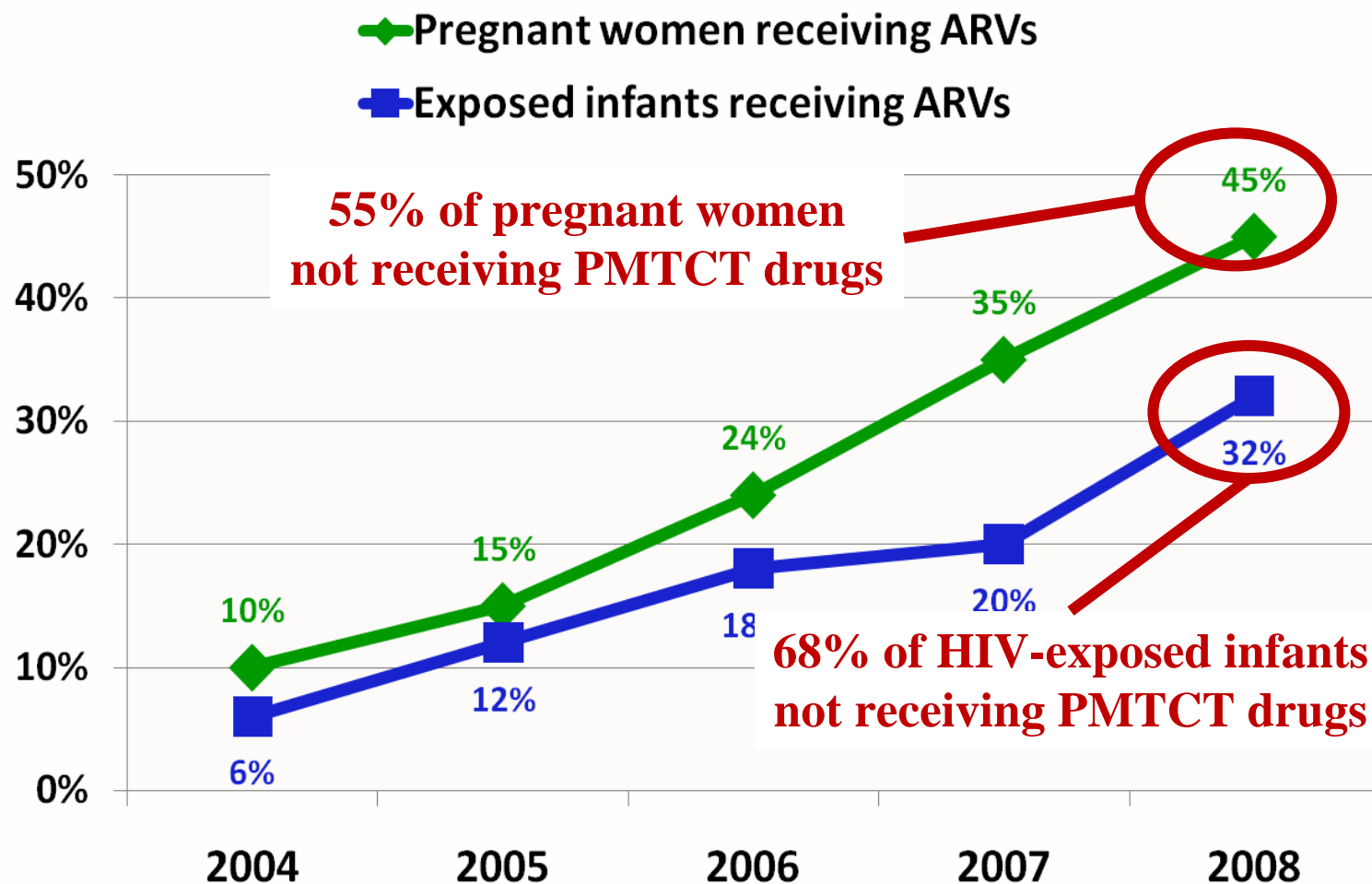
2010 → >4865 sites in 16 countries

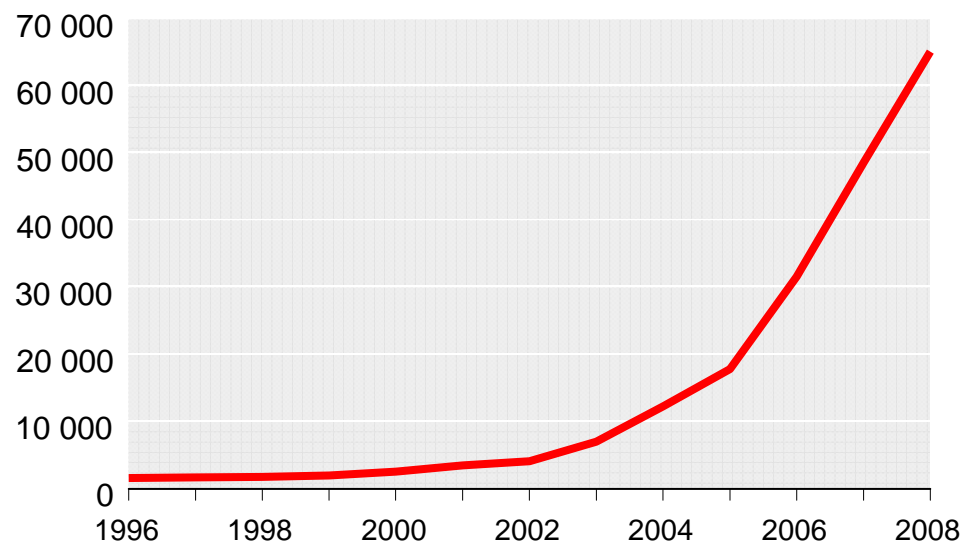


PMTCT Components

- **Primary Prevention of HIV infection**
- **Prevention of unwanted pregnancy in HIV-infected women**
- **Maternal HIV Counseling and Testing**
- **Maternal HIV Counseling**
- **Maternal Antiretroviral Prophylaxis or Treatment**
- **Infant Antiretroviral Prophylaxis**
- **Nutrition Counseling and Support**
- **Care, Support and Treatment for women, children, and families**
- **Early infant diagnosis**

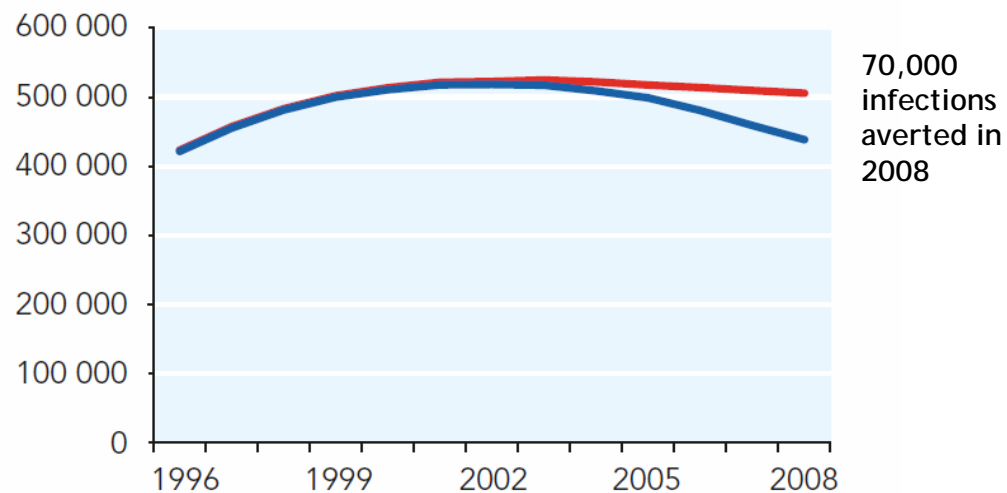
Access to ARV Drugs for PMTCT





Estimate of the annual number of infant infections averted through the provision of ARV prophylaxis to HIV-positive pregnant women, globally, 1996–2008

Estimated number of new pediatric infections with and without PMTCT prophylaxis globally, 1996-2008



— No prevention of mother-to-child transmission
— At current levels of antiretroviral prophylaxis

New 2009 WHO Guidelines

- **PMTCT:**
 - Treat all pregnant women eligible for ART (eligibility expanded to CD4 < 350)
 - Start ARV drugs earlier (2nd trimester)
 - Continue ARVs through breastfeeding period
 - Breastfeed for 12 months (exclusive for 6 mo)
- **HIV Treatment:**
 - Start treatment earlier (CD4 count < 350)
 - Treat all children < 2 years of age

Male Partner HIV Testing and Antenatal Clinic Attendance Associated with Better HIV-Free Survival in Infants

Aluisio A et al. IAS, Capetown, South Africa, July 2009, Abs. TuAC105

