

# **Rapid HIV Testing of Women in Labor & Delivery: A Practical Guide & Model Protocol**

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# Contributors

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# Background

- ~280-370 perinatally HIV-infected infants in 2000
- The ideal time for initial HIV testing and treatment is pre-conception, next best is early in prenatal care.
- ~40% of infected infants, maternal HIV status unknown to provider prior to L&D.
- ART can reduce MTCT up to 50% even when begun during L&D.
- “Good” rapid tests are now available in the U.S.
- Rapid testing in L&D is logistically feasible (MIRIAD & others)

# Purpose of this Model Protocol

- Practical guidance to:
  - Clinicians
  - Laboratorians
  - Hospital Administrators
  - Public Health Program & Data Professionals
  - Policy Makers
- Provide general structure of a rapid HIV testing protocol, can be adapted locally

# General Components

1. Planning & Implementing- considerations in preparation
  - Location of Testing (Lab of Point-of-Care)
  - Interpretation of Test Results
    - *What does a positive rapid test actually mean?*
  - System to access prenatal HIV test results
  - Making decision on the type of rapid testing to do
    - *OraQuick, Reveal, SUDS?*
  - Educating/Training L&D staff

# Key Elements of a Local Protocol

- Determining eligibility for rapid testing
- Ensuring confidentiality
- Suggested approaches to testing—informed consent issues to consider
- Currently approved test kits
- Interpreting results and confirmatory testing

## Key Elements (cont.)

- Providing results—posttest counseling
  - Providing NEGATIVE results
  - Providing POSITIVE results
- Peripartum Clinical Management
  - USPHS Guidelines
  - [www.aidsinfo.nih.gov/guidelines/](http://www.aidsinfo.nih.gov/guidelines/)
  - Scenarios 3 & 4
  - Intrapartum OB care
  - Is there a role for Cesarean section?

## Key Elements (cont.)

- Neonatal Care
- Communication with Pediatricians
- Follow-up of mother & infant
  - key referrals
- Reporting HIV/AIDS

# Management Considerations- Preparation, Education & Training

- Key players to involve
- Educating L&D staff
  - Who to train
  - Content
  - Strategies/Methods
- Training Essentials for Persons Performing Rapid Testing
- Ensuring Proficiency & Competency

# Appendices

- Model documents for offering testing
- Manufacturer instructions for approved tests
- Boxed case studies
  - How did start-up & implementation work in New Jersey and New Orleans?
- Dear Colleague Letter from Dr. Jaffe & Dr. Gerberding

# Interested?

- Available in fall 2003
- CDC website
  - [www.cdc.gov/hiv/projects/perinatal/](http://www.cdc.gov/hiv/projects/perinatal/)
- Citable source -- TBD

**Want to provide input or get info?**

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**Thank You**