This guideline is intended to ensure appropriate and timely management of newborns at risk for HIV infection, following current recommendations from AAP, CDC, ACOG and NIH at the time of publication. Please refer to: www.aidsinfo.nih.gov for the most up to date treatment options. For questions, please call Pediatric Infectious Disease.

HIV Unknown

- Obtain maternal rapid HIV antibody screen as soon as possible (contact OB)
- If mother refuses testing: Obtain rapid HIV antibody test on infant
  Mother or infant positive:
  - Notify PCP and Pediatric ID
  - Start anti-retroviral treatment per Pedi ID
  - No breastfeeding (pending results of confirmatory testing)

Maternal HIV Status

Positive

- Notify PCP immediately
  - ID consultation (do not delay treatment)
  - Delay Vitamin K/ Hepatitis B vaccine until after bath/site well cleansed
  - Give erythromycin after eyes are cleansed
  - Initiate treatment as soon as possible (within 6-12 hours of delivery)
  - Formula feed (No Breastfeeding)
  - Obtain CBC with diff, AST, ALT, HIV DNA PCR (whole blood purple top 1 mL minimum)

Mother treated with ART

Infant Antiviral Dosing Regimen

1 Zidovudine (AZT) 10 mg/mL oral
   ≥ 35 weeks: 2 kg: 1 mL Q12
   3-4 kg: 1.5 mL Q12
   4-5 kg: 2 mL Q12
   IV: 3 mg/kg/dose Q12 (if unable to take PO)
   ≥ 30 weeks & < 35 weeks:
   2 mg/kg/dose PO Q12
   IV: 1.5mg/kg/dose Q12 (if unable to take PO)
   <30 weeks: www.aidsinfo.nih.gov

2 Nevirapine
   >2 kg: 12 mg/dose PO
   1.5-2 kg: 8 mg/dose PO
   3 doses in the first week of life:
   1st dose: within 48 hours of life
   2nd dose: 48 hours after 1st dose
   3rd dose: 96 hours after 2nd dose

Infant treatment: Zidovudine (AZT)1

Higher Risk Infant

Infant treatment: Zidovudine (AZT)1 Nevirapine2

 Lower Risk Infant


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Algorithms are not intended to replace providers' clinical judgment or to establish a single protocol. Some clinical situations may not be adequately addressed in this guideline. Clinicians should document management variations or plans of care as indicated. Last revised November 2019