Procedures to Prevent Perinatal Hepatitis B Virus Transmission at Delivery

Maternal Surface Antigen (HBsAg) Test Results **AVAILABLE**

**Woman presents for delivery**

- **HBsAg**
  - Maternal HBsAg results

  - **HBsAg**
    - **Place copy of woman’s original HBsAg lab report in:**
      - Woman’s labor and delivery chart
      - Infant’s hospital record
    - **Alert nursery staff that infant needs HepB and HBIG vaccine within 12 hours of birth**
    - **Administer HepB and HBIG vaccine to infant within 12 hours of birth or as soon as possible thereafter**
    - **Alert pediatric provider (if known)**
    - **Alert public health department perinatal hepatitis B coordinator**
    - **Report results in Immunization Registry**

- **HBsAg**
  - **Retest HBsAg**
    - See perinatal algorithm results for unavailable at birth

**Baby weighs less than 2000g**

- **Yes**
  - Administer another dose of HepB vaccine one month after birth
  - **Note:** Birth dose does not count toward vaccine series
  - Follow-up with public health department perinatal hepatitis B coordinator

- **No**
  - Follow recommended HepB vaccination schedule
  - **Discharge Instructions:**
    - Provide woman with infant’s immunization record
    - Emphasize importance of bringing record to pediatric provider at each visit
    - Educate woman about importance of completing infant’s vaccine series

**HBV risk factor present?**

- **Yes**
  - **HBVsAg+ partner**
  - **Clinical hepatitis**
  - **Risk Factors:**
    - ≥ 2 sex partners in previous 6 months
    - STD
    - Injection drug use
    - HBsAg+ partner

- **No**
  - **HBsAg**
    - **Place copy of woman’s original HBsAg lab report in:**
      - Woman’s labor and delivery chart
      - Infant’s hospital record

- **HBsAg**
  - **Administer first dose of HepB vaccine before infant leaves hospital**
  - **Administer first dose of HepB vaccine at hospital discharge or one month after birth**

**Resources available at** www.CDC.gov/hepatitis/perinatalHepB