Hepatitis B Prevention

Management of Pregnant Women & Infants

Prenatal HBsAg Testing:
- Test ALL pregnant women within first trimester of EACH pregnancy, even if tested before or if she had hepatitis B (hepB) vaccine
- Send copy of lab report to hospital
- Report all hepatitis B surface antigen (HBsAg)-positive results to local health department within 24 hours
- Refer or provide HBsAg-positive women medical management and counseling on:
  - Modes of hepatitis transmission
  - Perinatal concerns (breastfeeding; treatment of infants exposed to hepatitis B virus (HBV))
  - Prevention & prophylaxis for infants; testing and/or hepB vaccine for sexual & household contacts
  - Medical evaluation and treatment of chronic HBV

At Admission for Delivery:
- Review HBsAg status of all pregnant women
- Test STAT, if HBsAg result for the current pregnancy is not available
- Retest HBsAg-negative women if at risk of infection:
  - Injection drug user (IDU) or partner of IDU
  - More than one sex partner in last 6 months
  - Sexual contact of HBsAg-positive partner
  - Evaluated/treated for STD
  - Has hepatitis symptoms
- Ensure maternal HBsAg results are in labor/delivery and nursery medical record

After Delivery:

<table>
<thead>
<tr>
<th>If mom’s HBsAg status is:</th>
<th>Give hepB vaccine and HBIG within 12 hours of birth</th>
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<tbody>
<tr>
<td>Positive</td>
<td>Give hepB vaccine within 12 hours of birth and HBIG within 7 days or sooner if mom is found to be HBsAg-positive or if infant is preterm &amp; less than 2000 grams.</td>
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<tr>
<td>Unknown</td>
<td>Give hepB vaccine within 24 hours of birth</td>
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- Document mom’s HBsAg status on the newborn screening (NBS) card
- Record date and time hepB vaccine and HBIG is given in infant’s medical record and on the electronic birth certificate (EBC) worksheet
- For HBsAg-positive moms and moms whose HBsAg status is unknown at time of discharge
  - Fax “Perinatal HepB Case Report” to MDHHS (found in PHBPP manual at www.michigan.gov/hepatitisb)
  - Alert pediatric provider of mom’s status

Follow-up Care for Infants:
- Complete hepB vaccine series at 1-2 months and 6 months of age if using single-antigen vaccine
- May complete hepB vaccine series at 2, 4 and 6-15 months of age if using hepB combination vaccine (do not give before 6 weeks of age)
- Record all vaccine/HBIG doses in Michigan Care Improvement Registry (MCIR)
- For infants born to HBsAg-positive moms
  - Perform post-vaccination testing at 9–12 months
  - Test for both HBsAg and anti-HBs
  - Report test results to the PHBPP at 517-284-4893 or 313-456-4432

For more information: www.michigan.gov/hepatitisb
Rev Feb 2017