

# 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:

<b>If mom's HBsAg status is:</b>	Positive	Give hepB vaccine and HBIG within 12 hours of birth
	Unknown	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 & less than 2000 grams.
	Negative	Give hepB vaccine within 24 hours of birth

- **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](http://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](http://www.michigan.gov/hepatitisB)

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