Follow-up Protocol for Household and Sexual Contacts

**Assess:** Immunization status for all contacts through the Michigan Care Improvement Registry (MCIR) to determine if hepatitis B (hepB) vaccine or testing is needed. Those with a partially completed hepB vaccination series should complete the vaccine series and then have follow-up serology 1-2 months later.

**Test:** Exposed household contacts and sexual partners of women who test positive for hepatitis B surface antigen (HBsAg) prenatally or at delivery to determine their hepatitis B status. The following tests should be completed:

- **HBsAg:** Determines if they are currently infected with the hepatitis B virus (HBV)
- **Anti-HBs:** (Hepatitis B surface antibody) determines if they have protection against HBV

If both tests are NEGATIVE, the contact is susceptible to infection and should receive hepB vaccine. If HBsAg is POSITIVE, the patient is infected and should be reported to the local health department (LHD) and referred for medical follow up. If anti-HBs is positive, and the contact had three valid doses of hepB vaccine, they are considered immune and are protected from getting HBV.

**Vaccinate:** All unvaccinated susceptible contacts with three doses of hepB vaccine:

- The first dose should be given at the same visit, but after the blood draw.
- The second dose should be given ONE MONTH after the first dose.
- The third dose should be given FOUR-SIX MONTHS after the first dose (at least eight weeks after the second dose and at least sixteen weeks after the first dose).

If there has been a sexual exposure within the last 14 days to an acutely infected HBsAg-positive woman, or a blood exposure within the last 7 days to an HBsAg-positive woman, the contact should also receive one dose of hepatitis B immune globulin (HBIG*), calculated at 0.06 ml/kg of body weight.

**Test:** All contacts for HBsAg and anti-HBs one to two months after the third dose of hepB vaccine is administered.

**Report:** All doses of hepB and HBIG on a [Hepatitis B Perinatal Case Report-Infant/Contact Form](#) or the [Provider Reporting Form](#) and mail or fax the information to the Perinatal Hepatitis B Prevention Program (PHBPP). Update the patient’s MCIR record and ask for current telephone and address information.

All HBsAg-positive results to the LHD.

For questions or assistance, please call the Perinatal Hepatitis B Prevention Program (PHBPP) at 517-284-4893 or 800-964-4487. In southeast Michigan, call 313-456-4431 or 313-456-4432.

*Suggested interval between immune globulin preparations and live virus vaccines is 3 months.*