

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 referred for appropriate 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.

For questions or assistance, please call the PHBPP staff at 517-335-8122 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.