



Eligibility and Ordering Protocol: Hepatitis B Vaccine and Hepatitis B Immune Globulin for Infants and Contacts of Hepatitis B Surface Antigen-Positive Women

Summary:

Hepatitis B (hepB) vaccine and hepatitis B immune globulin (HBIG) are available on an as-needed basis for administration in private provider offices, hospitals, local health departments, health centers, and clinics for the care of those clients currently enrolled in the Perinatal Hepatitis B Prevention Program (PHBPP).

Eligibility for those currently enrolled in the PHBPP:

HepB vaccine and HBIG:

- Infants born to hepatitis B surface antigen-positive (HBsAg-positive) women

HepB vaccine:

- Susceptible household and sexual contacts of HBsAg-positive women

HBIG*:

- Susceptible household and sexual contacts of HBsAg-positive women should receive HBIG within 7 days of an identifiable blood exposure.
- Susceptible sexual contacts of acutely HBsAg-positive women should receive HBIG within 14 days of a sexual exposure.

Infants born to HBsAg-positive women should receive HBIG and 3 doses of single-antigen hepB vaccine at 0, 1-2 and 6 months of age. If using hepB-containing combination vaccines, give HBIG and a single-antigen dose of hepB vaccine within 12 hours of birth and complete the series with doses at 2, 4 and 6 months of age if using Pediarix®; or with doses at 2, 4, & 12-15 months of age if using Comvax®. Post-vaccination serology should be done at 9-18 months of age (3 months after the completion of the hepB vaccine series). Susceptible household and sexual contacts of HBsAg-positive women should receive 3 doses of hepB vaccine on a schedule of 0, 1 and 4-6 months with post-vaccination serology 1-2 months after the completion of the vaccine series.

Private Providers, Hospitals, Health Centers, Clinics and Local Health Departments (LHD):

Whenever hepB vaccine and/or HBIG are administered to eligible infants or contacts in the PHBPP a *Hepatitis B Perinatal Case Report-Infant/Contact* should be completed and forwarded to the PHBPP Case Manager.

HepB Vaccine Orders:

All VFC enrolled private providers, hospitals, health centers, and clinics may order hepB vaccine from their LHD. The LHD will place orders through the Michigan Department of Community Health (MDCH) Immunization Division either by faxing a request to 517-335-9855 or by e-mailing the Michigan Vaccines for Children (VFC) Program at mdchvariorder@michigan.gov. The VFC Program is transitioning to a new vaccine inventory module and electronic ordering via the Michigan Care Improvement Registry (MCIR). The LHD and MCIR staff will help with the transition and with an ordering frequency plan to assure adequate vaccine supply for all facilities. Once all providers are transitioned to the electronic ordering, all orders for hepB vaccine will be electronically submitted to the LHD and all LHDs will electronically submit their orders directly to MDCH. All doses of hepB vaccine administered should be recorded in the MCIR and accounted for on the *VFC Programs Vaccine Doses Administered Reporting Form*, which should be submitted to the LHD. The LHD should also account for hepB vaccine on the *Local Health Department Monthly Vaccine Inventory Report*.

HBIG Orders:

Requests for HBIG should continue to be forwarded to the PHBPP.

All doses of hepB vaccine and/or HBIG given in the hospital should be entered in MCIR, via the Electronic Birth Certificate (EBC) process or direct data entry, so that all doses can be electronically recorded.

For additional information, please call the PHBPP program staff at 517-335-8122 or 800-964-4487. In southeast Michigan, call 313-456-4431 or 313-456-4432.

*Suggested intervals between immune globulin preparations and live virus vaccines are 3 months.