

# Hepatitis B Vaccination Schedule and PVS Guidance for Infants Born to Hepatitis B Positive Pregnant Persons

Infants born to hepatitis B positive pregnant persons should receive the birth dose of hepatitis B vaccine and HBIG within 12 hours of birth. Following these shots, the infant needs either two doses of monovalent hepatitis B vaccine or three doses of a hepatitis B-containing combination vaccine to complete the hepatitis B vaccine series. Please note:

- Pediarix and Vaxelis should not be administered before 6 weeks of age.
- The final dose of hepatitis B vaccine cannot be given before 24 weeks of age.

## Option 1: Monovalent hepatitis B vaccine schedule (Energix or Recombivax)

Dose	Timing
Dose 1 (given with HBIG)	Within 12 hours after birth
Dose 2	1 - 2 months of age
Dose 3	6 months of age (can be given as early as 24 weeks of age)
Post-vaccination serology (HBsAg and anti-HBs)	1 - 2 months after last dose, but not before 9 months of age

## Option 2: Combination vaccine schedule (Pediarix and Vaxelis)

Dose	Timing
Dose of monovalent hep B vaccine (given with HBIG)	Within 12 hours after birth
Dose 2	6 weeks to 2 months of age (do not administer before 6 weeks of age)
Dose 3	4 months of age
Dose 4	6 months of age (can be given as early as 24 weeks of age)
Post-vaccination serology (HBsAg and anti-HBs)	1 - 2 months after last dose, but not before 9 months of age

## Post-vaccination Serology (PVS) Results and Recommended Follow-up

Serology result	Follow-up needed
HBsAg negative Anti-HBs positive	None. Infant is protected. Report results to perinatal hepatitis B program.
HBsAg negative Anti-HBs negative	No response. Infant is susceptible to infection. Administer an additional dose of monovalent hep B vaccine, followed by HBsAg and anti-HBs testing 1-2 months after the additional dose. If the anti-HBs result is still negative, then administer two more doses of vaccine on the appropriate schedule to complete a full 3-dose second series. Recheck serology again 1-2 months after the final dose is administered. Report results to perinatal hepatitis B program.
HBsAg positive Anti-HBs negative	Infant is infected with hepatitis B; consult with liver specialist for follow-up and ongoing care. Report results to perinatal hepatitis B program.

For more information, visit [Perinatal Hepatitis B \(www.health.state.mn.us/diseases/hepatitis/b/perinatal/index.html\)](http://www.health.state.mn.us/diseases/hepatitis/b/perinatal/index.html).

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To obtain this information in a different format, call: 651-201-5414.