

Case Management of Infants Born to HBsAg Positive Mothers

Birth: Review infant immunization records (IRIS) and/or hospital records to verify receipt of **HBIG** and **1st dose of Hep B vaccine** within 12 hours of birth. Record dates and times of HBIG and Hep B vaccine administration in IDSS.

Age 1-2 months: 2nd dose of Hep B vaccine. Verify receipt of 2nd dose of Hep B vaccine in IRIS and/or follow up with medical provider. Document in IDSS. *If infant weighed less than 2,000 grams at birth, do not count birth dose of Hep B as part of the 3-dose series. Infant should receive a dose of Hep B vaccine at 1-2 months of age followed by 2 additional doses for a total of 4 doses.

Age 6 months: 3rd dose-final dose of Hep B vaccine. The 3rd dose (or 4th dose) should be received no sooner than 24 weeks of age. Verify receipt of complete HepB vaccine series in IRIS and/or follow up with medical provider. Document in IDSS.

*Infant may have received a Hep B dose at 4 months of age as part of a combination vaccine. The 6-month dose is still required.

Age 9-12 months: PVST (post vaccination serology testing)-HBsAg and Quantitative anti-HBs at least 1-2 months after the final dose of Hep B vaccine and not before 9 months of age. Contact child's healthcare provider to verify completion and document results in IDSS.

PVST Results

HBsAg negative AND anti-HBs Positive (≥ 10 mIU/mL): Close case, infant immune. No further action required.

HBsAg negative AND anti-HBs Negative (< 10 mIU/mL): Advise healthcare provider to administer 1 additional dose of Hep B vaccine and re-draw PVST 1-2 month later. If repeat HBsAg and anti-HBs is still negative, finish the 2nd Hep B vaccine series and re-draw PVST 1-2 month following final dose. If anti-HBs is now ≥ 10 mIU/mL, close case as infant is immune. If anti-HBs remain < 10 mIU/mL, no further doses recommended. Infant is considered a non-responder.

HBsAg Positive: Refer for appropriate medical follow up with healthcare provider.

Document all results in IDSS.