Hepatitis B Vaccine Schedule for Infants Born to HBsAg Positive Women or Women Who’s HBsAg Status is Unknown

Hepatitis B Vaccine Schedule

Hepatitis B Single Antigen Schedule:
- Dose 1 at birth
- Dose 2 at 1 to 2 months of age
- Dose 3 at 6 months of age (infant must not be less than 164 days of age on the day of the 3rd dose of the vaccine)

Hepatitis B Single Antigen and Combination Vaccine Schedule (i.e., Pediarix or Comvax)

- Dose 1 at birth – single antigen only (*birth dose does not count as part of the 3-dose Hepatitis B series*)
- Dose 2 at 2 months of age (Pediarix or Comvax)
- Dose 3 at 4 months of age (Pediarix or Comvax)
- Dose 4 at 6 months of age (Pediarix) or 12-15 months of age (Comvax)

2009 Missouri Department of Health and Senior Services, Division of Community and Public Health Section for Disease Control and Environmental Epidemiology, Bureau of HIV, STD and Hepatitis
Infant Hepatitis B Post-Vaccination Serology Testing for Infants Born to HBsAg Positive Women or Women of Unknown HBsAg Status

HBsAg and Quantitative Anti-HBs testing are recommended:
- 1 to 2 months after final dose (but not prior to 9 months of age)

Test Infant by:
- 9 months of age (if infant received single antigen vaccine or Pediarix for the final dose in the series)
- 15 to 18 months of age (if the infant received Comvax for the final dose in the series)

Infants born to HBsAg negative women:
- Dose 1 at birth single antigen prior to hospital discharge (best within 12 hours of birth)
- Dose 2 at 1 to 2 months of age
  - Use single antigen if infant is less than 6 weeks of age
  - Use Pediarix or Comvax if infant is 6 weeks to 2 months of age
- Dose 3 at 2 months of age (Pediarix or Comvax)
- Dose 4 at 6 to 18 months of age, single antigen or Pediarix (not less than 164 days of age) OR 15 to 18 months of age for Comvax

Infants born to HBsAg negative women do not require post-vaccination serologic testing and generally are not followed in perinatal hepatitis B case management.

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