

## PERINATAL HEPATITIS B PREVENTION

### PRENATAL PROVIDER / OBGYN

- **Test** *all* pregnant women for HBsAg during EACH pregnancy, regardless of past negative results or perceived lack of risk factors.
- **Send** copy of HBsAg lab results to the planned delivery hospital.
- **Report** to Louisiana Department of Health (LDH) Perinatal Hepatitis B Program *all* HBsAg-positive pregnant women within 1 business day once laboratory result is known.\*
- **Refer** HBsAg-positive pregnant women for additional care (*see reverse*).

\*Louisiana Public Health Sanitary Code  
LAC 51:II.105 Class B Diseases

**If a pregnant woman tests HBsAg-positive, order additional tests:**

- **HBeAg** (hepatitis B e-antigen)
- **HBV DNA** Concentration
- **ALT** (alanine aminotransferase)

HBsAg-positive OR HBV DNA >20,000 IU/mL OR ALT ≥19 IU/L	
YES	NO
Refer to specialist immediately during pregnancy	Refer for care postpartum

### Louisiana Public Health Sanitary Code LAC 51:II.105

Louisiana law requires that both acute and chronic hepatitis B carriage in pregnancy be reported to LDH within 1 business day.

Louisiana Perinatal Hepatitis B Program  
<http://ldh.la.gov/index.cfm/page/1002>



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### PEDIATRICIAN

1st Series	ENGERIX B/ RECOMBIVAX HBs (Monovalent)	PEDIARIX®/Vaxelis™ (Combination)
HBIG	*Administer within 7 days of birth (if not administered in hospital).	
HBV1	Administer monovalent if infant was not vaccinated in hospital and younger than 6 weeks.	
HBV2	Age 1 - 2 months	Age 2 months
HBV3	Age 6 months	Age 4 months
HBV4	N/A	Age 6 months
**Preterm (< 2,000g) infants: Reinitiate 1st HBV series at 1 month of age.		
POST-VACCINATION SEROLOGIC TESTING (PVST) (9 Months of Age need both HBsAg and Anti HBs tests)		
HBsAg + (CPT Code 87340)	anti HBs - (CPT Code 86317)	Infected. Refer for medical follow up. Report to Louisiana Perinatal Hepatitis B Program (LaPHBP) within 1 work day.
HBsAg -	anti HBs +	Immune. Report results to LaPHBP.
HBsAg -	anti HBs -	Susceptible. Repeat hepatitis B vaccine(s) (on backside of badge).

Final dose of 1st HBV series must be administered on or after 6 months of age.

- \* Only administer HBIG to infants born to HBsAg (+) women and women of unknown HBsAg status.
- \*\*Preterm infants should receive a total of 4 doses (monovalent) or 5 doses (combination) of HBV.

### 2nd Series for Susceptible Infants

2nd Series	Engerix® / Recombivax® (Monovalent)
HBV1* (1st dose of 2nd series)	Immediately after PVST results received.
HBV2 (2nd dose of 2nd series)	1 - 2 months
HBV3 (3rd dose of 2nd series)	6 months
POST-VACCINATION SEROLOGIC TESTING (PVST) (1 - 2 Months After Last Dose Administered)	
HBsAg +	anti HBs - Infected. Refer to a specialist for medical evaluation. Report to LaPHBP within 1 work day.
HBsAg -	anti HBs + Immune. Report results to LaPHBP.
HBsAg -	anti HBs - Susceptible. Non-responder, refer for medical follow up.

\*One challenge dose of Hep B vaccine & repeat PVST 1-2 months is also acceptable.

- Fax all hepatitis B vaccine administration records to LaPHBP within 1 day of administration.
- Fax all post-vaccination serologic testing results to LaPHBP within 1 work day of notification.

Louisiana Administrative Code (LAC) 51:II.105 and LAC 51:II.703 describes who shall report and what conditions to report or submit. Administration of all hepatitis B containing vaccine mandated to be reported in LINKS



Louisiana Perinatal Hepatitis B Program  
Phone: (504) 568-2600 • Fax: (844) 904-0929 or (504) 568-2659  
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## PERINATAL HEPATITIS B PREVENTION

### LABOR AND DELIVERY / NEWBORN NURSERY

- **Review** prenatal HBsAg status of all pregnant women.
- **Test** all pregnant women for HBsAg at delivery if status unknown or risk factors present.
- **Document** and place HBsAg results in mother's labor and delivery record and infant's medical record.
- **Report** all pregnant women that test HBsAg positive and HBsAg unknown to Louisiana Department of Health Perinatal Hepatitis B Program.
- **Administer** HBIG and the first dose hepatitis B vaccine within 12 hours of birth (see reverse).

**It is recommended that all infants receive hepatitis B vaccine (HBV1) at birth.**

Record date, time, and lot # of vaccine and HBIG in infant's record and/or in the Louisiana Immunization Registry (LINKS).

Administer HBV1 to all infants within 24 hours of birth*	
Administer HBIG and HBV1 within 12 hours of birth	If mother is HBsAg positive
	If mother HBsAg status is unknown
*Infants weighing <2,000g at birth, administer HBV1 at 1 month of age if mother is HBsAg negative.	

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