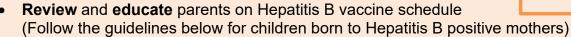
# County of San Diego Perinatal Hepatitis B Prevention Program

## Pediatrician Information Sheet

The **County of San Diego Perinatal Hepatitis B Prevention Program (PHPP)** provides case management and support to local mothers, families, and medical providers with the goal of preventing perinatal, or mother-to-baby, transmission of Hepatitis B virus infection.

### **Pediatricians and Pediatric Clinics please:**

- Ask about maternal history regarding Hepatitis B status
- Contact PHPP to notify us that an infant exposed to Hepatitis
   B at birth is under your care
- Check infant's hospital birth record to ensure post exposure prophylaxis (PEP) (Hepatitis B vaccine and Hepatitis B Immune Globulin-HBIG) were administered within 12 hours of birth at the delivery hospital (refer to the table below)





	Infant birth weight ≥ 2000 grams		Infant birth weight < 2000 grams	
	<u>Single</u> <u>antigen</u>	<u>Combination</u>	Single antigen	<u>Combination</u>
Birth dose (within 12 hrs of birth)	1 <sup>st</sup> dose of Hepatitis B vaccine* + Hepatitis B Immune Globulin (administer in separate limbs) *1 <sup>st</sup> dose is always single antigen vaccine and not a combination vaccine			
1 months	nd		2 <sup>nd</sup> dose	
2 months	2 <sup>nd</sup> dose	2 <sup>nd</sup> dose	3 <sup>rd</sup> dose (between 2-	2 <sup>nd</sup> dose
4 months		3 <sup>rd</sup> dose	3 months)	3 <sup>rd</sup> dose
6 months	3 <sup>rd</sup> dose	4 <sup>th</sup> dose	4 <sup>th</sup> dose	4 <sup>th</sup> dose

- Administration and documentation of Hepatitis B vaccines
  - Send us child's current immunization record after every Hepatitis B vaccine administration
- Complete Post-Vaccine Serology Testing (PVST) once the following criteria are met:
  - Child has completed 3-4 dose Hepatitis B vaccine series
  - Child is at least 9 months old and last dose of Hepatitis B vaccine was 1 to 2 months ago
  - PVST includes Hepatitis B surface antigen (HBsAg) AND Hepatitis B surface antibody quantitative (anti-HBs)
  - ◆ Once results are available, please **send** us a fax or encrypted email with the **infant's lab reports**





Scan the





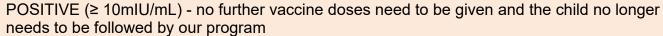


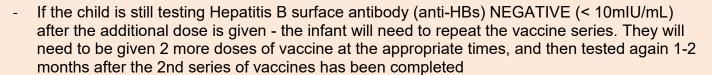
### **Pediatrician Information Sheet**

3/2023

### **Frequently Asked Questions:**

- Interpretation of PVST Results:
  - ◆ Hepatitis B surface antigen (HBsAg) negative and Hepatitis B surface antibody (anti-HBs) positive (>10mIU/mI) no further action needed, infant is not infected and immune
  - Hepatitis B surface antigen (HBsAg) positive notify our program as soon as possible by calling 866-358-2966 option 5 and ensure child is referred to a specialist for further follow up
  - Hepatitis B surface antigen (HBsAg) NEGATIVE and Hepatitis B surface antibody (anti-HBs) NEGATIVE (< 10mIU/mL) - the child will need an additional dose or doses of Hepatitis B vaccine
    - First, provide the infant an additional dose of Hepatitis B vaccine. The infant should be retested for Hepatitis B surface antibody (anti-HBs) again,1-2 months after the additional dose was administered. If the results come back







- ◆ The mother refused PEP or vaccination
- The infant is not receiving timely or regular care

#### Please note:

- PVST should **NOT** be completed too early
  - If completed before 9 months of age or before 1 month has passed since last dose was administered, the child may have a false negative Hepatitis B surface antigen (HBsAg) lab because of receiving HBIG
  - Hepatitis B Surface Antibody (anti-HBs) may be falsely positive due to maternal antibodies and HBIG
- Hepatitis B Surface Antibody (anti-HBs) levels are time sensitive and should be collected within 1 year
  of life due to rapidly declining antibody level detection



Scan the code to learn more.







Website: https://tinyurl.com/PHBPP-SanDiego