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**Texas Department of State  
Health Services**

# **Perinatal Hepatitis B Prevention Program**

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**Infectious Disease Prevention Division  
Texas Department of State Health Services**



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# Perinatal Hepatitis B Prevention Program (PHBPP)

- Ensure that all pregnant women are tested for hepatitis B surface antigen (HBsAg).
- Ensure reporting and tracking of HBsAg-positive pregnant women.
- Ensure that delivery facilities/hospitals receive all prenatal HBsAg lab reports prior to delivery.
- Ensure identification and management of infants born to HBsAg-positive mothers
- Ensure reporting of infants born to HBsAg-positive mothers.
- Ensure identification and case management of infants born to mothers of unknown HBsAg status.



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# Perinatal Hepatitis B Prevention Program (PHBPP) (continued)

- Ensure timely completion of the hepatitis B vaccine series for all infants born to HBsAg-positive mothers.
- Ensure timely completion of postvaccination serologic testing (PVST) for all infants born to HBsAg-positive women.
- Ensure vaccination of household contacts 24 months of age and younger.
- Ensure program quality, monitoring, and evaluation.

# Perinatal Hepatitis B Prevention Program Staff



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PHBPP Coordinator, Nurse III-Vacant

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Program Website:

<https://www.dshs.texas.gov/immunization-unit/texas-perinatal-hepatitis-b-prevention-program>



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# PHBPP Regional Coordinators

## PHB Regions 1 and 9/10

Natali Miranda

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## PHB Regions 2/3 and 7

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## PHB Regions 4/5N, and 6/5S

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## PHB Region 8

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## PHB Region 11

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# Hepatitis B Post-Exposure Prophylaxis

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## First dose (and IG)

- Infants born to HBsAg-positive women should receive both HBIG and the birth dose of the hepatitis B vaccine within 12 hours of birth.

## Second dose

- Should be administered at least four weeks after the first dose.

## Third dose

- Should be administered at least eight weeks after the second dose, 16 weeks after the first dose, and no earlier than 24 weeks of age (6 months).



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# Post-Vaccination Serologic Testing

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- The optimal time for post-vaccination serologic testing (PVST) in infants who completed the vaccine series on time is at nine-12 months of age.
- For all others, Providers collect PVST one to two months after the completion of the vaccine series.



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# Perinatal Hepatitis B Annual Report Results\*

## Post-Exposure Prophylaxis (PEP)

- Infants with recommended PEP at birth: **512 (93.1%)**
- Infants with PEP and series complete by 8 months: **376 (68.4%)**
- Infants with HBIG and series complete by 12 months: **407 (74%)**

## No PEP

- Infants with only HBIG at birth: **1 (0.2%)**
- Infants with only Hep B vaccine at birth: **20 (3.6%)**
- Infants that did not get any PEP or Unknown: **17 (3.1%)**

## Total Outcomes

- HBIG with series complete by 12 months: **407 (74%)**
- Total infants with PVST by 12/31/22: **276 (50.2%)**



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\*Reported annually to CDC in PAPA



# Goals for the Perinatal Hepatitis B Program in 2024

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- Increase the number of women enrolled in the program by continuing to educate providers on testing and reporting requirements.
- Perform timely case management activities to ensure newborn infants receive post-exposure prophylaxis, and complete the vaccine series, and PVST testing.



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# Perinatal Hepatitis B Summit

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When: Thursday, May 23-Friday, May 24, 2024

Where: Royal Sonesta Galleria  
2222 West Loop South  
Houston, TX 77027



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**Thank you!**

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