Introduction

The purpose of this questionnaire is to assess current policies and practices regarding perinatal infections, particularly Hepatitis B Virus infection in delivery hospitals.

If you have any questions about the survey, please contact: Essi Havor, MSN, RN
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Contact Information:
Please provide the following contact information
Hospital Name: ___________________________ Location: ___________________________
Your Name: _______________________________ Telephone #: ________________________
Position Title: _____________________________ Email: _______________________________

Please indicate your professional category
☐ Nurse
☐ Pediatrician
☐ Clinical Nurse Manager
☐ Administrative Personnel
☐ Other (Please specify): ________________________________

Admission to Labor & Delivery: Perinatal Hepatitis B Policy and Practice

1. Does your hospital review hospital prenatal HBsAg results at the time of admission?
   ☐ Yes ☐ No ☐ Don’t Know

2. Does your hospital order HBsAg testing for delivering mothers with no documented HBsAg test results?
   ☐ Yes ☐ No ☐ Don’t Know

3. Do you currently have a written policy to review prenatal HBsAg (hepatitis B surface antigen) test results at the time of admission to the Labor and Delivery (L & D) unit for all pregnant women?
   ☐ Yes ☐ No ☐ Don’t Know

4. Do you currently have routine pre-printed admission orders* to review HBsAg test results at the time of admission for delivery for all pregnant women?
   ☐ Yes ☐ No ☐ Don’t Know

5. For women admitted to L & D who do not have a documented HBsAg test result, do you currently have a written policy for HBsAg testing as soon as possible after admission?
   ☐ Yes ☐ No ☐ Don’t Know

6. For women admitted to L & D who do not have a documented HBsAg test result, do you currently have routine pre-printed admission orders* for HBsAg testing as soon as possible after admission?
   ☐ Yes ☐ No ☐ Don’t Know

7. Do you currently have a written policy for repeat testing of pregnant, HBsAg-negative women who are at risk for HBV infection during pregnancy? (e.g. >1 sex partner in the previous six months, evaluation or treatment for an STD, recent or current injection drug use, HBsAg-positive sex partner or who have had clinical hepatitis).
   ☐ Yes ☐ No ☐ Don’t Know

Note: Upload copies of the written polices and admission orders in the online survey.

* Routine, pre-printed admission orders for patient care under specified circumstances that are signed by a physician. These are also referred to as "standing orders" in the 2005 childhood hepatitis B ACIP recommendations. Please also check yes if you have standing orders that do not require a physician’s signature.
8. Does your hospital administer HBIG to infants born to HBsAg positive mothers?
   - Yes
   - No
   - Don’t Know

9. When do you typically administer HBIG to infants born to HBsAg positive mothers?
   - Within 12 hrs of birth
   - Within 24 hrs of birth
   - More than 24 hrs
   - Don’t Know

10. Does your hospital administer HBIG to infants born to mothers of unknown HBsAg status?
    - Yes
    - No
    - Don’t Know

11. When do you typically administer HBIG to infants born to mothers of unknown HBsAg status?
    - Within 12 hrs of birth
    - Within 24 hrs of birth
    - More than 24 hrs
    - Don’t Know

12. Does your hospital administer birth dose of Hep. B vaccine to infants born to HBsAg positive mothers?
    - Yes
    - No
    - Don’t Know

13. When do you typically administer birth dose of Hep B vaccine to infants born to HBsAg positive mothers?
    - Within 12 hrs of birth
    - Within 24 hrs of birth
    - More than 24 hrs
    - Don’t Know

14. Does your hospital administer birth dose of Hepatitis B vaccine to infants born to mothers of unknown HBsAg status?
    - Yes
    - No
    - Don’t Know

15. When do you typically administer birth dose of Hepatitis B vaccine to infants born to mothers of unknown HBsAg status?
    - Within 12 hrs of birth
    - Within 24 hrs of birth
    - More than 24 hrs
    - Don’t Know

16. After delivery, when do you administer HBIG and/or Hepatitis B vaccine to infants?
    - In L&D with prophylactic Vitamin K
    - In Nursery after infant is transferred

17. Do you currently have a written policy for administration of HBIG (hepatitis B immune globulin) within 12 hours of birth for all infants born to HBsAg-positive mothers?
    - Yes
    - No
    - Don’t Know

18. Do you currently have routine pre-printed admission orders* for administration of HBIG (hepatitis B immune globulin) within 12 hours of birth for all infants born to HBsAg-positive mothers?
    - Yes
    - No
    - Don’t Know

19. Do you currently have a written policy for administration of HBIG (hepatitis B immune globulin) within 12 hours of birth for all infants born to mothers of unknown HBsAg status?
    - Yes
    - No
    - Don’t Know

20. Do you currently have routine pre-printed admission orders* for administration of HBIG (hepatitis B immune globulin) within 12 hours of birth for all infants born to mothers of unknown HBsAg status?
    - Yes
    - No
    - Don’t Know

21. Do you currently have a written policy for administration of hepatitis B vaccine within 12 hours of birth for all infants born to HBsAg-positive mothers?
    - Yes
    - No
    - Don’t Know

22. Do you currently have routine pre-printed admission orders* for administration of hepatitis B vaccine within 12 hours of birth for all infants born to HBsAg-positive mothers?
    - Yes
    - No
    - Don’t Know

23. Do you currently have a written policy for administration of hepatitis B vaccine within 12 hours of birth for all infants born to mothers with unknown HBsAg status?
    - Yes
    - No
    - Don’t Know

24. Do you currently have routine pre-printed admission orders* for administration of hepatitis B vaccine within 12 hours of birth for all infants born to mothers with unknown HBsAg status?
    - Yes
    - No
    - Don’t Know

Note: Upload copies of the written policies and admission orders in the online survey.

* Routine, pre-printed admission orders for patient care under specified circumstances that are signed by a physician. These are also referred to as "standing orders" in the 2005 childhood hepatitis B ACIP recommendations. Please also check yes if you have standing orders that do not require a physician’s signature.
Maternal Status Documentation and Universal Vaccination of Infants

25. Does your hospital administer birth dose of Hepatitis B vaccine to all other newborns including infants born HBsAg negative mothers?  
   ☐ Yes  ☐ No  ☐ Don't Know

26. When do you typically administer birth dose of Hepatitis B vaccine to all other newborns including infants born to HBsAg negative mothers?  
   ☐ Within 24 hrs of birth  ☐ More than 24 hrs of birth  ☐ Before discharge  ☐ Don't Know

27. Do you currently have a written policy to routinely administer the Hepatitis B vaccine to all newborns including infants born to HBsAg negative mothers within 24 hours of birth or before hospital discharge?  
   a. ☐ Yes  ☐ No  ☐ Don't Know

28. Do you currently have routine pre-printed admission orders* to routinely administer the Hepatitis B vaccine to all infants born to HBsAg negative mother within 24 hours of birth or before hospital discharge?  
   ☐ Yes  ☐ No  ☐ Don't Know

29. Do you currently have a written policy for documentation of maternal HBsAg test results in the infant medical record?  
   ☐ Yes  ☐ No  ☐ Don't Know

30. Who at your hospital reports births to HBsAg positive mothers to the health department? (check all that apply)  
   ☐ Infection control  ☐ Labor and delivery staff  ☐ Medical records staff  ☐ Nursery staff  ☐ Physician  ☐ Other (Specify): ____________________________  ☐ Don't know

Delivery Hospital Characteristics

31. How many live births did your hospital have in 2016? __________

32. How many HBsAg positive mothers did you admit in 2016? ______________________________

33. How many infants received HBIG in your facility in 2016? ______________________________

34. How many live births did your hospital have in 2017? __________

35. How many HBsAg positive mothers did you admit in 2017? ______________________________

36. How many infants received HBIG in your facility in 2017? ______________________________

37. Who is responsible for making policy within the hospital regarding neonatal practice (receipt/non-receipt of hepatitis B vaccine or HBIG) in the neonatal nursery? Please check all that apply.  
   ☐ Neonatal nursery committee  ☐ Chief pediatrician  ☐ Chief obstetrician  ☐ Neonatologist  ☐ Nurse Manager  ☐ Clinical nurse educator  ☐ Pediatric department  ☐ Other (Specify): ____________________________

38. What levels of neonatal care does your hospital provide? Check all that apply.  
   ☐ Level 1: Basic  ☐ Level 2: Specialty care  ☐ Level 3: Neonatal intensive care  ☐ Regional NICU

Note: Upload copies of the written policies and admission orders in the online survey.

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**Other Infection Prevention Practice**

39. Does your hospital review mothers' immunization status for **rubella (titer)** at the time of admission?
   - Yes
   - No
   - Don't Know

40. Does your hospital give **MMR** to mothers with negative titers or unknown immunization status for **rubella** during the hospital stay?
   - Yes
   - No
   - Don't Know

41. Does your hospital review mothers' immunization status for **Tdap** at the time of admission?
   - Yes
   - No
   - Don't Know

42. Does your hospital give **Tdap** to mothers with no documentation of **Tdap vaccine** during the hospital stay?
   - Yes
   - No
   - Don't Know

43. Does your hospital review mothers' immunization status for **influenza** at the time of admission?
   - Yes
   - No
   - Don't Know

44. Does your hospital give seasonal **influenza vaccine** to mothers with no documentation of **influenza vaccine** during the hospital stay?
   - Yes
   - No
   - Don't Know

**Other Infection Prevention Policy**

45. Do you currently have a **written policy or routine pre-printed admission orders** for administration of MMR to mothers with negative titers or unknown immunization status for rubella during the hospital stay?
   - Yes
   - No
   - Don't Know

46. Do you currently have a **written policy or routine pre-printed admission orders** for administration of Tdap to mothers with no documentation of Tdap vaccine during the hospital stay?
   - Yes
   - No
   - Don’t Know

47. Do you currently have a **written policy or routine pre-printed admission orders** for administration of seasonal influenza vaccine to mothers with no documentation of influenza vaccine during the hospital stay?
   - Yes
   - No
   - Don’t Know

*Upload copies of the written policies and admission orders in the online survey.*

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**Quality Assurance**

48. Does your hospital measure the Hepatitis B birth dose coverage as a quality indicator?
- [ ] Yes, we use the National Quality Forum measure
- [ ] Yes, we use another measure*
- [ ] No
- [ ] Don’t know

*Please explain the other measure here: _______________

49. How often do you conduct quality assurance (QA) to ensure that all HBsAg positive mothers are reported to the local health department?
- [ ] Monthly
- [ ] Quarterly
- [ ] Semi-Annually
- [ ] Annually
- [ ] Not Done

50. Does your hospital use Texas immunization registry (ImmTrac) to record Hepatitis B vaccine and HBIG that are administered before discharge?
- [ ] Yes
- [ ] No

51. Do you provide the Texas Immunization Registry (IMMTRAC) Consent Form to all infant mothers at delivery?
- [ ] Yes
- [ ] No

52. Have you had any challenges getting supplies of HBIG for infants born to HBsAg positive mothers in the past 12 months?
- [ ] Yes
- [ ] No

53. Have you had any challenges getting supplies of Hepatitis B vaccine for infants in the past 12 months?
- [ ] Yes
- [ ] No

54. In general, how would you rate your relationship (very poor to excellent) with the following partners when working on the perinatal hepatitis B related issue at the top of each column?

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<th>Very poor</th>
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55. **Educational Resources related to Perinatal Hepatitis B Prevention**

What resources would you find useful for the work you and other hospital personnel do related to perinatal hepatitis B? (check all that apply)

- [ ] Educational materials for moms/parents
- [ ] Educational materials for staff
- [ ] Information on interpreting laboratory test results
- [ ] Guidance for developing admission orders
- [ ] Reference materials on perinatal hepatitis B recommendations
- [ ] Other*
- [ ] N/A - No Resources Needed

*Please note other resources here:*

56. **Thank you for completing the survey. Please use the space below for any additional comments or questions you have about perinatal hepatitis B prevention program.**

Thank you for your participation!

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