Guidelines for Use of Haemophilus B (Hib) Conjugate Vaccine

(ActHIB®, HibTITER®, PedvaxHIB®)

Recommended Neonatal Dose, Route, and Interval

- Dose: 0.5 ml IM in the anterolateral thigh.
- Give the first dose of vaccine at 2 months of age. Subsequent doses should be given based on the specific manufacturer used. (ActHIB, HibTITER should be given at 2 months, 4 months, 6 months, and 15 months of age; PedvaxHIB should be given at 2 months, 4 months, and 15 months of age)
- Premature infants should be immunized according to their postnatal age.

Chief Indications

- Immunoprophylaxis against invasive disease caused by Haemophilus influenzae type b.

Possible Adverse Reactions

1. Soreness at the injection site with local swelling, erythema, tenderness
2. Fever

CONTRAINDICATIONS/PRECAUTIONS:

1. Anaphylactic reaction to previous Hib vaccine dose
2. Moderate or severe acute illness

Nursing Implications

1. Administer acetaminophen prophylactically and for fever per physicians order.
2. Draw back on the plunger of the syringe before injection to avoid intravascular injection.

Special Considerations and Calculations

- Shake vial well before withdrawing dose.

References:
1. Neofax 2010

Reviewed/Revised: 03/2011 by
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