

Hib
Haemophilus Influenzae type B

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| Pathophysiology | Bacteria Humans are the only known reservoir Respiratory transmission is presumed |
| Vaccine Description | Inactivated vaccine |
| Dose & Route | 0.5 mL given IM |
| Administration Schedule | <p>Dose Recommended Age</p> <p>12 months</p> <p>24 months</p> <p>3.....6 months - <i>If Pedvax HIB™ vaccines are used at 2 and 4 months of age, a dose at 6 months is not required.</i></p> <p>Booster.....12-15 months – <i>Depending on which vaccine is used for primary series</i></p> <p>Hiberix (Haemophilus b Conjugate Vaccine [Tetanus Toxoid Conjugate]) is now approved for use as a 3-dose infant primary vaccination series at ages 2, 4, and 6 months. The first dose may be given as early as 6 weeks of age. Hiberix is also approved for the Booster dose.</p> <p>VAXELIS is licensed as a 3-dose primary series and should not be used for the booster dose.</p> <p>Booster: One dose at 15 through 18 months of age</p> |
| Minimum Intervals | <p>Dose Minimum Interval and Ages</p> <p>1.....Must be at least 6 weeks of age</p> <p>24 weeks from dose 1</p> <p>3.....4 weeks from dose 2 - <i>if dose 3 is required</i></p> <p>Booster.....8 weeks from dose 2 or dose 3, and no earlier than 12 months of age</p> |
| Contraindications | <ul style="list-style-type: none"> • Anaphylactic reaction following a prior dose of Hib • Defer vaccination in children with moderate or severe acute illness until illness subsides. • Hib conjugate vaccines are contraindicated in children younger than 6 weeks of age. • Persons known to have a severe allergic reaction to any component of the vaccine. • Hiberix prefilled syringes might contain natural rubber latex, and the vial stoppers for, ActHib, and PedvaxHIB contain natural rubber latex, which might cause allergic reactions in persons who are latex-sensitive • If Guillain-Barré syndrome has occurred within 6 weeks of receipt of a prior vaccine containing tetanus toxoid, the risk for GBS may be increased following VAXELIS. |
| Special Considerations | <ul style="list-style-type: none"> • Pentacel (combination DTaP/IPV/Hib) can also be used to vaccinate children against Hib infection. • As with all pertussis-containing vaccines, benefits and risk should be considered before administering Pentacel to persons with a history of fever ≥ 105 degrees F, hypotonic-hyporesponsive episode, persistent inconsolable crying lasting ≥ 3 hours within 48 hours after receipt of a pertussis-containing vaccine, or seizures within 3 days after receiving a pertussis-containing vaccine. |
| The total number of doses required depends upon the age of the child at first dose (See ACIP recommendations) | |