

Haemophilus Influenza type b (Hib)

Age Indications for Hib Vaccines

ActHIB® (sanofi pasteur): for aged 2 through 71 months
 PedvaxHIB® (Merck): for aged 2 through 71 months
 Hiberix (Novartis): Last dose for age 12 through 71 months

Indications for Use and Schedule

Primary Series

- ActHIB: 3-dose series at 2, 4 & 6 months
- PedvaxHIB: 2-dose series at 2 & 4 months
- booster dose at 12-15 months

Delayed Vaccination Schedule:

- Children starting late may not need entire 3-4 dose series
- Number of doses child requires depends on current age
- All children 15-59 months of age need at least one dose

Minimum age –

- 6 weeks

With the exception of Hiberix, the conjugate Hib vaccines are interchangeable.

Vaccine Administration

- Intramuscular (IM) injection in the deltoid and anterolateral thigh of the arm 1-1.5 inch, 22-25 gauge needle
- Use professional judgment in selecting needle length
- Give simultaneously with all vaccines

Storage and Handling

- Store in the refrigerator between 35°-46° F (2°-8° C); Do NOT freeze
- Keep in the original box
- After reconstitution, HIBERIX, ActHIB and PedvaxHIB should be administered promptly or stored refrigerated between 2° and 8°C and administered within 24 hours. If the vaccine is not administered promptly, shake the solution vigorously again before injection.



VACCINATION SCHEDULE FOR HIB VACCINES

| VACCINE | AGE AT 1 ST DOSE (MONTHS) | PRIMARY SERIES | BOOSTER |
|---------|--------------------------------------|-------------------------|----------------------------|
| ACTHIB | 2-6 | 3 DOSES, 2 MONTHS APART | 12-15 MONTHS* [∞] |
| | 7-11 | 2 DOSES, 2 MONTHS APART | 12-15 MONTHS* [∞] |
| | 12-14 | 1 DOSE | 2 MONTHS LATER |
| | 15-59 | 1 DOSE | ----- |

| | | | |
|-----------|-------|-------------------------|----------------------------|
| PEDVAXHIB | 2-6 | 2 DOSES, 2 MONTHS APART | 12-15 MONTHS* [∞] |
| | 7-11 | 2 DOSES, 2 MONTHS APART | 12-15 MONTHS* [∞] |
| | 12-14 | 1 DOSE | 2 MONTHS LATER |
| | 15-59 | 1 DOSE | ----- |

*HIBERIX IS APPROVED ONLY FOR THE LAST DOSE OF THE HIB SERIES AMONG CHILDREN 12 MONTHS AND OLDER

[∞] AT LEAST 2 MONTHS AFTER PREVIOUS DOSE

CONTRAINDICATIONS

- An anaphylactic (severe allergic) reaction to a prior dose or a component of Hib vaccine
- Age younger than 6 weeks

PRECAUTIONS

- Moderate to severe acute illness
- Use caution when vaccinating latex-sensitive individuals since the vial stopper contains dry latex rubber that may cause allergic reactions

FURTHER POINTS

- Persons indicated for a 2-dose primary series who previously received only a 1st dose of MCV4, should get a 2nd dose of MCV4
- Haemophilis influenza type b Vaccine Information Statement (VIS), can be found at <http://www.immunize.org/vis/>

Resources: Updated Recommendations for Use of MCV4, ACIP 2010, MMWR 01/28/11 and other Meningococcal Vaccine Updates, including the Use of MCV4 for children aged 9-23 months are located at www.cdc.gov/vaccines/recs.