

Haemophilus Influenza type b (Hib)

Age Indications for Hib Vaccines (no doses prior to age 6 weeks)

ActHIB® (sanofi pasteur): for aged 2 months and older
 PedvaxHib® (Merck): for aged 2 months and older
 Hiberix (Novartis): Last dose for age 15 months through 59 months

Indications for Use and Schedule

- Primary Series
 - ActHIB (4-dose series): a 3 dose primary series at 2, 4 & 6 months & booster dose at 12-15 months
 - PedvaxHib (3-dose series): a 2-dose primary 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 and intervals –

- 6 weeks with the exception of Hiberix, the conjugate Hib vaccines are interchangeable.
- 4 weeks between primary series doses
- 8 weeks between booster dose and previous dose

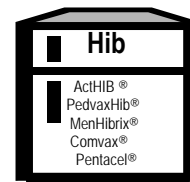
Vaccine Administration

- Intramuscular (IM) anterolateral thigh or deltoid 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
- Protect MenHibrix® from light
- Reconstitute ActHIB® & MenHibrix® with packaged diluent prior to use; see further points for additional information.

-Haemophilus influenza type b Vaccine Information Statement (VIS), can be found at <http://www.immunize.org/vis/>



Hib Vaccine Schedule Based on Age at Time of First Dose (review chart below)

VACCINE	AGE AT 1 ST DOSE (MONTHS)	PRIMARY SERIES	BOOSTER
ActHIB® 4-dose series Note: Hib component of Pentacel® (DTaP-IPV/Hib)	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® 3-dose series Note: Hib component of Comvax® (HepB-Hib)	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

-Follow a 3-dose schedule if PedvaxHib® (Comvax)® is given for both primary series doses. Any Hib brand (PedvaxHib®, Comvax®, ActHIB® or Pentacel®) can then be used for the booster dose (at/after age 12 months)

-If at least one of the primary series doses is given using ActHIB®, Pentacel® or MenHibrix®, follow the 4-dose schedule

VACCINATION OF PERSONS WITH HIGH-RISK CONDITIONS:

-Children aged 12 through 59 months at high risk for Hib diseases are: asplenic (including sickle cell disease), chemotherapy recipients, immunoglobulin deficiency, complement component deficiencies, or HIV

-if no doses or only 1 dose of Hib vaccine given before 12 months of age, give 2 doses of Hib vaccine separated by 8 weeks

-if 2 or more doses of Hib vaccine given before 12 months of age, give 1 dose of Hib vaccine 8 weeks later

-If no history of at least one previous dose, for persons:

-Aged 155 months or older who are having elective splenectomy, give 1 dose of Hib vaccine at least 14 days prior to surgery

-Aged 5 years & older who are asplenic (including sickle cell disease); give 1 dose of Hib vaccine

-Aged 5 through 18 years, who have HIV infection, give 1 dose of Hib vaccine

NOTE: Due to low risk of Hib infection, adults aged 19 years & older with HIV are not recommended for Hib vaccine

-Persons who have had hematopoietic stem cell transplant (HSCT), regardless of their Hib vaccine history, should be revaccinated with 3 doses of Hib vaccine, 6 to 12 months after successful transplant; doses should be at least 4 weeks apart

MENHIBRIX® (HIB-MENCY)

-Intended only for infants 6 weeks through 18 months who are at high risk for meningococcal disease and need routine Hib vaccine

-Further information on Hib-MenCY risk groups, vaccine schedule and catch-up guidance is included in the

"Recommended Immunization Schedule for Persons age 0 through 18 years and Catch-Up Schedule" at <http://www.cdc.gov/vaccines>

CONTRAINDICATIONS -An anaphylactic (severe allergic) reaction to a prior dose or a component of Hib vaccine

PRECAUTIONS -Moderate to severe acute illness with or without fever; Use caution when vaccinating latex-sensitive individuals since the vial stopper contains dry latex rubber that may cause allergic reactions

FURTHER POINTS

-Hib vaccine is not routinely given once a child is 5 years (after age 59 months)

-Administer ActHIB® within 24 hours after reconstitution and MenHibrix® within 30 minutes after reconstitution

-For children 5 years or younger, if Hib vaccine dose(s) receive within 14 days of the start of or during chemotherapy/radiation treatment, repeat doses at least 3 months after therapy completion

Resources: "Prevention and Control of Haemophilus Influenza Type b Disease", Recommendations of the ACIP, February 28, 2014, and "Prevention and Control of Meningococcal Disease", Recommendations of the ACIP, March 22, 2013, located at <http://www.cdc.gov/vaccines>

Adapted from the Michigan Department of Community Health October 2014