

ADVISORY COMMITTEE ON IMMUNIZATION PRACTICES

VACCINES FOR CHILDREN PROGRAM

VACCINES TO PREVENT *Haemophilus influenzae type b*

The purpose of this resolution is to incorporate the use of a pentavalent vaccine: diphtheria and tetanus toxoids, acellular pertussis, haemophilus influenza type b, and polio vaccines and to clarify the recommended schedule for the currently available vaccines for prevention of Haemophilus influenza type b.

VFC resolution 2/99-3 is repealed and replaced by the following:

Eligible groups

All children 6 weeks to 5 years of age.

Recommended Schedule for *Haemophilus influenzae type b* (Hib) Vaccines

The recommended schedule included 3 or 4 doses of a Hib containing vaccine by age 2 years, depending on the specific vaccine. The Hib doses should be given at the following ages:

<u>Dose</u>	<u>Age</u>
Primary 1	2 months
Primary 2	4 months
Primary 3	6 months*
Booster	12-15 months

* The third dose of the primary series is not necessary if PRP-OMP Hib vaccines (PedvaxHib[®] or Comvax[®]) are administered at age 2 and 4 months. If any dose in the primary series utilizes PRP-T Hib vaccines (ACTHib[®] or Pentacel[®]), the third primary dose at age 6 months is required. TriHIBit[®] (DTaP/Hib) should not be used for the primary series, but can be used for the booster doses in children age 12 months or older.

NOTE: Use of brand names is not meant to preclude the use of other licensed Hib vaccines.

Minimum age and intervals for Hib vaccines

<u>Minimum age</u>	<u>Minimum Intervals for Primary Series Doses</u>	<u>Minimum Interval for Booster Dose</u>
6 weeks	<u>Up to Age 12 Months</u> 4 weeks	<u>Age 12 Months or older</u> 8 weeks

Catch-Up Vaccination

The ACIP recommends *Haemophilus influenzae* type b vaccine for all children through 5 years of age. If Hib vaccination is not initiated by 6 months of age, use the following schedule and consult the ACIP approved Catch-up Schedule:

<u>Age at first vaccination</u>	<u>Primary series</u>	<u>Booster</u>
7-11 months	2 doses at least 4 weeks apart	Age 12-15 months at least 8 weeks after the second dose
12-14 months	1 dose	1 dose at least 8 weeks after the first dose
15-59 months	1 dose	N/A

Recommended dosage

Refer to product package inserts.

Precautions and contraindications

The following conditions are contraindications to the administration of Haemophilus influenzae type b vaccine:

- 1 **Allergy to vaccine components** Anaphylactic reaction to the vaccine or a constituent of the vaccine.
- 2 **Acute, moderate or severe illnesses with or without fever**

Adopted and Effective: June 26, 2008