

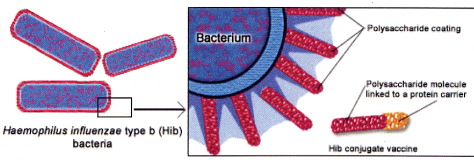
Immunization: You Call the Shots

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Haemophilus influenzae type b (Hib)

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About Hib Vaccine



Haemophilus influenzae type b (Hib) bacteria

Bacterium

Polysaccharide coating

Polysaccharide molecule linked to a protein carrier

Hib conjugate vaccine

Source: HealthSoft, Inc.

Hib vaccine is categorized as a **polysaccharide conjugate vaccine**, which is a type of **inactivated bacterial vaccine**. It is made by joining a piece of the **polysaccharide capsule** that surrounds the Hib bacterium to a **protein carrier**. This joining process is called **conjugation**. Conjugating a protein carrier to a piece of the polysaccharide capsule from a Hib bacterium creates an effective vaccine.


Click here to learn more about the history of Hib bacteria and Hib vaccines.

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Hepatitis A

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Indications for Vaccination



Alex is now 12 months old and should receive hepatitis A vaccine along with other routinely recommended vaccines.

ACIP recommends routine hepatitis A vaccination for all children 12-23 months of age. Children who are not vaccinated by 2 years of age can be vaccinated at subsequent visits. Consider opportunities for vaccinating children and adolescents, such as entry into elementary, middle school, or day care, or during healthcare visits for other reasons.

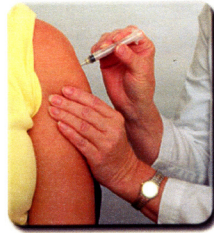
Click here to view the latest child and adolescent immunization schedule, including the catch-up schedule.

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Influenza

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Vaccine Administration



TIV is administered via the intramuscular route. A needle length appropriate for the age and size of the person receiving the vaccine should be used. The preferred injection site in infants and small children is the **vastus lateralis** muscle on the **anterolateral** aspect of the thigh. The preferred injection site in older children and adults is the **deltoid** muscle.

Click here to learn more about administering vaccines.

Modules

- Understanding the Basics: General Recommendations on Immunization
- Diphtheria, Tetanus, and Pertussis
- Polio
- *Haemophilus influenzae* type b (Hib)
- Influenza
- Hepatitis A

Description

You Call the Shots is an interactive, web-based immunization training course. It consists of a series of modules that discuss vaccine-preventable diseases and explain the latest recommendations for vaccine use. Each module provides learning opportunities, self-test practice questions, reference and resource materials, and an extensive glossary.

The course is available free of charge on the CDC Vaccines and Immunizations website at: <http://www.cdc.gov/vaccines/ed/youcalltheshots.htm>.

Audience

The course is intended for nurses, nursing students, medical assistants, pharmacists, and other health professionals who provide immunizations.

Questions or comments about the course may be e-mailed to nipinfo@cdc.gov.

Immunization: You Call the Shots was developed through a Cooperative Agreement between the Centers for Disease Control and Prevention (CDC) and the Association for Prevention Teaching and Research (APTR).

