

Immunization: You Call the Shots

Immunization
You Call the Shots

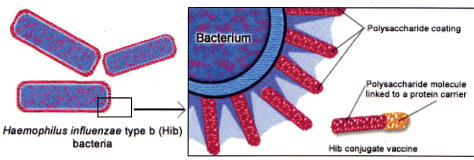
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Haemophilus influenzae type b (Hib)

Objectives

- About *Haemophilus influenzae* type b (Hib) Related Diseases
- About *Haemophilus influenzae* type b (Hib) Vaccine
- Indications for Vaccination
- Combination Vaccines
- Contraindications and Precautions to Vaccination
- Use of the VIS: "Haemophilus influenzae type b (Hib) Vaccine: What you need to know"
- Vaccine Storage and Handling
- Vaccine Administration
- Adverse Reactions Following Vaccination
- Resources

About Hib 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.

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

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Hepatitis A

Objectives

- About Hepatitis A Disease
- About Hepatitis A Vaccine
- Indications for Vaccination
- Combination Vaccine
- Use of Immune Globulin
- Contraindications and Precautions to Vaccination
- Use of the VIS: "HEPATITIS A VACCINE: What you need to know"
- Vaccine Storage and Handling
- Vaccine Administration
- Adverse Reactions Following Vaccination
- Resources

Indications for Vaccination



Source: HealthSoft, Inc.

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.

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

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Influenza

Objectives

- About Influenza
- About Influenza Vaccine
- Indications for Vaccination
- Contraindications and Precautions to Vaccination
- Use of the VIS: "INACTIVATED INFLUENZA VACCINE: What you need to know" and "LIVE, INTRANASAL INFLUENZA VACCINE: What you need to know"
- Vaccine Storage and Handling
- Vaccine Administration
- Adverse Reactions Following Vaccination
- Resources

Vaccine Administration



Source: Centers for Disease Control and Prevention

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**.

Learning Opportunity 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.

CE

Continuing education credits will be provided.

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).

