

Vaccine Information Statement

Your Baby's First Vaccines: What you need to know

Many Vaccine Information Statements are available in Spanish and other languages. See www.immunize.org/vis.
Hojas de Información Sobre Vacunas están disponibles en español y en muchos otros idiomas. Visite <http://www.immunize.org/vis>

Your baby will get these vaccines today:

DTaP Hib Hepatitis B Polio PCV13 Rotavirus
(Provider: Check appropriate boxes)

Why get vaccinated?

Vaccines can protect your baby from these 8 childhood diseases:

1. Diphtheria

Signs and symptoms include a thick covering in the back of the throat that can make it hard to breathe.

Diphtheria can lead to breathing problems, paralysis and heart failure.

- About 15,000 people died each year in the U.S. from diphtheria before there was a vaccine.

2. Tetanus (Lockjaw)

Signs and symptoms include painful tightening of the muscles, usually all over the body.

Tetanus can lead to stiffness of the jaw so the victim can't open her mouth or swallow.

- Tetanus kills 1 person out of every 5 who get it.

3. Pertussis (Whooping Cough)

Signs and symptoms include violent coughing spells that can make it hard for an infant to eat, drink, or breathe. These spells can last for weeks.

Pertussis can lead to pneumonia, seizures, and brain damage.

4. Hib (*Haemophilus influenzae* type b)

Signs and symptoms. There may not be any signs or symptoms in mild cases.

Hib can lead to meningitis (infection of the brain and spinal cord coverings); pneumonia; infections of the blood, joints, bones, and covering of the heart; brain damage; and deafness.

- Before there was a vaccine, Hib disease was the leading cause of bacterial meningitis in children under 5 years of age in the U.S.

5. Hepatitis B

Signs and symptoms include tiredness, diarrhea and vomiting, jaundice (yellow skin or eyes), and pain in muscles, joints and stomach. But usually there are no signs or symptoms at all.

Hepatitis B can lead to liver damage, and liver cancer. Some people develop chronic (long term) hepatitis B infection. These people may not look or feel sick, but can infect others.

- Hepatitis B can cause liver damage and cancer in 1 child out of 4 who are infected.

6. Polio

Signs and symptoms can include flu-like illness, or there may be no signs or symptoms at all.

Polio can lead to paralysis (can't move an arm or leg, or sometimes can't breathe).

- In the 1950s, polio paralyzed about 37,000 people and killed about 1,700 every year in the U.S.

7. Pneumococcal Disease

Signs and symptoms include fever, chills, cough, and chest pain.

Pneumococcal disease can lead to meningitis (infection of the brain and spinal cord coverings), blood infections, ear infections, pneumonia, deafness, and brain damage.

8. Rotavirus

Signs and symptoms include diarrhea (sometimes severe), vomiting and fever.

Rotavirus can lead to dehydration and hospitalization.

- Up to 70,000 children were hospitalized each year in the U.S. because of rotavirus disease, and 20 to 60 died, before there was a vaccine.

Babies usually catch these diseases from other children or adults, who might not even know they are infected. A mother with **Hepatitis B** can infect her baby at birth. **Tetanus** enters the body through a cut or wound; it is not spread from person to person.

These diseases are much less common than they used to be, thanks to generations of parents who made sure their children were vaccinated. But even a disease that has almost disappeared will come back if we stop vaccinating. This has already happened in some parts of the world. When fewer babies get vaccinated, more babies get sick.

Six Childhood Vaccines can protect your baby from these eight diseases:

Vaccine			
DTaP (Diphtheria, Tetanus, Pertussis)	5	2 months, 4 months, 6 months, 15-18 months, 4-6 years	Some children should not get pertussis vaccine. These children can get a vaccine called DT.
Hepatitis B	3	Birth, 1-2 months, 6-18 months	
Polio	4	2 months, 4 months, 6-18 months, 4-6 years	
Hib (<i>Haemophilus influenzae</i> type b)	3 or 4	2 months, 4 months, (6 months), 12-15 months	There are 2 types of Hib vaccine. With one type the 6-month dose is not needed.
PCV13 (pneumococcal)	4	2 months, 4 months, 6 months, 12-15 months	Older children with certain chronic diseases may also need this vaccine.
Rotavirus	2 or 3	2 months, 4 months, (6 months)	Not a shot, but liquid that is swallowed. There are 2 types of rotavirus vaccine. With one type the 6-month dose is not needed.

Your healthcare provider might offer certain **combination vaccines**. These are several vaccines given in the same shot. Combination vaccines are as safe and effective as the individual vaccines, and can mean fewer shots for your baby.

Some children should not get certain vaccines

Most children can safely get all of these vaccines. But be aware of these exceptions:

- A child who is sick on the day vaccinations are scheduled might be asked to come back for them at a later date.
- Any child who had a life-threatening allergic reaction after getting a vaccine should not get another dose of that vaccine.
- A child should not get a vaccine that contains a substance to which he or she has a severe allergy.
Tell your doctor if your child has any severe allergies, or has ever had a severe reaction after any vaccination. Some of these vaccines contain neomycin, streptomycin, yeast, lactose, sucrose, or latex.

Talk to your doctor before your child gets . . .

. . . **DTaP vaccine**, if your child ever had any of these reactions after a dose of DTaP:

- A brain or nervous system disease within 7 days,
- Non-stop crying for 3 hours or more,
- A seizure or collapse,
- A fever of over 105°F.

. . . **Polio vaccine**, if your child has a severe allergy to the antibiotics neomycin, streptomycin or polymyxin B.

. . . **Hepatitis B vaccine**, if your child has a severe allergy to yeast.

. . . **Rotavirus Vaccine**, if your child has:

- SCID (Severe Combined Immunodeficiency),
- A weakened immune system for any other reason,
- Recently gotten a blood product, such as immune globulin,
- Ever had intussusception (a type of bowel obstruction that is treated in a hospital).

. . . **PCV13 vaccine**, if your child has a severe allergy to yeast, or ever had a severe reaction after a dose of DTaP (or other vaccine containing diphtheria toxoid).

Risks of a Vaccine Reaction

Vaccines can cause side effects, like any other medicine.

Most vaccine reactions are **not serious**: tenderness, redness, or swelling where the shot was given; or a mild fever. These appear soon after the shot is given and go away within a day or two. They happen with about one-fourth to one-half of children, depending on the vaccine.

Polio, Hepatitis B and Hib Vaccines have been associated only with these kinds of mild reactions.

Other childhood vaccines have been associated with the following additional problems:

DTaP Vaccine

Mild Problems: Fussiness (up to 1 child in 3); tiredness or poor appetite (up to 1 child in 10); vomiting (up to 1 child in 50); swelling of the entire arm or leg for 1-7 days (up to 1 child in 30) – usually after the 4th or 5th dose.

Moderate Problems: Seizure (1 child in 14,000); non-stop crying for 3 hours or longer (up to 1 child in 1,000); fever over 105°F (1 child in 16,000).

Serious problems: Long term seizures, coma, lowered consciousness, and permanent brain damage have been reported following DTaP vaccination. These reports are so rare that it is hard to tell if the problems were really caused by the vaccine.

Pneumococcal Vaccine

Mild Problems: Drowsiness or temporary loss of appetite (about 1 child in 2); fussiness (about 8 children in 10).

Moderate Problems: Fever over 102.2°F (about 1 child in 20).

Rotavirus Vaccine

Mild Problems: Fussiness; mild temporary diarrhea or vomiting.

Serious Problems: *Intussusception* is a type of bowel blockage that is treated in a hospital, and could require surgery. There is a small risk of intussusception from rotavirus vaccination (between 1 in 100,000 and 1 in 20,000 children), usually within a week after the 1st or 2nd vaccine dose.

Problems that could happen after any vaccine:

- Brief fainting spells can happen after any medical procedure, including a vaccination. Sitting or lying down for about 15 minutes can help prevent fainting, and injuries caused by a fall.
- Severe shoulder pain and reduced range of motion in the arm where a shot was given can happen, very rarely, after a vaccination.
- Severe allergic reactions from a vaccine are very rare, estimated at less than 1 in a million doses. If one were to occur, it would usually be within a few minutes to a few hours after the vaccination.

As with any medicine, there is a very remote chance of a vaccine causing a serious injury or death.

The safety of vaccines is always being monitored. For more information, visit:

www.cdc.gov/vaccinesafety/

What if there is a serious reaction?

What should I look for?

- Look for anything that concerns you, such as signs of a severe allergic reaction, very high fever, or behavior changes.

Signs of a severe allergic reaction can include hives, swelling of the face and throat, difficulty breathing, a fast heartbeat, dizziness, and weakness. These would usually start a few minutes to a few hours after the vaccination.

Following rotavirus vaccine, also look for signs of stomach or bowel problems.

What should I do?

- If you think it is a severe allergic reaction or other emergency that can't wait, call 9-1-1 or get the person to the nearest hospital. Otherwise, call your doctor.
- Afterward, the reaction should be reported to the Vaccine Adverse Event Reporting System (VAERS). Your doctor should file this report, or you can do it yourself through the VAERS web site at www.vaers.hhs.gov, or by calling **1-800-822-7967**.

VAERS does not give medical advice.

The National Vaccine Injury Compensation Program

The National Vaccine Injury Compensation Program (VICP) is a federal program that was created to compensate people who may have been injured by certain vaccines.

Persons who believe they may have been injured by a vaccine can learn about the program and about filing a claim by calling **1-800-338-2382** or visiting the VICP website at www.hrsa.gov/vaccinecompensation.

How can I learn more?

- Ask your doctor.
- Call your local or state health department.
- Contact the Centers for Disease Control and Prevention (CDC):
 - Call **1-800-232-4636 (1-800-CDC-INFO)**
 - Visit CDC's website at www.cdc.gov/vaccines or www.cdc.gov/hepatitis

Vaccine Information Statement (Interim)

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