

Vaccines Explained

Disease:	Symptoms:	What can happen:	Vaccine:
Diphtheria Tetanus (lockjaw) Pertussis (whooping cough)	Thick covering in throat Painful tightening of muscles Severe coughing for weeks in duration	Breathing problems, inability to move muscles, and death Inability to open mouth or swallow and death Pneumonia (lung infection), jerking muscles, brain damage, and death	DTaP-for children (covers all three diseases) Tdap-for adults older than eleven (covers all three diseases) Td (only for tetanus and diphtheria must be seven years or older)
Hepatitis A	Fever, feeling tired, stomach pain, vomiting, diarrhea, joint pain, yellowing of skin and eyes	Liver failure (liver cleans body's blood) and death	Hepatitis A
Hepatitis B	Fever, feeling tired, stomach pain, vomiting, diarrhea, joint pain, and yellowing of skin and eyes	Liver damage/cancer (liver cleans body's blood) and death	Hepatitis B
<i>Haemophilus influenzae</i> type b (Hib)	Pneumonia (lung infection), breathing difficulty, infections (in blood, bones, and covering of heart)	Meningitis (infection of brain and spinal cord) and death	Hib
Human Papillomavirus (HPV)	Genital warts that can occur in throat or on genitals spread through sexual contact	Cervical cancer in women (part of female genitals) and throat cancer in men and women	HPV Gardasil Cervarix
Influenza	Fever, sore throat, sore muscles, feeling tired, cough, headache, runny nose	Pneumonia (lung infection), blood infections, diarrhea, and death	Influenza

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Disease:	Symptoms:	What can happen:	Vaccine:
<p>Measles</p> <p>Mumps</p> <p>Rubella (German Measles)</p>	<p>Rash, cough, runny nose, fever</p> <p>Fever, headache, muscle pain</p> <p>Rash, arthritis (joint inflammation), fever</p>	<p>Ear infection, pneumonia (lung infection), brain damage, and death</p> <p>Deafness, meningitis (infection of brain and spinal cord), and inability to have children</p> <p>If a woman gets Rubella while pregnant, it can cause miscarriage and serious birth defects.</p>	<p>MMR</p>
<p>Meningococcal</p>	<p>Meningitis (infection of brain and spinal cord), fever, and blood infections</p>	<p>Hearing loss, brain damage, kidney damage, and death</p>	<p>Menactra Menomune</p>
<p>Pneumococcal</p>	<p>Ear infection, pneumonia (lung infection), and blood infections</p>	<p>Meningitis (infection of brain and spinal cord), deafness, brain damage, and death</p>	<p>Prevnar</p>
<p>Polio</p>	<p>Inability to move legs or arms, but usually no symptoms</p>	<p>Permanent inability to move legs or arms and death</p>	<p>IPV</p>
<p>Rotavirus</p>	<p>Diarrhea, vomiting, and fever</p>	<p>Body does not receive enough water which causes serious health problems and even death</p>	<p>RotaTeq Rotarix</p>
<p>Varicella (chicken pox)</p>	<p>Rash, fever, tired feeling, itching, and skin infections</p>	<p>Brain damage, pneumonia (lung infection), and death</p>	<p>Varivax</p>