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- Salk Polio Vaccine
- Hepatitis A Vaccine
- Rabies Vaccine
- Influenza Vaccine



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• Ebola Vaccine
Examples:

Memory cells can remain in the body for months, years, even decades, depending on the vaccine.

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- Always consult your healthcare provider.
- Auto-ISM.
- Dose chance of 0 in 10,000,000.

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R - S - I - K

- Only 1-2 vaccine doses of every 1 million result in allergic reaction.
- Only 1 in a million chance of encephalitis with the MMR vaccine.
- Less than a 1 in a million chance of Guillain-Barré syndrome.
- Millions chance of getting sick.

Immune Response

- Step 1: Body detects the "blueprint" for faster responses in the future.
- Step 2: White blood cells (B cells and T cells) respond and produce anti-bodies.
- Step 3: Memory cells store the "blueprint" for faster responses in the future.

Safety

MONITORING

BEFORE A VACCINE EVEN EXISTS
A MANUFACTURING PLANT,
SAFETY MONITORING HAS
BEGUN:

- FACILITY TESTING
- BATCH TESTING

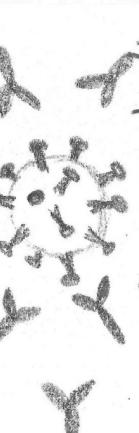
EXTERNAL SAFETY NETS:

- Vaccine Adverse Events Reporting System (VAERS): Where ANYONE can report a POTENTIAL reaction.
- Vaccine Safety Datalink (VSD): Vaccine Safety Systems who investigate and research vaccine safety.
- Clinical Immunization Safety Assessment Project (CISA): A network of vaccine safety experts, medical research centers, and public health partners.

What is the Immune System anyway?

It is our body's defense system against harmful invaders like bacteria and viruses.

Key players include white blood cells, antibodies, and the lymphatic system.



SCHEDULE *

Know When
to get vaccines
at recommended
intervals

www.cdc.gov/ncip/imz-schedules/index.html



Inactivated Vaccines

These use a killed or inactivated version of a pathogen to stimulate an immune response. Because it is dead or non-replicating, it cannot cause disease.

Unlike live attenuated vaccines, inactivated vaccines often require multiple doses or booster shots to maintain immunity.

Vector-Based Vaccines

These use a harmless virus (the vector) to deliver genetic material from a pathogen into the body. This tells cells to produce a specific protein from the pathogen, which triggers an immune response without causing disease.

• Ebola Vaccine Examples:

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