CISA conducts clinical research studies

HepB

PRISM

The Journey of Your Child’s Vaccine

serious diseases.

in people begins, it can take several more years before clinical studies are complete and the vaccine is licensed.

called lots.

made in batches

When making recommendations, ACIP considers:

- How safe is the vaccine when given at specific ages?
- How well does the vaccine work at specific ages?
- How serious is the disease this vaccine prevents?
- How many children would get the disease the vaccine prevents if we didn’t have the vaccine?

The Advisory Committee on Immunization Practices (ACIP) is a group of medical and public health experts. Members of the American Academy of Pediatrics (AAP) and American Academy of Family Physicians (AAFP) are

The FDA licenses the vaccine only if:

- It’s safe and effective
- Benefits outweigh risks

FOR MORE INFORMATION, VISIT HTTPS://WWW.FDA.GOV/CBER

Scientific use these systems to actively monitor vaccine safety.

Vaccine adverse event reporting system (VAERS)

VAERS collects and analyzes reports of adverse events that happen after vaccination.

Anyone can submit a report, including parents, patients and healthcare professionals.

Vaccine safety datalink (VSD) and post-licensure rapid immunization safety monitoring (PRISM)

Two networks of healthcare organizations across the U.S.

VSD can analyze healthcare information from over 24 million people.

PRISM can analyze healthcare information from over 190 million people.

Scientists use these systems to actively monitor vaccine safety.

Clinical immunization safety assessment project (CISA)

CISA is a collaboration between CDC and 7 medical research centers.

Vaccine safety experts assist U.S. healthcare providers with complete vaccine safety questions about their patients.

CISA conducts clinical research studies to better understand vaccine safety and identify prevention strategies for adverse events involving immunization.

Vaccine recommendations may change if safety monitoring reveals new information on vaccine risks (like if scientists detect a new serious side effect).

For more information, call toll free 1-800-CDC-INFO if you have questions about vaccines.

The United States currently has the safest vaccine supply in its history. These vaccines keep children, families and communities protected from serious diseases.

FOR MORE INFORMATION, VISIT HTTPS://WWW.CDC.GOV/VACCINESAFETY

How a new vaccine is developed, approved and manufactured

The Food and Drug Administration (FDA) sets rules for the three phases of clinical trials to ensure the safety of the volunteers. Researchers test vaccines with adults first.

After being added to the U.S. Recommended Immunization Schedule, health experts continue to monitor the vaccine’s safety and effectiveness.

Recommended immunization schedule

How a vaccine is added to the U.S. Recommended Immunization Schedule

The purpose of monitoring is to watch for adverse events (possible side effects). Monitoring a vaccine after it is licensed helps ensure that possible risks associated with the vaccine are identified.

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