How Do Immunizations Work?

Vaccines contain the same antigens or parts of antigens that cause diseases, but the antigens in vaccines are either killed or greatly weakened. Vaccine antigens are not strong enough to cause disease but they are strong enough to make the immune system produce antibodies against them. Memory cells prevent re-infection when they encounter that disease again in the future. Through vaccination, you can develop immunity without suffering from the actual diseases that vaccines prevent.
MCHD’s Immunization Program

The Moore County Health Department’s Immunization Program helps protect Moore County residents from vaccine-preventable diseases. The Immunization Program follows the Centers for Disease Control (CDC) recommendations for vaccines.

Moore County Health Department offers vaccinations for every age group.

- We offer childhood vaccines free of charge to children 0 – 18 years old who are uninsured, underinsured, Native American, native Alaskan, or who receive Medicaid.

- Vaccines required for public school attendance include vaccines that protect children from diphtheria, tetanus, whooping cough, hepatitis B, polio, measles, mumps, rubella and chickenpox.

- We also offer recommended childhood vaccines including vaccines that protect children from viral diarrhea, pneumonia, hepatitis A, flu, meningitis, and various cancers and lesions that are caused by the human papilloma virus.

- For adults we offer vaccines against hepatitis A, hepatitis B, meningitis, pneumonia, rabies, tetanus, whooping cough, measles, mumps, rubella and chickenpox. There is a fee for most adult vaccinations.

- Our Foreign Travel Clinic offers age-appropriate vaccines to protect travelers from communicable diseases such as typhoid, yellow fever and polio. There is a fee for all foreign travel vaccinations.

Vaccinations Prevent Disease

Disease prevention is key to public health. It is always better to prevent a disease than to treat it. Vaccines can protect both the people who receive them and those with whom they come in contact. Vaccines are responsible for the control of many infectious diseases that were once common in this country and around the world, including polio, measles, diphtheria, pertussis (whooping cough), rubella (German measles), mumps, and tetanus.

Over the years vaccines have prevented countless cases of infectious diseases and saved literally millions of lives.

Vaccine-preventable diseases have a costly impact, resulting in doctor’s visits, hospitalizations, and even premature deaths.

For more information...

To schedule an appointment, call: 910-947-3300.

For immunization program questions, call: 910-947-4516

For a full listing of immunization schedules for every age group from the CDC, visit:

www.cdc.gov/vaccines/schedules

For a full list of vaccine information statements (VIS) from the CDC, visit:

www.cdc.gov/vaccines/hcp/vis

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