

Name

Instructor

Subject

Date

Vaccinations in the USA

Every year, millions of individuals get infected with various flu strains as well as other ailments. People may have symptoms such as fevers, vomiting, and exhaustion as a result of these infectious viral diseases. Vaccines, on the other hand, can aid in the prevention and elimination of illnesses. Vaccines minimize the infection risk by assisting the body in developing disease immunity safely. Due to its preventive measures against viral illnesses, many individuals see immunizations as a very efficient safety precaution against influenza. Some people, however, are opposed to vaccines because of religious beliefs and the risk of acquiring Autism Spectrum Disorder. Vaccines prevent and eradicate illness, bring economic advantages, and are safe to use, even though some individuals are apprehensive about their administration.

Vaccines aid the immune system in developing disease immunity and fighting illness. In the human body, a little quantity of influenza is contracted. When a person is exposed to sickness on a wider scale, the disease has less of an impact on the body since immunity has already developed. Vaccines pose minimal to no danger because they have been thoroughly studied and controlled in numerous clinical trials. "Most vaccinations, such as those for varicella (chickenpox), measles, meningitis, mumps, and polio, can be delivered simply once or over a series of doses," according to the article "Vaccines." Vaccine administration is supported by several medical institutes and worldwide health care organizations, including the World Health Organization and the US Centers for Disease Control and Prevention. Some immunization

efforts have been so successful that no outbreaks of certain illnesses have occurred. In California, Mississippi, and West Virginia, vaccinations are required. When immunizations are required, the chance of an epidemic in the community decreases dramatically, and the community's overall health increases.

Parents might show concern about the components of vaccinations, even though they might not be against getting their children vaccinated. Vaccines are known to contain a variety of components. Therefore, parents might be concerned about the safety and effectiveness of these chemicals, however, these vaccinations have undergone extensive safety and effectiveness testing over many years therefore there is no reason for these parents to be worried or concerned. According to the US Department of Health and Human Services (HHS). "The Food and Drug Administration also looks at test findings to decide whether to license the vaccine for use in the United States". The four primary components found in vaccinations are Adjuvants, stabilizers, formaldehyde, and thimerosal. Adjuvants help the body's immune system to respond to a vaccination. Stabilizers such as sugar and gelatin help vaccinations stay effective after they have been made.

Vaccines boost the economy and bring economic growth in addition to preventing and eliminating illnesses. Vaccines help economic growth by boosting population health. Because their immune systems are still growing, vaccines are given to newborns and infants. This enables them to fend off numerous influenza strains and develop normally throughout this vital period. Vaccinations educate youngsters to become healthy and productive adults as they engage in numerous groups such as education, sports, and clubs (Quilici et al.). Healthy children who have been vaccinated do better in school and grow up to be healthy people who are working longer and more successfully. Pediatric health care is extremely important and requires a long-term

commitment. From an early age, good health is a crucial resource for social and economic development. Children's immune systems are still developing, and they may have a weak immune system. Vaccines, on the other hand, aid children in combating numerous germs and influenza infections to which they may be exposed. Adults must be protected against influenza since they represent the majority of the workforce. Adults may be productive and promote economic progress by avoiding sick leave and poor productivity. Vaccines have a critical role in the economy because they strive to avert economic consequences. "Because certain vaccinations are capable of eradicating some diseases, decreases in mortality also lead to higher consumption and GDP. According to early studies, a five-year rise in life expectancy can result in an increase of 0.3 to 0.5 percent in annual growth" (Quilici et al.). People can be more productive in terms of education, labor supply, and labor productivity if their health improves. Everyone will be able to contribute more to the economy and assure economic development as a result of this.

When it comes to vaccination administration, there are various advantages. Some people, however, are wary about vaccinations for various reasons and opt not to be vaccinated. Due to religious convictions, some people choose to forego or avoid immunizations. Catholics, for example, oppose abortion and have chosen not to be vaccinated since certain vaccinations include cells and strains taken from the fetus. Because certain vaccinations contain gelatin obtained from pigs (CDC), Muslims who do not consume pork products may choose not to get vaccinated. Even if people have religious reasons for avoiding immunizations, declining vaccines for religious or personal reasons might compromise herd immunity. "Herd immunity" refers to the concept that a specific percentage of a population must be vaccinated to protect those who aren't against disease outbreaks (CDC). In such locations, disease prevention and

eradication will be less effective, and the population's health will decline. In such locations, disease prevention and eradication will be less effective, and the population's health will decline.

In conclusion, Vaccines are one of the most efficient ways to prevent and eliminate influenza. The immune system can identify and combat disease by assisting the body in developing immunity to it. Vaccines are carefully controlled and evaluated before being given to patients since they go through several years of clinical trials to ensure that they are safe to use in infants and children. Although these are plausible reasons for not getting immunizations, they disrupt herd immunity, and there is no proof that vaccines cause Autism Spectrum Disorder. Vaccines are very efficient safety precautions against influenza, and by avoiding infections, they can assist to enhance the general health and efficiency of the community.



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