



Effectiveness of Influenza Vaccine among Patients

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DESCRIPTION

The flu vaccine (often referred to as "influenza vaccination") is a vaccine that protects against the four most common influenza viruses of the coming season, according to studies. Most flu vaccines are "flu vaccinations" that are usually given by sticking a needle in the arm, but some flu vaccines are offered in the form of nasal drops. There are several influenza vaccine manufacturers and influenza vaccine products that have been approved and recommended for use in the United States. The CDC recommends the use of an approved age-appropriate influenza vaccine during the 2021-2022 influenza seasons.

Available influenza vaccines include the tetravalent inactivated influenza vaccine [IIV4], the recombinant influenza vaccine [RIV4], or the live attenuated influenza vaccine (LAIV4). One flu vaccine does not take precedence over another. Influenza vaccine, also called influenza vaccination or influenza vaccination, is a vaccine that prevents infection by the influenza virus. Due to the rapid change of the influenza virus, new versions of the vaccine are developed twice a year. Their effectiveness varies from year to year, but in most cases they provide moderate to high protection against influenza. The Centers for Disease Control and Prevention (CDC) estimates that vaccination against influenza will reduce illness, doctor consultation, hospitalization, and death.

Vaccine effectiveness in those over 65 years old remains uncertain due to a lack of high-quality research. Vaccinating children may protect those around them. Influenza (flu) vaccines cause antibodies to develop in the body about two weeks after vaccination. These antibodies provide protection against infection with the viruses that are used to make vaccine. The

seasonal flu vaccine protects against the flu virus. Studies suggest that this is the most prevalent next season. Influenza vaccination is safe for people over 6 months. It protects you and the people around you from the flu and its complications. People do not maintain immunity for a very long time because the influenza virus often changes from year to year. Influenza vaccination is usually given once a year from October.

Vaccination provides protection during the flu season from October to April. All children over 6 months old should be vaccinated against influenza each year. Infants and children aged 6 months to 9 years who have never been vaccinated against the flu should be vaccinated twice at least every 4 weeks. People who have been vaccinated with the seasonal flu vaccine at least once in the past, or children over the age of 9, need only be vaccinated once a year. Children under the age of 5 are at increased risk of influenza complications such as high fever, seizures, and pneumonia. If you have children under the age of 5, or if you have health problems, the entire family should be vaccinated against the flu. This is especially important if you have children less than 6 months of age, or if someone in your family is pregnant. A standard dose 4-valent influenza vaccine made using a virus cultured in eggs.

These include Afluria Quadrivalent, Fluarix Quadrivalent, FluLaval Quadrivalent, Fluzone Quadrivalent. Different influenza vaccinations have been approved for different age groups. These four vaccines are approved for people 6 months of age and older. Most influenza shots are given in an arm muscle with a needle. One quadrivalent influenza shot (Afluria Quadrivalent) can be given either with a needle or with a jet injector.

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