Lawrence Livermore National Laboratory Health Services Department



This vaccine is a "quadrivalent" vaccine and is made to protect against four flu viruses. It is an inactivated (killed) vaccine and is formulated to contain HA of each of the following four influenza strains recommended for the 2020-2021 influenza season: A/Victoria/2570/2019 IVR-215 (an A/Victoria2570/2019 (H1N1)pdm09-like virus), A/Darwin/6/2021 IVR-227 (an A-Darwin/9/2021 (H3N2)-like virus, B/Austria/1359417/2021 BVR-26 (a B/Austria/1359417/2021- like virus) and B/Phuket/3073/2013 BVR-1B (a B/Phuket/3073/2013-like virus). The prefilled syringes are **NOT** formulated with preservative. The rubber tip cap and plunger were NOT made with natural rubber latex. FLUAD High Dose is approved for use in persons 65 years or older. FLUAD pairs the regular vaccine with an adjuvant, an immune stimulant, to cause the immune system to have a higher response to the vaccine.

Why should people get vaccinated against the flu? Influenza is a serious disease that can lead to hospitalization and sometimes even death. Every flu season is different, and influenza infection can affect people differently. Even healthy people can get very sick from the flu and spread it to others. Over a period of 31 seasons between 1976 and 2007, deaths associated with the flu, in the US, range from a low of about 3,000 to a high of about 49,000. During recent flu seasons, between 80% and 90% of flu related deaths have occurred in people 65 years and older. "Flu season" in the US can begin as early as October and last as late as May. An annual seasonal flu vaccine is the best way to reduce the chances that you will get seasonal flu and spread it to others. When more people get vaccinated against the flu, less flu can spread through that community thereby protecting those at high risk of developing flu complications or death.

Can this vaccine cause the flu? FLUAD High Dose is an inactivated vaccine that cannot cause influenza but stimulates the immune system to produce antibodies that protect against influenza.

When will I be protected from the flu? The full effect of the vaccine is generally achieved approximately 3 weeks after vaccination.

What are the risks from an inactivated influenza vaccine? A vaccine, like any medicine, could possibly cause serious problems, such as severe allergic reactions. The risk of a vaccine causing serious harm, or death, is extremely small. Serious problems from inactivated influenza vaccine are very rare. The viruses in inactivated influenza vaccine have been killed, so you cannot get influenza from the vaccine. The most common adverse reactions for adults 18 - 64 include tenderness ($\geq 60\%$), pain ($\geq 40\%$), swelling ($\geq 20\%$), and redness, itching ($\geq 10\%$). The most common systemic adverse events were muscle aches ($\geq 30\%$) and headache, malaise ($\geq 20\%$). Immunocompromised persons may have a diminished immune response to FIUAD: Life-threatening allergic reactions from vaccines are very rare. If they do occur, it is usually within a few minutes to a few hours after the shot. In 1976, a type of inactivated influenza (swine flu) vaccine was associated with Guillain-Barre Syndrome (GBS). Since then, flu vaccines have not been clearly linked to GBS. However, if there is a risk of GBS from current flu vaccines, it would be no more than 1 or 2 cases per million people vaccinated which is much lower than the risk of severe influenza, which can be prevented. Signs of a severe allergic reaction can include difficult breathing, hoarseness or wheezing, hives, paleness, weakness, a fast heart-beat or dizziness. If so, contact a doctor immediately or call 911. Who should get vaccinated this season? Everyone 6 months of age and older should get a flu vaccine every season. This recommendation has been in place since

Who should get vaccinated this season? Everyone 6 months of age and older should get a flu vaccine every season. This recommendation has been in place since 2010 when the US expanded protection against the flu to more people to create herd immunity to help prevent influenza for those who are at high risk of serious complications from influenza. Persons at risk include those who are 65 yrs and older, those with asthma, diabetes, heart disease, HIV or cancer.

Who Should Not Be Vaccinated? Anyone with severe allergic reaction (e.g., anaphylaxis) to any component of the vaccine including egg protein, or to a previous dose of any influenza vaccine should NOT be vaccinated in a flu clinic setting.

Does this vaccine contain thimerosal? This prefilled inactivated influenza vaccine contains NO thimerosol or other preservative or natural rubber latex.

Do you have or have you ever had a/an:

•	History of fainting after blood draws or injections?	🗆 Y	
•	Guillain-Barre syndrome in the last 6 weeks	🗆 Y	
•	Severe (life-threatening) allergies, including a severe allergy to eggs,		
	or any vaccine component?	I Y	🗆 N
•	Are you moderately or severely ill (> 102 fever):	D Y	

I have read the above information and understand the benefits and risks of the flu vaccine as described. I have answered all questions. I have received the Vaccine Information Sheet (8-6-21). I request that the vaccine be given to:

Print Name

Your Signature

Employee #

Date

Please report any severe or unusual adverse reactions to HSD at Ext 22475.

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HSD USE ON			(1)		
Give FLUAD V	accine 0.5	IM.	(420)	9/8/2022	
Seqirus Lot #346342 - Expiration - April 14, 2023		n – April 14, 2023	Patrick Keller, M.D.	Date	
L	R	Deltoid			
			Provider Signature	Date	