Seasonal Influenza Vaccines 2021-2022

Se the confect Product and Presentation based on the Patient's Age and Status			
Vaccine Type ¹	Brand	Presentation	Age Indication ²
QUADRIVALENT			
IIV4	Fluarix [®] Quadrivalent (GlaxoSmithKline)	Prefilled 0.5 mL syringe	6 months & older ²
IIV4	FluLaval [®] Quadrivalent (GlaxoSmithKline)	Prefilled 0.5 mL syringe	6 months & older ²
IIV4	Fluzone [®] Quadrivalent (Sanofi Pasteur)	5.0 mL multi-dose vial ⁴	6 through 35 months (0.25 or 0.5 mL) ²
			3 years & older (0.5 mL)
		Prefilled 0.5 mL syringe	6 months & older ²
		0.5 mL single-dose vial	
IIV4	Afluria [®] Quadrivalent (Seqirus)	Prefilled 0.25 mL syringe	6 through 35 months ²
		5.0 mL multi-dose vial ^{4,5}	6 through 35 months (0.25 mL) ²
			3 years & older (0.5 mL)
		Prefilled 0.5 mL syringe	3 years & older
LAIV4	FluMist [®] Quadrivalent (AstraZeneca)	Prefilled 0.2 mL single-use intranasal sprayer	2 through 49 years if healthy and not pregnant persons
ccIIV4	Flucelvax [®] Quadrivalent (Seqirus)	Prefilled 0.5 mL syringe	2 years & older ²
		5.0 mL multi-dose vial ⁴	2 years & older (0.5 mL) ²
RIV4	Flublok [®] Quadrivalent (Sanofi Pasteur)	Prefilled 0.5 mL syringe	18 years & older
HD-IIV4	Fluzone [®] High-Dose (Sanofi Pasteur)	Prefilled 0.7 mL syringe ²	65 years & older
allV4	Fluad ^{®3} Quadrivalent (Seqirus)	Prefilled 0.5 mL syringe	65 years & older

Use the Correct Product and Presentation Based on the Patient's Age and Status

Available VFC presentations are in gray boxes.

¹ Abbreviations: Inactivated Influenza Vaccine (IIV4), Adjuvanted (aIIV4), High-Dose (HD-IIV4), Cell Culture-based (ccIIV4), <u>Recombinant Influenza Vaccine (RIV4); Live Attenuated Influenza Vaccine (LAIV4)</u>. Numbers indicate number of flu virus antigens.

² Dose volume for standard-dose IIV is based on age and flu vaccine product. For 3 years and older, dose volume is 0.5 mL regardless of flu vaccine product (exception: Fluzone High-Dose the correct volume is 0.7 mL). Dose volume for IIV4 vaccines for children aged 6-35 months: 0.25 mL per dose of Afluria; 0.5 mL per dose for Fluarix and FluLaval; either 0.25 mL per dose or 0.5 mL per dose of Fluzone. No preference is expressed for either Fluzone dose volume for this age group. Dose volume of ccIIV4 vaccine for children aged 2 years and older: 0.5 mL per dose of Flucelvax. See "2021-22 Seasonal Influenza Vaccine Dose Volumes for Children" at www.michigan.gov/flu.

³ Fluad includes the adjuvant MF59.

⁴ Per the package inserts, for Afluria Quadrivalent, "once the stopper of the multi-dose vial has been pierced the vial must be discarded within 28 days. The number of needle punctures should not exceed 20 per multi-dose vial." For Fluzone Quadrivalent, "a maximum of 10 doses can be withdrawn from the multi-dose vial," even if drawing out 0.25 mL doses. A Flucelvax Quadrivalent multi-dose vial may be used up until the expiration date.

⁵ Afluria is approved by the Food and Drug Administration for intramuscular administration with a PharmaJet[®] Stratis[®] Needle-Free Injection System for persons aged 18 through 64 years.

Use this chart to help prevent errors. Highlight the flu vaccine(s) you have in your storage unit and know the age indications. Ensure you give the correct vaccine at the correct dose volume to the correct person based on age. For 2-dose recommendations, see "Who Needs 2 Doses of 2021-22 Seasonal Influenza Vaccine?" at <u>www.michigan.gov/flu</u>. Refer to "Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the ACIP—U.S., 2021-22 Influenza Season," MMWR Recomm Rep 2021;-70(No. RR-5):1-28, located at <u>www.cdc.gov/vaccines</u>. For additional information regarding flu and flu vaccination, refer to <u>www.michigan.gov/flu</u>, <u>www.cdc.gov/vaccines</u>, or <u>www.cdc.gov/mmwr</u>.