

Seasonal Influenza Vaccines 2020-2021

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

Vaccine Type ¹	Brand	Presentation	Age Indication ²
TRIVALENT			
aIIV3	Fluad ^{®3} (Seqirus)	Prefilled 0.5 mL syringe	65 years & older
QUADRIVALENT			
IIV4	Fluarix [®] Quadrivalent (GlaxoSmithKline)	Prefilled 0.5 mL syringe	6 months & older
IIV4	FluLaval [®] Quadrivalent (ID Biomedical Corp., GSK)	Prefilled 0.5 mL syringe	6 months & older
IIV4	Fluzone [®] Quadrivalent (Sanofi Pasteur)	5.0 mL multi-dose vial ⁴	6 through 35 months (0.25 or 0.5 mL) ²
		Prefilled 0.5 mL syringe	3 years & older (0.5 mL) ²
		0.5 mL single-dose vial	6 months & older
IIV4	Afluria [®] Quadrivalent (Seqirus)	Prefilled 0.25 mL syringe	6 through 35 months
		5.0 mL multi-dose vial ^{4,5}	6 through 35 months (0.25 mL) ²
		Prefilled 0.5 mL syringe	3 years & older (0.5 mL) ²
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	4 years & older
		5.0 mL multi-dose vial ⁴	4 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
aIIV4	Fluad ^{®3} Quadrivalent (Seqirus)	Prefilled 0.5 mL syringe	65 years & older

Available VFC presentations are in gray boxes.

¹ Abbreviations: Inactivated Influenza Vaccine (IIV4), Adjuvanted (aIIV3, aIIV4), High-Dose (HD-IIV4), Cell Culture-based (ccIIV4), Recombinant Influenza Vaccine (RIV4); Live Attenuated Influenza Vaccine (LAIV4). 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**). For children aged 6-35 months there are multiple licensed flu vaccines: **Afluria** dose volume is **0.25 mL** per dose; **FluLaval and Fluarix** dose volume is **0.5 mL** per dose; **Fluzone** dose volume can be **either 0.25 mL or 0.5 mL** per dose. No preference is expressed for either Fluzone dose volume for this age group. See “2020-21 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 2020-21 Seasonal Influenza Vaccine?” at www.michigan.gov/flu. Refer to “Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the ACIP—U.S., 2020-21 Influenza Season,” MMWR Recomm Rep 2020; 69(No. RR-8):1-24, located at www.cdc.gov/vaccines. For additional information regarding flu and flu vaccination, refer to www.michigan.gov/flu, www.cdc.gov/vaccines, or www.cdc.gov/mmwr.