

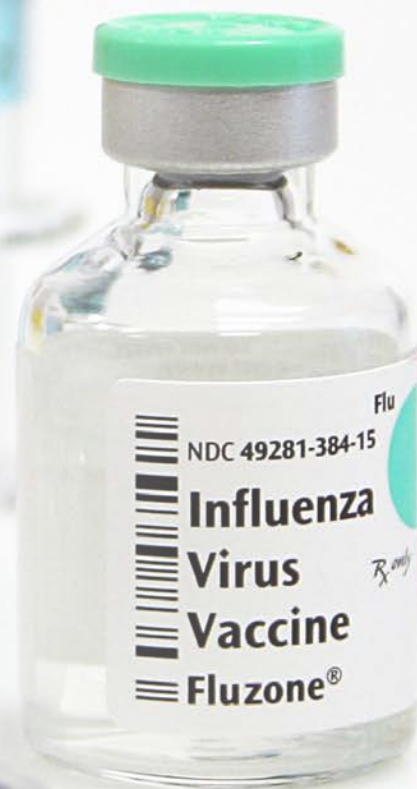
Seasonal Influenza Vaccine

2018-2019 Reference Guide

CHOICE - With FFF's MyFluVaccine, you can select from a broad portfolio of products.

CONVENIENCE - Plan your flu clinics with confidence, knowing your order will arrive when you need it.

SAFETY - Guaranteed Channel Integrity™ is our commitment to a secure pharmaceutical supply chain.



PATIENT SAFETY • PRODUCT EFFICACY • FAIR PRICING

2018-2019

Flu Vaccines

Product	Manufacturer	Size	Indication	Latex Content	Thimerosal Content	CPT	Medicare
TRIVALENT							
Fludax®	Seqirus	0.5 mL PFS 10-BX	65 years and older	Latex-free	Preservative-free	90653	90653
Fluzone® High-Dose	Sanofi Pasteur	0.5 mL PFS 10-BX	65 years and older	Latex-free	Preservative-free	90662	90662
QUADRIVALENT							
Flucelvax®	Seqirus	0.5 mL PFS 10-BX	4 years and older	Latex-free	Preservative-free	90674	90674
Flucelvax®	Seqirus	5 mL MDV	4 years and older	Latex-free	25 mcg/dose	90756 ¹	90756 ¹
Afluria®	Seqirus	0.5 mL PFS 10-BX	5 years and older	Latex-free	Preservative-free	90686	90686
Afluria®	Seqirus	5 mL MDV	5 years and older	Latex-free	24.5 mcg/dose	90688	90688
Fluzone® Pediatric	Sanofi Pasteur	0.25 mL PFS 10-BX	6-35 months	Latex-free	Preservative-free	90685	90687
Fluzone®	Sanofi Pasteur	0.5 mL PFS 10-BX	3 years and older	Latex-free	Preservative-free	90686	90686
Fluzone®	Sanofi Pasteur	0.5 mL SDV 10-BX	3 years and older	Latex-free	Preservative-free	90686	90686
Fluzone®	Sanofi Pasteur	5 mL MDV	6 months and older	Latex-free	25 mcg/dose	90688	90688
Flublok®	Sanofi Pasteur	0.5 mL PFS 10-BX	18 years and older	Latex-free	Preservative-free	90682	90682
FLULAVAL®	GSK	0.5 mL PFS 10-BX	6 months and older	Latex-free	Preservative-free	90686	90686
FLULAVAL®	GSK	5 mL MDV	6 months and older	Latex-free	25 mcg/dose	90688	90688
FLUARIX®	GSK	0.5 mL PFS 10-BX	6 months and older	Latex-free	Preservative-free	90686	90686
FluMist®	MedImmune	0.2 mL nasal spray 10-BX	2-49 years	Latex-free	Preservative-free	90672	90672

¹ Providers should check with their respective payers to verify which code they are recognizing for Flucelvax Quadrivalent 5 mL MDV product reimbursement for this season.

The World Health Organization recommends that quadrivalent vaccines for use in the 2018-2019 northern hemisphere influenza season contain the following:

- an A/Michigan/45/2015 (H1N1)pdm09-like virus;
- an A/Singapore/INFIMH-16-0019/2016 (H3N2)-like virus;
- a B/Colorado/06/2017-like virus (B/Victoria/2/87 lineage); and
- a B/Phuket/3073/2013-like virus (B/Yamagata/16/88 lineage).

It is recommended that the influenza B virus component of trivalent vaccines for use in the 2018-2019 northern hemisphere influenza season be a B/Colorado/06/2017-like virus of the B/Victoria/2/87-lineage.

YOU PICK THE PREFERRED DATE • YOU PICK THE QUANTITY • WE DELIVER

Dosing Guide

Product	Manufacturer	Size	Indication	Doses	Route
TRIVALENT					
Fludax [®]	Seqirus	0.5 mL PFS 10-BX	65 years and older	1	Intramuscular ⁴
Fluzone [®] High-Dose	Sanofi Pasteur	0.5 mL PFS 10-BX	65 years and older	1	Intramuscular ⁴
QUADRIVALENT					
Flucelvax [®]	Seqirus	0.5 mL PFS 10-BX	4 years and older	1 or 2 ³	Intramuscular ⁴
Flucelvax [®]	Seqirus	5 mL MDV	4 years and older	1 or 2 ³	Intramuscular ⁴
Afluria [®]	Seqirus	0.5 mL PFS 10-BX	5 years and older	1	Intramuscular ⁴
Afluria [®]	Seqirus	5 mL MDV	5 years and older	1	Intramuscular ⁴
Fluzone [®] Pediatric	Sanofi Pasteur	0.25 mL PFS 10-BX	6-35 months ²	1 or 2 ³	Intramuscular ⁴
Fluzone [®]	Sanofi Pasteur	0.5 mL PFS 10-BX	3 years and older	1 or 2 ³	Intramuscular ⁴
Fluzone [®]	Sanofi Pasteur	0.5 mL SDV 10-BX	3 years and older	1 or 2 ³	Intramuscular ⁴
Fluzone [®]	Sanofi Pasteur	5 mL MDV	6 months and older	1 or 2 ³	Intramuscular ⁴
Flublok [®]	Sanofi Pasteur	0.5 mL PFS 10-BX	18 years and older	1	Intramuscular ⁴
FLULAVAL [®]	GSK	0.5 mL PFS 10-BX	6 months and older	1 or 2 ³	Intramuscular ⁴
FLULAVAL [®]	GSK	5 mL MDV	6 months and older	1 or 2 ³	Intramuscular ⁴
FLUARIX [®]	GSK	0.5 mL PFS 10-BX	6 months and older	1 or 2 ³	Intramuscular ⁴
FluMist [®]	MedImmune	0.2 mL nasal spray 10-BX	2-49 years	1 or 2 ³	Intranasal

² Children aged 6-35 months should receive 0.25 mL vaccine per dose. Ages 36 months through adult should receive 0.5 mL vaccine per dose. See footnote 4 for number of doses.

³ Children aged 6 months through 8 years who are receiving influenza vaccine for the first time, and some in this age group who have previously been vaccinated, require two doses of vaccine administered ≥ 4 weeks apart. One or two doses depends on vaccination history as per Advisory Committee on Immunization Practices annual recommendations on prevention and control of influenza with vaccines.

⁴ For adults and older children, the recommended site of vaccination is the deltoid muscle. The preferred site for infants and young children is the anterolateral aspect of the thigh.

Free Flu Vaccine Resources

We Provide Free Resources to Help You Plan and Promote Your Flu Clinics

Myth "Getting sick with the flu is not that serious..."
Fact According to CDC, since 2012, flu-related deaths are estimated to have ranged from 12,000 to 50,000. Flu symptoms, including fever, headaches, cough, sore throat, nasal congestion, extreme tiredness and body aches, can disrupt your work, school and social life for up to two weeks.
Myth "I could get the flu from the flu shot..."
Fact A flu shot will not give you the flu. The weak strains in injectable influenza vaccine have been inactivated, making it biologically unable to cause illness. The viral strains in the nasal spray vaccine are weakened and do not cause serious symptoms often associated with influenza illness.
Myth "There are no flu vaccines made just for seniors..."
Fact There are two vaccines designed specifically for people 65 years of age and older. The high dose vaccine is tailored for adults over 65, and contains 4 times the amount of antigens as the regular flu shot. The adjuvanted flu vaccine has an adjuvant added to help enhance immune response in those 65 and older.
Myth "I got vaccinated last year. That flu shot should be good for this year too..."
Fact Since the body's immune response to a flu vaccine declines over time, a yearly vaccine is the best protection. And, because flu viruses are always changing, the strains are renewed each year and are sometimes revised to keep up with changing flu viruses.
Myth "The shots don't really work. I got the vaccine and still got the flu..."
Fact The vaccine reduces the risk of contracting the flu by approximately 50 to 60 percent. Vaccine effectiveness is subject to such variables as:
 - amount of time between vaccination and exposure to the flu,
 - age and health status,
 - match between the virus strains in the vaccine and those in circulation.
Myth "It's too late to get vaccinated. Besides, I got one last year..."
Fact While the end of October and November are the recommended months for vaccination, getting vaccinated later in the season (December-March) can still protect you because flu season often peaks after January and can last as late as May.
Myth "All flu vaccines contain the preservative mercury..."
Fact The majority of single-dose vials and pre-filled syringes of flu shot and the nasal spray flu vaccine do not contain mercury because they are intended to be used only once.
Myth "It's not safe to get while I'm pregnant..."
Fact Since pregnant women changes to their body affect their immune system and heart, they are more susceptible to getting flu. CDC recommends that women receive a flu shot any trimester of their pregnancy to protect themselves and newborn babies from flu six months.
FLU VACCINE MYTHS & FACTS
 MyFluVaccine.com | (800) 843-7477

FFF Enterprises, Inc. is the nation's most trusted distributor of flu vaccines, plasma products, biosimilars and specialty pharmaceuticals. Our partners include all manufacturers of influenza vaccines, and we serve over 80 percent of U.S. hospitals and supply the nation's leading non-acute GPO members.

FFF Enterprises is committed to improving and stabilizing the supply of specialty pharmaceuticals through our **Guaranteed Channel Integrity™**, our commitment to purchase product directly from the manufacturer, and ship it only to a licensed healthcare professional.

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