

# H1N1 & SEASONAL INFLUENZA VACCINE ADMINISTRATION

## Recommended Number of Doses of Influenza Vaccine by Age

Age	H1N1	Seasonal Flu
6 months - 8 years	2	2 or 1*
9 years	2 or 1^	1
10 years and older	1	1

\* 1 dose recommended unless never received influenza vaccine or first and only dose given last season.

^ Providers may choose to give 1 dose for consistency with seasonal flu immunization recommendations.

## Intervals Between Doses of the Same Influenza Vaccine

Type of Flu Vaccine	Interval
H1N1 + H1N1	Approximately 4 weeks apart (≥21 days acceptable)~
Seasonal Flu + Seasonal Flu	

~ If the interval separating the doses is less than 21 days, a third dose should be repeated at least 21 days after the second dose. (An interval of ≥14 days is only acceptable between 2 doses of live H1N1 vaccine.)

## Interval Between Doses of Different Influenza Vaccines

H1N1	Seasonal Flu	Interval
Inactivated, Injectable	Inactivated, Injectable	May be given on same day or at any interval
Inactivated, Injectable	Live, Intranasal	
Live, Intranasal	Inactivated, Injectable	≥14 days acceptable†
Live, Intranasal	Live, Intranasal	

† If doses of both live influenza vaccines are inadvertently given on same day, do not need to repeat the doses. If doses of live influenza vaccines are given at an interval of less than 14 days, the vaccine more recently administered should be repeated at least 14 days after it was given prematurely.

## Mixing of Products in a 2-dose Series

Using products from different manufacturers, including one live and one inactivated dose, in a 2-dose series is acceptable when available inventory does not permit giving two doses of the same product.



## Intervals Between Doses of Other Vaccines and Influenza Vaccines

Type of Vaccine	Interval with Influenza Vaccine
Inactivated Vaccines	May be given at any time in relation to a dose of live or inactivated influenza vaccine.
Live, Injectable Vaccines (e.g., MMR, Varicella, Zoster, Yellow Fever)	May be given at any time in relation to a dose of any inactivated influenza vaccine. May be given either at the same time or at least 28 days before or after a dose of any live influenza vaccine.

## Approved Age Indications


Whenever possible, vaccines should be administered in accordance with FDA-approved age ranges. However, clinicians may consider use of inactivated 2009 H1N1 vaccines outside their labeled age range if vaccines licensed for a particular age are unavailable and the need is urgent. Use live vaccine for ages 2-49 years only. Liability coverage under the federal PREP Act for off-label use of H1N1 influenza vaccine is uncertain. Doses given outside the licensed age range typically do not need to be repeated.


## Vaccine Route and Volume


Inactivated: Intramuscular (IM) 		Live: Intranasal 	
Age	Volume	Age	Volume
6 - 35 months	0.25 ml	2 - 49 years	0.20 ml
≥3 years	0.50 ml	(each nostril – 0.10 ml)	

## WHAT COMBINATIONS ARE OKAY?

Can give at the same time







Do **NOT** give on the same visit

Wait at least 14 days between the different doses.

