

Seasonal Influenza Vaccination

Live-attenuated Influenza Vaccine and Inactivated Influenza Vaccine (Health Professionals)



	Live-attenuated Influenza Vaccine (LAIV)	Inactivated Influenza Vaccine (IIV)
Recommended Age	2 - 49 years	6 months or above
Route of Administration	Intranasal	Mostly intramuscular (some can be administered by subcutaneous injection)
Composition*	<ul style="list-style-type: none"> Quadrivalent Contains weakened live influenza virus 	<ul style="list-style-type: none"> Trivalent or Quadrivalent Does not contain live influenza virus
Dosing Schedule	Receive annually (preferably before winter influenza season) to offer protection for both winter and summer seasons <ul style="list-style-type: none"> Persons aged 9 years or above: Single dose Children below 9 years: <ul style="list-style-type: none"> Single dose for those who have received influenza vaccine before Two doses with an interval of at least 4 weeks are required for vaccine-naive children 	
Simultaneous Administration with Other Inactivated Vaccines (e.g. Hepatitis B vaccine) or Live Vaccines (e.g. MMR vaccine)	<ul style="list-style-type: none"> Other live vaccines: can only be administered on the same day or at least 4 weeks apart Other inactivated vaccines: no restriction, i.e. can be administered simultaneously or at any interval between doses 	<ul style="list-style-type: none"> Other live or inactivated vaccines: no restriction, i.e. can be given simultaneously or at any interval between doses If IIV and other vaccine are given at the same time, different vaccines should be given at different injection sites
Adverse Reactions	<ul style="list-style-type: none"> Nasal congestion or runny nose in all ages Fever in children Sore throat in adults 	<div>Local reactions:</div> <ul style="list-style-type: none"> Pain Redness Swelling <div>Non-specific symptoms:</div> <ul style="list-style-type: none"> Fever Chills Malaise Myalgia
Contraindications	<ul style="list-style-type: none"> History of severe allergic reaction to any vaccine component or a previous dose of any influenza vaccine Concomitant aspirin or salicylate-containing therapy in children and adolescents Children 2 years through 4 years who have asthma or who have had a history of wheezing in the past 12 months Children and adults who are immunocompromised due to any cause Close contacts and caregivers of severely immunosuppressed persons who require a protected environment Pregnancy Receipt of influenza antiviral medication within previous 48 hours 	History of severe allergic reaction to any vaccine component or a previous dose of any influenza vaccine

* Both LAIV and IIV are recommended for use in Hong Kong. For the 2020-21 season, all available SIV in Hong Kong are quadrivalent SIV.