

# Seasonal Influenza Vaccination



	Live-attenuated Influenza Vaccine (LAIV)	Recombinant Influenza Vaccine (RIV)	Inactivated Influenza Vaccine (IIV)
<b>Recommended Age</b>	2 - 49 years	18 years or above	6 months or above
<b>Route of Administration</b>	Intranasal	Intramuscular injection	Intramuscular injection (some can be administered by subcutaneous injection)
<b>Composition*</b>	<ul style="list-style-type: none"> <li>• Quadrivalent</li> <li>• Contains weakened live influenza virus</li> </ul>	<ul style="list-style-type: none"> <li>• Quadrivalent</li> <li>• Produced by recombinant technology</li> <li>• Does not require egg or influenza virus in the production process</li> </ul>	<ul style="list-style-type: none"> <li>• Quadrivalent</li> <li>• Does not contain live influenza virus</li> </ul>
<b>Dosing Schedule</b>	Receive annually (preferably before winter influenza season) to offer protection for both winter and summer seasons <ul style="list-style-type: none"> <li>• Persons aged 9 years or above: Single dose</li> <li>• Children below 9 years:               <ul style="list-style-type: none"> <li>◦ Single dose for those who have received seasonal influenza vaccine before</li> <li>◦ Two doses with an interval of at least 4 weeks are required for those who have not received seasonal influenza vaccine before</li> </ul> </li> </ul>		
<b>Simultaneous Administration with Other Live Vaccines (e.g. MMR vaccine) or Inactivated Vaccines (e.g. Hepatitis B vaccine) **</b>	<ul style="list-style-type: none"> <li>• Other live vaccines: can only be administered on the same day or at least 4 weeks apart</li> <li>• Other inactivated vaccines: no restriction, i.e. can be administered simultaneously or at any interval between doses</li> </ul>	<ul style="list-style-type: none"> <li>• Other live or inactivated vaccines: can be administered simultaneously or at any interval between doses</li> </ul>	<ul style="list-style-type: none"> <li>• Other live or inactivated vaccines: can be given simultaneously or at any interval between doses</li> </ul>
<b>Side Effects</b>	<ul style="list-style-type: none"> <li>• Nasal congestion or runny nose in all ages</li> <li>• Fever in children</li> <li>• Sore throat in adults</li> </ul>	<b>Local reactions:</b> <ul style="list-style-type: none"> <li>• Pain</li> <li>• Tenderness</li> </ul> <b>Non-specific symptoms:</b> <ul style="list-style-type: none"> <li>• Headache</li> <li>• Fatigue</li> <li>• Muscle pain</li> <li>• Joint pain</li> </ul>	<b>Local reactions:</b> <ul style="list-style-type: none"> <li>• Pain</li> <li>• Redness</li> <li>• Swelling</li> </ul> <b>Non-specific symptoms:</b> <ul style="list-style-type: none"> <li>• Fever</li> <li>• Tiredness</li> <li>• Muscle pain</li> </ul>
<b>Contraindications</b>	Please consult a doctor for advice. <ul style="list-style-type: none"> <li>• History of severe allergic reaction to any vaccine component or after previous dose of any influenza vaccine</li> <li>• Concomitant aspirin or salicylate-containing therapy in children and adolescents</li> <li>• Children 2 years through 4 years who have asthma or who have had a history of wheezing in the past 12 months</li> <li>• Children and adults who are immunocompromised due to any cause</li> <li>• Close contacts and caregivers of severely immunosuppressed persons who require a protected environment</li> <li>• Pregnancy</li> <li>• Receipt of influenza antiviral medication within previous 48 hours</li> </ul>	<ul style="list-style-type: none"> <li>• History of hypersensitivity to any vaccine component of the RIV</li> </ul>	<ul style="list-style-type: none"> <li>• History of severe allergic reaction to any vaccine component or a previous dose of any influenza vaccine</li> </ul>

\*IIV, RIV and LAIV are recommended for use in Hong Kong. For the 2021-22 season, all available seasonal influenza vaccines (SIV) in Hong Kong are quadrivalent SIV.

\*\*For the administration of SIV and COVID-19 vaccines (Comirnaty or CoronaVac), it is suggested to have an interval of at least 14 days between administration.

