

2018/19 Seasonal Influenza Vaccination–
Enhanced Vaccination Subsidy Scheme (VSS)
Outreach Vaccination

**Overview of the Enhanced Vaccination Subsidy
Scheme Outreach Vaccination**

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衛生署
Department of Health

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VSS Outreach Vaccination

- **All eligible groups** under VSS
- **Non-clinic setting** (e.g. community hall, district council office, etc.)
- To provide **second dose – optional**
- To provide **mop up** for persons who have missed the outreach vaccination – **optional**
- **HK\$210** for each dose of Seasonal Influenza Vaccine (SIV) given (including vaccine cost)
- **Can charge** extra service fee
- Collection of unused vaccine/ **clinical waste - arranged by VSS doctor**



1. Enhanced VSS Outreach Vaccination

Who are Eligible?

- In 2018/19, the Government launches the **Enhanced VSS Outreach Vaccination**
- School children (Hong Kong residents) of **primary schools, primary section of special schools, kindergartens, kindergarten-cum-child care centres** and **child care centres** are eligible for free vaccination at schools
- Free vaccination is limited to school children only, while **teachers, parents and siblings not studying in that school are not eligible**



1. Enhanced VSS Outreach Vaccination

What are the Subsidies?

- The Government will increase the subsidy to **HK\$250** for each dose (**including vaccine cost**)
- A **HK\$800 allowance** is provided to the participating doctor for clinical waste disposal per enhanced VSS outreach vaccination activity
- Participating doctors providing vaccination to school children at their schools **cannot impose any charge**



1. Enhanced VSS Outreach Vaccination-

What Vaccination Services will be Provided?

- Responsible doctors/ medical organisations will provide the **1st dose** vaccination AND **2nd dose** for children under age 9 who have never received Seasonal Influenza Vaccines (SIVs) before
- Responsible doctors/ medical organisations will NOT provide **mop up vaccination** at school for students who have missed either the 1st and/ or 2nd dose
- Students who are Hong Kong residents, if missed the vaccination at schools, **can get vaccination from any VSS doctors**, with a subsidy of HK\$210 each dose. Extra service fee may be charged



| | Enhanced VSS Outreach Vaccination (for schools) | Other VSS Outreach Vaccination |
|--|--|---|
| Eligible group | School children (Hong Kong residents) attending KG, CCC, KG-cum-CCC, primary school, or primary section of special school | All eligible groups under VSS |
| Setting | KG, CCC, KG-cum-CCC, primary School, or primary section of special school | Non-clinic setting (e.g. community hall, district council office, etc.) |
| Vaccine procurement | By VSS doctor | By VSS doctor |
| Vaccine delivery | By VSS doctor | By VSS doctor |
| Preparation (e.g. fix the date, venue, consent forms) | VSS doctor to liaise with the school | VSS doctor to liaise with the organisation |
| Administration of vaccination | Supervised by VSS doctor | Supervised by VSS doctor |
| Collection of unused vaccine/ clinical waste | Arranged by VSS doctor (with HK\$800 allowance) | Arranged by VSS doctor |
| To provide second dose | Yes and to be provided at school | Optional |
| Subsidy | HK\$250 for each dose of SIV given (including vaccine cost) | HK\$210 for each dose of SIV given (including vaccine cost) |
| Extra Service Fee | Not allowed | Allowable |
| To provide mop up for students who have missed the outreach vaccination | No, school children (HK residents) can get vaccination from VSS doctors, with subsidy of HKD\$210; (extra service fee allowed) | Optional |

2. Vaccines Recommended for 2018/19

- Both **trivalent** and **quadrivalent** inactivated influenza vaccines (IIVs) are recommended for use in Hong Kong in 2018/19
- Two types of seasonal influenza vaccines are currently registered in Hong Kong:
 - Inactivated influenza vaccines (IIVs) are available as trivalent and quadrivalent injectable vaccines
 - Live attenuated influenza vaccine (LAIV), registered in Hong Kong in April 2018, is a quadrivalent nasal vaccine
- Reference: Recommendations on Seasonal Influenza Vaccination for the 2018/19 Season in Hong Kong (as of April 27, 2018) of the Scientific Committee on Vaccine Preventable Diseases
(https://www.chp.gov.hk/files/pdf/scvpd_recommendations_on_siv_for_2018_19_season.pdf)



2. Vaccines Recommended for 2018/19-

Inactivated Influenza Vaccines (IIVs)

Indications

- Depending on individual brand, IIVs are recommended for use among people aged 6 months of age or above

Contraindications

- IIVs are contraindicated for those with a history of **severe hypersensitivity** to any of the vaccine components or a previous dose of influenza vaccination

Severe adverse events following immunization (AEFI)

- Influenza vaccination is rarely followed by
 - Guillain-Barré syndrome (1 to 2 cases per million vaccinees)
 - Severe allergic reaction (anaphylaxis) (9 in 10 million doses distributed)
- Influenza vaccination does not necessarily have causal relations to these adverse events



2. Vaccines Recommended for 2018/19-

Inactivated Influenza Vaccines (IIVs)

Precautions

- Individuals with **mild egg allergy** who are considering an influenza vaccination can be given SIVs in primary care setting
- Individuals with a history of **anaphylaxis to egg** should have SIV administered by health care professionals in appropriate medical facilities with capacity to recognize and manage severe allergic reactions
- Special precaution with individuals with **bleeding disorders** or **on anticoagulants**
- If an individual suffers from **fever** on the day of vaccination, the vaccination should be deferred till recovery



2. Vaccines Recommended for 2018/19-

Live Attenuated Influenza Vaccine (LAIV)

- When the vaccine strains closely match the circulating influenza viruses, efficacy of inactivated influenza vaccine (IIV) in individuals younger than 65 years of age typically range from 70% to 90%. For live attenuated influenza vaccine (LAIV), while overseas studies and clinical experience had generally indicated LAIV provides comparable protection against influenza to that afforded by IIV, a systemic review of studies from the 2010/11 - 2016/17 seasons conducted by the United States Centers for Disease Control and Prevention revealed that the effectiveness of LAIV against influenza A(H1N1)pdm09 was lower than IIV among children aged 2-17 years.* Data on effectiveness of the LAIV against influenza A(H1N1)pdm09 in the 2017/18 season in the United States was not available.

(*Morbidity and Mortality Weekly Report. 2018 Jun 8;67(22):643-645.)



2. Vaccines Recommended for 2018/19-

Live Attenuated Influenza Vaccine (LAIV)

- It can be used among **non-pregnant** and **non-immunocompromised** people aged 2 to 49 years of age
- If health care providers choose to use LAIV, **should consider the contraindications and precautions**
- Reference: Recommendations on Seasonal Influenza Vaccination for the 2018/19 Season in Hong Kong (as of April 27, 2018) of the Scientific Committee on Vaccine Preventable Diseases
(https://www.chp.gov.hk/files/pdf/scvpcd_recommendations_on_siv_for_2018_19_season.pdf)



2. Vaccines Recommended for 2018/19-

Live Attenuated Influenza Vaccine (LAIV)

Contraindications

- History of **severe allergic reaction** to any vaccine component or after previous dose of any influenza vaccine
- Concomitant **aspirin or salicylate-containing therapy** in children and adolescents
- Children aged 2 through 4 years who have -
 - received a diagnosis of **asthma** or
 - whose parents or caregivers report that a health care provider has told them during the preceding 12 months that their child had **wheezing or asthma** or
 - asthma or whose medical record indicates a **wheezing** episode has occurred during the **preceding 12 months**



2. Vaccines Recommended for 2018/19-

Live Attenuated Influenza Vaccine (LAIV)

Contraindication (cont'd)

- 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



2. Vaccines Recommended for 2018/19-

Live Attenuated Influenza Vaccine (LAIV)

Possible Side Effects

The most common adverse reactions following LAIV administration are:

- **Nasal congestion** or **runny nose** (in all ages)
- **Fever** (in children) and sore throat (in adults)
- Children aged below 5 years with recurrent wheezing/ persons of any age with asthma may be at **increased risk of wheezing** following administration

Administration with other vaccines

- Other **live** vaccines: on the **same day** or **at least 4 weeks apart**
- Other inactivated vaccines: simultaneously or at any interval



3. Roles and Responsibility of Enrolled Doctors-

Supervision

- The enrolled doctor is **overall responsible** for the vaccination activity
- **Supervise** the vaccination activity:
 - Exercise effective supervision over the trained personnel who cover his duty
 - Retain personal responsibility for treatment of patients/ vaccine recipients
- **The enrolled doctor is highly preferred to be present at the vaccination venue**, and should be personally and physically reachable in case of emergency



3. Roles and Responsibility of Enrolled Doctors-

Supervision

- Before administration, the recommendation, **expiry date**, **vaccine contraindications** and **precautions** should be checked to ascertain the need and suitability for vaccination
- Healthcare providers should follow the age-appropriate **dosage** and **route of administration** of individual vaccines in the respective package inserts



3. Roles and Responsibility of Enrolled Doctors-

Preparation for Health Emergencies

- Keep a **written protocol** for vaccination in non-clinic settings
- Provide personnel **trained** in emergency management (training should be up-to-date and under regular review)
- Ensure the equipment including **emergency kits** with Bag Valve Mask, adrenaline injection or EpiPen, and BP monitor are sufficient and not expired



4. PCD Enrolment and CME Requirement

- Starting from 2018/19 season, VSS/ RVP doctors have to be enrolled in the **Primary Care Directory** (PCD)
(Visit www.pcdirectory.gov.hk for information)
- To remain listed in the PCD, CME requirements have to be fulfilled
 - Specialists: included in Specialist Register;
 - Non-specialists: satisfying CME requirements
(CME certificate or qualified to quote the title “CME-certified”)





Thank you

