



2022/23

Vaccination Subsidy Scheme

**Overview of
Vaccination Subsidy Scheme (VSS) 2022/23**

June 2022



**衛生署
Department of Health**

Overview of Vaccination Subsidy Scheme (VSS) 2022/23

Outline

1. Vaccination Statistics in 2021/22
2. VSS arrangement in 2022/23
3. Roles and Responsibility of Enrolled Doctors
4. Vaccine Storage and Cold Chain
5. Preparation, Procedures and Vaccination Skills
6. After Vaccination
7. More Information

1. 2021/22 Vaccination Statistics

Number of doses of Seasonal Influenza Vaccination (SIV) administered to target groups of various vaccination programmes

Government Vaccination Programme (GVP)	Vaccination Subsidy Scheme (VSS)	School Outreach Vaccination (Free of charge)	Total number of doses administered in 2020/21	Compared to 2019/20
473 900	<u>481 900</u>	287 400	1 243 100	-6.1%

(as at 29 May 2022)

1. 2021/22 Vaccination Statistics

SIV coverage rate (As at 29 May 2022 in all vaccination programmes)

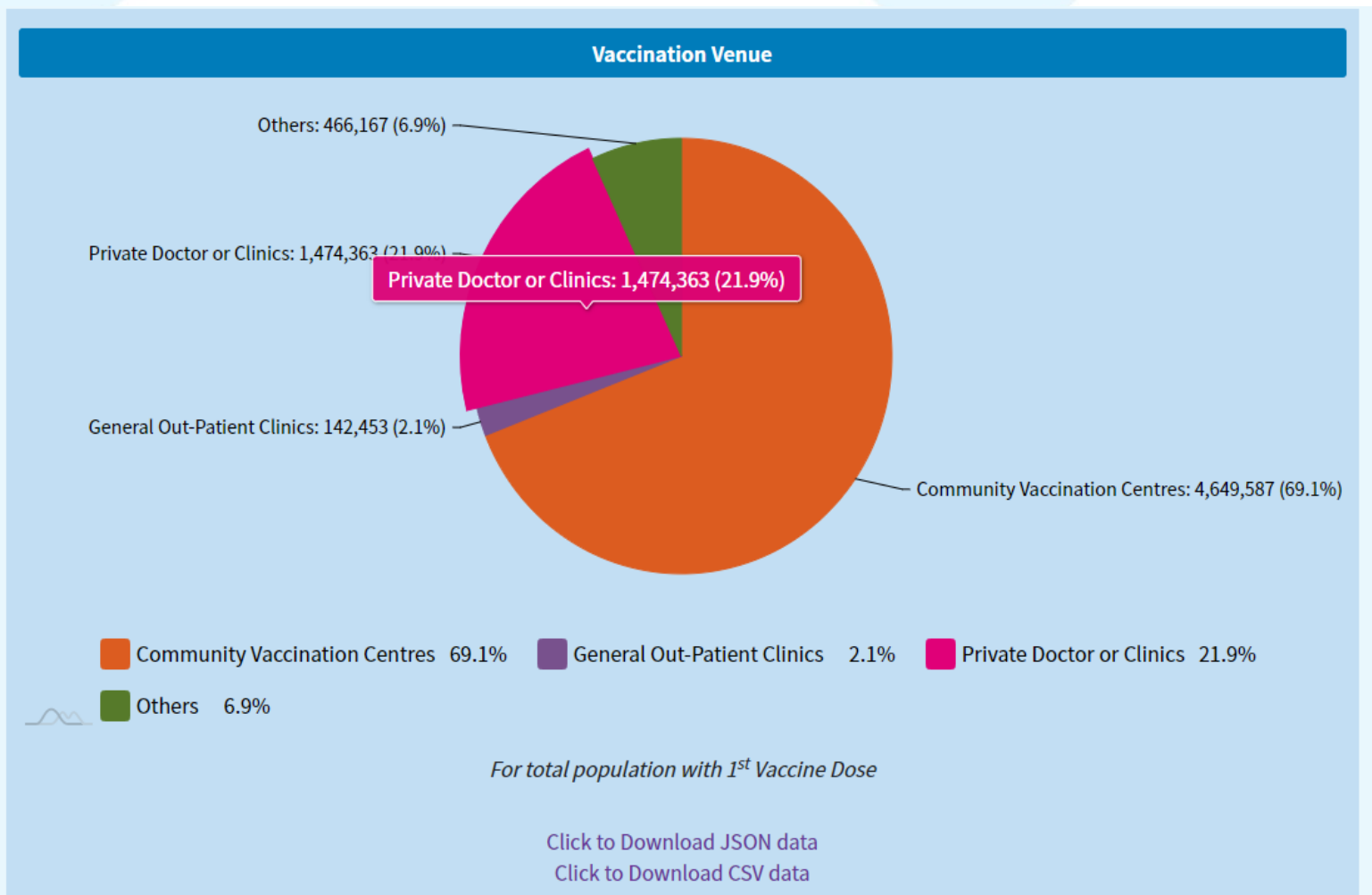
Age group	Coverage in 2019/20	Coverage in 2020/21	Coverage in 2021/22
65 years or above	45.8%	44.7%	40.3%
50 to 64 years	10.7%	12.3%	11.2%
6 months to less than 12 years	58.7%	50.3%	53.3%

23vPPV or PCV13 statistics under GVP and VSS (As at 27 Feb 2022)

Cumulative % of surviving elderly, among elderly population, who had received 23vPPV or PCV13 since 2009

46.7%

2021/22 Vaccination Statistics – COVID-19 vaccination



As at 19 June 2022

2. VSS arrangement in 2022/23 – SIV

<u>Eligible groups</u>	Checking eligibility (HK residents)
Persons aged 50 to 64 years	in that year
Elderly (aged 65 or above)	in that year
Children aged 6 months to under 12 years (or attending primary school)	Photocopy of student handbook or student card (for primary school students aged 12 or above)
Pregnant Women	Confirmed by the enrolled doctor
Persons with intellectual disability	One of the following document proof: <ul style="list-style-type: none"> • Registration Card for People with Disability (with indication of intellectual disability*) • Medical Certificate • Certificate issued from designated PID institutions *The term "mentally handicap" is also accepted
- Persons receiving disability allowance* - Recipients of standard rate of “100% disabled” or “requiring constant attendance” under Comprehensive Social Security Assistance (CSSA) Scheme of SWD ^	- *Approval letter for Disability Allowance issued by Social Welfare Department (SWD) - ^ “Certificate of CSSA Recipients (for Medical Waivers)” issued before 15 Dec 2018; or the new Annex page of “Notification of Successful Application” / “Notification of Revision of Assistance” AND sign a self-declaration form provided at VSS clinics

2. VSS arrangement in 2022/23 – SIV

VSS Clinics or VSS Outreach Vaccination

- Subsidy level: **HK\$260** each dose
- Enrolled doctors may charge extra fee

VSS School Outreach (Extra charge allowed)

- Subsidy level: **HK\$260** each dose
- Eligible: **School children** (regardless of HK resident status) of participating primary schools (including primary section of special schools, kindergartens, kindergarten-cum-child care centres, child care centres)
- **School staff/ family members** of students can also join the activity, those ineligible under VSS can be vaccinated at their own costs

2. VSS arrangement in 2022/23 – Pneumococcal Vaccination

Subsidy level

- 23-valent pneumococcal polysaccharide vaccine (23vPPV) - **HK\$400** per dose
- 13-valent pneumococcal conjugate vaccine (PCV13) - **HK\$800** per dose
- Enrolled doctors may charge extra fee

Type of pneumococcal vaccine to provide

	Has not received any pneumococcal vaccination	Has received 23vPPV	Has received PCV13	Has received both PCV13 and 23vPPV
<u>Without</u> high-risk conditions	One dose 23vPPV	Not needed	Not needed	Not needed
<u>With</u> high-risk conditions	One dose PCV13 One dose 23vPPV one year after	One dose PCV13 (one year after the previous 23vPPV)	One dose 23vPPV (one year after the previous PCV13)	

2. VSS arrangement in 2022/23 – Pneumococcal Vaccination

List of high-risk conditions of severe invasive pneumococcal diseases

- History of invasive pneumococcal disease;
- Immunocompromised states:
 - ◆ Asplenia, HIV /AIDS , primary immunodeficiency
 - ◆ Immunodeficiencies related to malignancies and transplantation
 - ◆ Immunodeficiencies related to use of immunosuppressive drugs / systemic steroid
- Chronic disease
 - ◆ Chronic cardiac, pulmonary, liver or renal disease
 - ◆ Diabetes mellitus or Cerebrospinal fluid leakage
- With cochlear implants

Under VSS, elderly with chronic metabolic diseases, obesity (BMI 30 or above), chronic neurological conditions that can compromise respiratory functions, the handling of respiratory secretions, increase the risk for aspiration or those who lack the ability to take care of themselves are eligible for subsidised pneumococcal vaccination

2. VSS arrangement in 2022/23 – COVID-19 vaccines (Sinovac)

VSS Clinics or VSS Outreach Vaccination

- Eligible groups: **Hong Kong or non-Hong Kong residents**
- Subsidy level: **HK\$100/** dose for persons < 60 years old; **HK\$150/** dose for persons > or = 60 years old, by calendar year
- Enrolled doctors **should not charge extra fee**
- Online training offered by the Hong Kong Academy of Medicine:
<https://elearn.hkam.org.hk/en>
- **Order vaccines** from online platform
(<https://www.covid19vaccineordering.hk/>)
- **Preventing COVID-19 Vaccine-strain Environmental Contamination**
(https://www.covidvaccine.gov.hk/pdf/Preventing_COVID-19_Vaccine-strain_Environmental_Contamination.pdf)

2. VSS arrangement in 2022/23 – COVID-19 vaccines (Sinovac)

Sinovac Vaccination Fact Sheet

VSS Clinics or VSS Outreach Vaccination

- Sinovac vaccination **fact sheet**
- Informed consent
- Statement of Purpose of Collection of Personal Data
- Reporting of cases requiring on-site transfer to hospital via ambulance

2 What you need to know before you receive CoronaVac¹

CoronaVac should not be given to persons with the following conditions

If you have the following condition(s), please ✓ in the appropriate <input type="checkbox"/> and inform the on-site health care professionals.	I have the following condition(s):
<ul style="list-style-type: none"> ▪ History of allergic reaction to CoronaVac or other inactivated vaccine, or any component of CoronaVac (active* or inactive* ingredients, or any material used in manufacturing process); 	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Previous severe allergic reactions to the vaccine (eg, acute anaphylaxis, angioedema, dyspnea, etc.); 	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Severe neurological conditions (eg, transverse myelitis, Guillain-Barré syndrome, demyelinating diseases, etc.); 	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Uncontrolled severe chronic diseases; (Note: Common chronic diseases include diabetes, hypertension and coronary heart disease, etc. If your chronic disease is stable, you should receive the vaccine for protection because chronically-ill persons have a higher risk of serious illness or death from COVID-19 infection. If you are unsure about your condition, or if there is a recent change in your disease/ recent adjustment of drugs/ recent need for referral, etc, please discuss with your family doctor or attending doctor the appropriate time for vaccination.) 	<input type="checkbox"/>
<ul style="list-style-type: none"> ▪ Pregnant or lactating women. 	<input type="checkbox"/>

3. Roles and Responsibility of Enrolled Doctors

Enroll (or continue enroll) in VSS

- Continuing Medical Education (CME) / Primary Care Directory **(PCD) requirement** waived for 6 months (11 Feb to 10 Aug 2022)
- Enrolled doctors must **maintain listing** in the PCD for continue enrolment in VSS in the coming 2022/23 season

Role and responsibility

- **Train and supervise** the staff providing the vaccination service
- **Retain personal responsibility** for treatment of patients/ vaccine recipients
- VSS doctors are overall responsible to ensure **safety and quality** of vaccination service

3. Roles and Responsibility of Enrolled Doctors

Preparation of vaccines and equipment

- Place order for vaccines **early, with pharmaceutical manufacturer/supplier** (SIV/ 23vPPV, PCV13)
- Proper **vaccine storage** and maintain cold chain
- **Screen for contraindication** and check vaccination history
- Perform health assessment to confirm high-risk condition for **PCV13** vaccination
- **VSS Doctors' Guides**
 - (SIV/ 23vPPV, PCV13) (<https://www.chp.gov.hk/en/features/45838.html>)
 - COVID-19 vaccination (<https://www.covidvaccine.gov.hk/en/professional>)
- **Recommendation from Scientific Committee** on Vaccine Preventable Diseases (<https://www.chp.gov.hk/en/static/24008.html>)

4. Vaccine storage and cold chain

Prevent cold chain breakage

- The optimal cold chain temperature for the majority of commonly recommended vaccines is **+2°C to +8°C**.
- **Monitor vaccine** using a temperature data logger or a digital maximum-minimum thermometer
- Purpose-built vaccine refrigerators (**PBVR**) are preferred for vaccine storage
- **All enrolled doctors have to use PBVR for vaccine storage by 2023/24**

Details are in the VSS Doctors' Guide (<https://www.chp.gov.hk/en/features/45838.html>)

4. Vaccine storage and cold chain

Domestic frost-free refrigerator can be used with precautions if PBVR is not available.

Example of **precautions:**

- ◆ water bottles in the floor, drawers and door of the fridge to stabilize the temperature
- ◆ Check spot, maximum and minimum temperature 3 times daily



Water bottles on unit floor



Water bottles in unit door

Details are in the VSS Doctors' Guide (<https://www.chp.gov.hk/en/features/45838.html>)

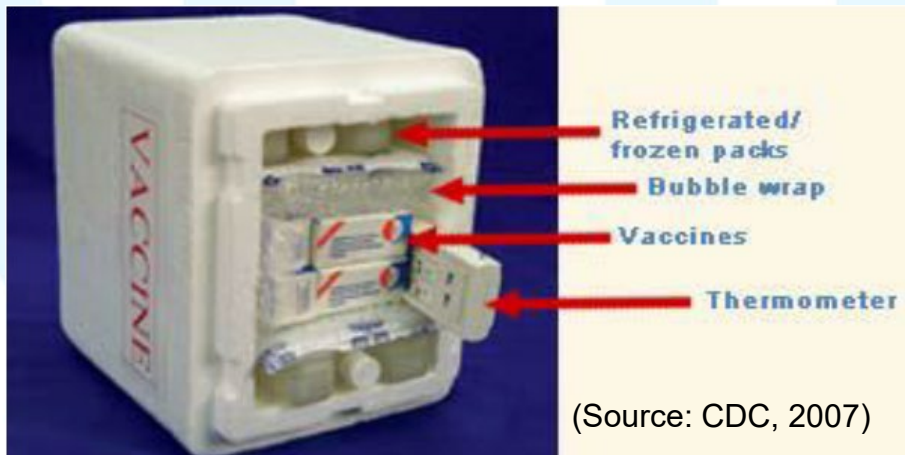
4. Vaccine storage and cold chain

Use of cold boxes at non-clinic setting

- Sufficient ice packs to **meet the needs** of vaccination activity and transport
- Adequate insulating materials between ice packs and vaccines to **prevent freezing of vaccines**
- **Monitor vaccine temperature** during transport to and from the venue

Details are in the VSS Doctors' Guide (<https://www.chp.gov.hk/en/features/45838.html>)

Packing Cold Box



Example of maximum-minimum thermometer (reference only)



4. Vaccine storage and cold chain

Actions to take in case vaccines are exposed to out-of-range temperatures

- Label **“Do Not Use”** on them and **store properly in cold chain**
- **Consult vaccine manufacturer** whether the vaccines are still effective / usable
- Inform Programme Management and Vaccination Division (PMVD) if
 - ◆ **VSS recipients are involved, and**
 - ◆ Manufacturer replied that the affected vaccines are not effective / usable
- **Follow up with the recipients** administered with the vaccines and assess the need for re-vaccination

Details are in the VSS Doctors' Guide (<https://www.chp.gov.hk/en/features/45838.html>)

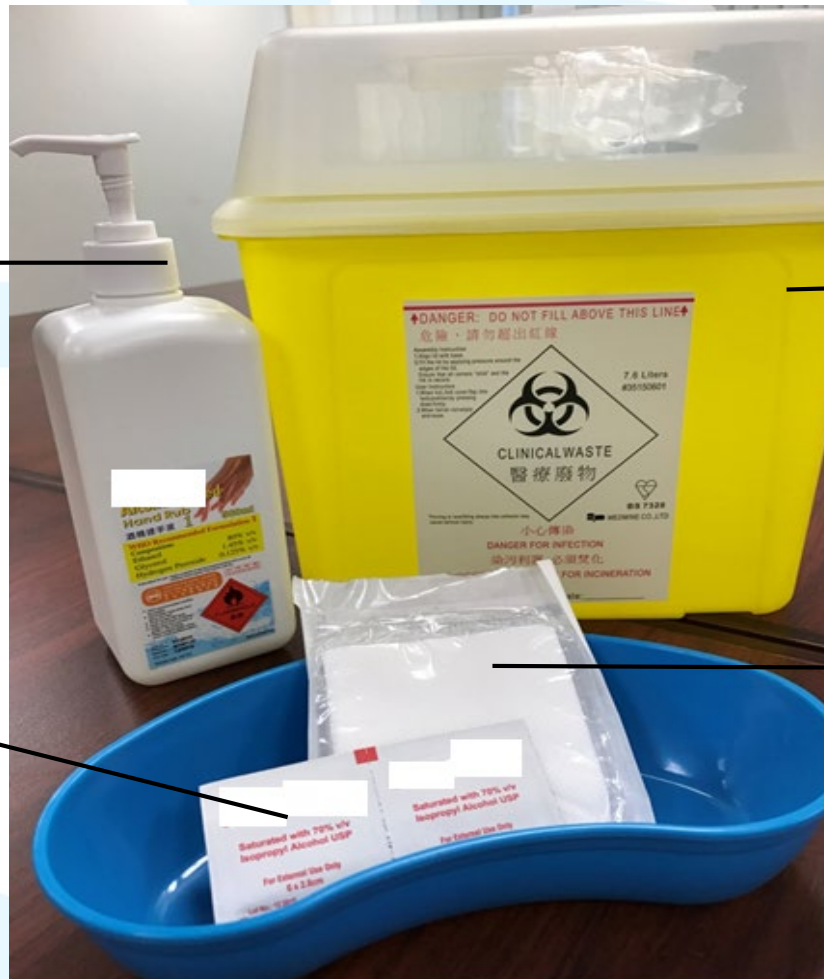
5. Preparation, Procedures and Vaccination Skills

Vaccination equipment/ consumables

- **Ensure they are not expired**

70-80 %
Alcohol-
based
Handrub

Alcohol
Preps



Sharps
Box

Dry
clean
Gauze

5. Preparation, Procedures and Vaccination Skills

Prepare for emergency situations

- Qualified personnel to standby to provide **timely intervention**
- Ensure all emergency **equipment** (e.g. Bag Valve Mask, BP monitor) is **sufficient and age-appropriate**, and emergency **drugs** (e.g. adrenaline auto injector (3x) or adrenaline ampoule (3x) + **1 ml Syringe** (3x)) are **not expired**
- Keep written protocol and training materials for reference



Written protocol for emergency management

5. Preparation, Procedures and Vaccination Skills



2021/22 Vaccination Subsidy Scheme Doctors' Guide

[Home](#) > [Feature Topic](#) > [Vaccination Schemes](#) > 2021/22 Vaccination Subsidy Scheme Doctors' Guide

2021/22 Vaccination Subsidy Scheme Doctors' Guide

8 September 2021

[Cover and Table of Content](#)

[Disclaimer](#)

[List of Acronyms](#)

[Quick Guide](#)

[Chapter 1 - Vaccines covered, subsidy level and eligible groups under VSS](#)

[Chapter 2 - Participating in VSS](#)

[Chapter 3 - VSS at Non-clinic Settings](#)

[Chapter 4 - Forms and Documents](#)

[Chapter 5 - References and List of Appendices](#)

[Chapter 6 - Requirements on Vaccine Storage and Handling under VSS](#)

[Appendix A: "Consent to Use Vaccination Subsidy" Form and Types of Identity Documents Accepted under Vaccination Subsidy Scheme](#)

[Appendix B: Diagnostic Criteria of Intellectual Disability](#)

[Appendix C: Persons with Intellectual Disability \(PID\) Status](#)

[Appendix D: Documentary Proof for Persons receiving Disability Allowance / standard rate of "100% disabled" or "requiring constant attendance" under the Comprehensive Social Security Assistance \("CSSA"\) Scheme of the Social Welfare Department](#)

[Appendix E: Post-payment Checking](#)

[Appendix F: Monitoring and Management of Adverse Events Following Vaccination](#)

[Appendix G: Guideline for Temporary Storage of Clinical Wastes Generated in Outreach Vaccination Activities \(Provided by the Environmental Protection Department\)](#)

The screenshot shows the official website for the COVID-19 Vaccination Programme in Hong Kong. At the top, it features the Government of the Hong Kong Special Administrative Region logo and navigation links in multiple languages including English, Chinese, Hindi, Nepali, Urdu, Thai, Bahasa Indonesia, Tagalog, and Vietnamese. The main banner is titled "全城起動 快打疫苗" (City-wide Start, Fast Vaccination) and includes the slogan "點只打針超簡單" (Getting a shot is super easy). Below the banner are several key service highlights: "疫苗到戶接種" (Home vaccination), "各區疫苗接種活動" (Vaccination activities in various districts), "接種疫苗能有效預防2019冠狀病毒病的死亡個案 - 最新數據" (Vaccination effectively prevents COVID-19 deaths - latest data), "曾在外地接種疫苗人士" (People vaccinated abroad), "提供科興疫苗接種的私家醫生及診所" (Private doctors and clinics providing AstraZeneca vaccines), and "提供復必泰疫苗接種的私家醫生及診所" (Private doctors and clinics providing Pfizer vaccines). A navigation menu includes: 預約接種 (Appointment), 預約狀況 (Appointment status), 搜尋接種地點 (Search vaccination sites), 有關疫苗 (About vaccines), 有關計劃 (About the program), 常見問題 (FAQ), 最新消息 (Latest news), 疫苗接種紀錄 (Vaccination records), and 專家意見 (Expert opinions). The "醫護專業" (Professional) section provides a "指引" (Guidance) for healthcare professionals, listing documents such as the COVID-19 vaccine guidance for common diseases (April 2022), guidelines for chronic disease patients, and information on vaccination in medical settings. It also lists "給醫生/醫護人員的信" (Messages to doctors/healthcare professionals) regarding private doctor participation, reporting adverse events, and the importance of vaccination for the elderly. A "說明書" (Leaflet) section lists vaccine types like COMIRNATY and Verocel. A "疫苗資助計劃" (Vaccine subsidy program) section details the terms and conditions for participating clinics.

<https://www.chp.gov.hk/en/features/45838.html>

<https://www.covidvaccine.gov.hk/zh-HK/professional>



5. Preparation, Procedures and Vaccination Skills

Infection control

- 70-80% alcohol-based hand rub for **hand hygiene**
- New alcohol prep/ swab for skin disinfection
- **New** alcohol swab or clean gauze for post vaccination compression of injection site
- Additional measures for **LAIV**
- Preventive measures for **COVID-19**
 - Social Distancing
 - Face mask
 - Temperature checking
 - Disinfection of environment and working area



<https://www.youtube.com/watch?v=YGSbWriRI6U&feature=youtu.be>

5. Preparation, Procedures and Vaccination Skills

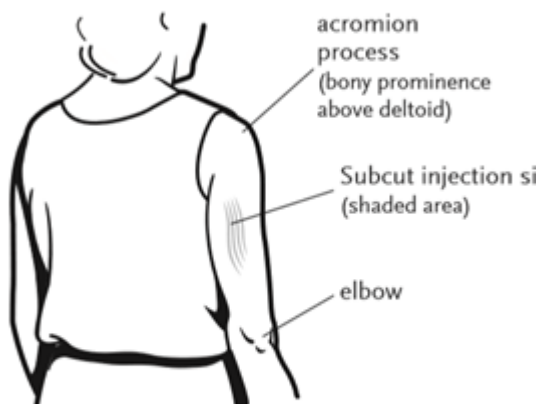
3 checks and 7 rights before vaccination

- **3 Checks:**
 - ◆ Check when taking out vaccine from storage
 - ◆ Check before preparing the vaccine
 - ◆ Check before administering the vaccine
- **7 Rights:**
 - ◆ Right recipient
 - ◆ Right vaccine
 - ◆ Right dosage
 - ◆ Right time (e.g. correct age, correct interval, **vaccine not expired**)
 - ◆ Right site
 - ◆ Right route, needle length and technique
 - ◆ Right documentation

5. Preparation, Procedures and Vaccination Skills

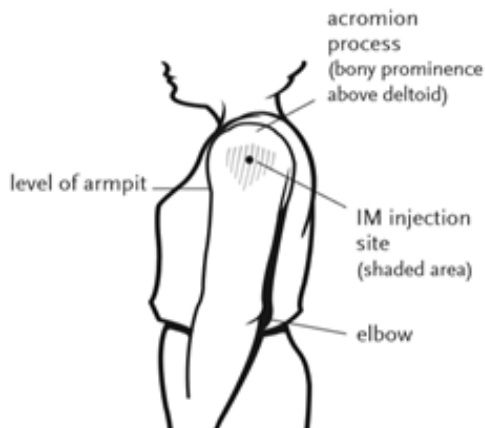
Vaccination skills

Fatty tissue over triceps



Insert needle at a 45° angle into the fatty tissue overlying the triceps muscle. Make sure you pinch up on the subcutaneous tissue to prevent injection into the muscle.

Deltoid muscle of arm



Give in the central and thickest portion of the deltoid muscle – above the level of the armpit and approximately 2–3 fingerbreadths (~2") below the acromion process. See the diagram. To avoid causing an injury, do not inject too high (near the acromion process) or too low.

Anterolateral thigh muscle



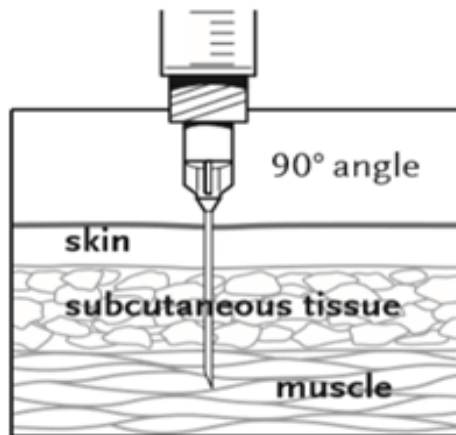
Insert needle at a 90° angle into the anterolateral thigh muscle.

Source: Immunization Action Coalition (IAC), U.S.A.

5. Preparation, Procedures and Vaccination Skills

Vaccination skills

Intramuscular (IM) injection



Intranasal injection



Source: Immunization Action Coalition (IAC), U.S.A.

5. Preparation, Procedures and Vaccination Skills

Prevention of sharps injuries

- **Avoid recapping** needles
- Discard used sharps **directly after use** and dispose them into a robust sharps box
- Place the sharps box **within arm's reach**
- Seal and replace sharps container when **three-quarters full**

Proper disposal of clinical waste

- Clinical waste should be properly handled and disposed in accordance to EPD's Waste Disposal (Clinical Waste) (General) Regulation.

6. After Vaccination

Documentations

- **Vaccination record/ clinic log** for record tracing or checking
- **Recipients' self-held vaccination card**
- **eHealth System (Subsidies) [eHS(S)]**

Advise on arrangement of second dose of SIV

- For children aged below 9 years and have never received seasonal influenza

Advise on arrangement of next dose of pneumococcal vaccination, COVID-19 Vaccination

6. After Vaccination

After vaccination, observation for 15 minutes

Adverse event following immunisation (AEFI)

- report any suspected AEFI to the Pharmacovigilance Unit of the Drug Office, Department of Health.
https://www.drugoffice.gov.hk/eps/do/en/healthcare_providers/adr_reporting/index.html

Emergency management

- Standby for emergency management
- Provide emergency treatment
- Call ambulance and refer to hospitals as necessary

Management of clinical incident

The screenshot shows the Drug Office website interface. The header includes the Drug Office logo and navigation links. The main content area is titled "Adverse Drug Reactions (Reporting)" and contains the following text:

As part of the post-market drug surveillance activities, the Drug Office of the Department of Health collects adverse drug reaction reports of pharmaceutical products for use in Hong Kong from healthcare professionals and conducts causality assessment to assist subsequent formulation of risk management strategies when necessary.

Healthcare professionals including doctors, Chinese medicine practitioners, dentists, pharmacists and nurses are encouraged to report suspected adverse drug reaction of their patients voluntarily. For further enquires, please contact the Adverse Drug Reaction and Adverse Event Following Immunization Unit of Drug Office at 2319 2920.

COVID-19 Vaccine[#] Adverse Event Reporting

- [Guidance for Healthcare Professionals - Reporting of Adverse Event Following Immunization of COVID-19 Vaccine](#)
[For Pharmaceutical Industry, please click [here](#)]
- [Click here to read the presentation slides of Reporting of Adverse Event Following Immunization \(AEFI\) of COVID-19 Vaccine](#)
- [Lists of adverse events following immunization \(AEFI\) and adverse events of special interests \(AESI\) for COVID-19 vaccines](#)

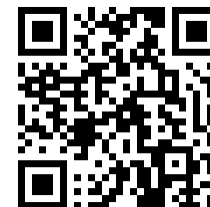
[COVID-19 Vaccine Adverse Event Online Reporting \(For Healthcare Professionals\) \(English Only\)](#)

Non COVID-19 Vaccine ADR Reporting

- [Guidance for Healthcare Professionals](#)
 - For Pharmaceutical Industry, please click [here](#)
 - For suspected Chinese medicine poisoning cases that require investigation, please use the form, which can be downloaded at <http://www.chp.gov.hk/files/pdf/hpf-form3-en-20140219.pdf>
- [Adverse Drug Reactions \(ADR\) Report Form \(Non COVID-19 Vaccine\)](#)

7. More Information

- CHP website – webpage on “Vaccination Schemes”
<https://www.chp.gov.hk/en/features/17980.html>
- COVID-19 Vaccination Programme at clinics under VSS
<https://www.covidvaccine.gov.hk/en/professional>
- CHP website – **videos on procedures/ cold chain**
<https://www.chp.gov.hk/tc/features/102010.html>



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網站 : <https://www.chp.gov.hk/en/features/45849.html>

Website



Thank You