

Residential Care Home Vaccination Programme (RVP) 2019/20

Overview of RVP and Introduction of one-off mop-up
programme for measles vaccination under RVP 2019/20

October 2019



衛生署
Department of Health

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Overview of RVP 2019/20

- RVP will commence on **23 October 2019**
 - Seasonal influenza vaccination (SIV)
 - Pneumococcal vaccination (PV)
 - 23-valent pneumococcal polysaccharide vaccine (23vPPV)
 - 13-valent pneumococcal conjugate vaccine (PCV13)
 - ◆ **All-year-round**
 - Measles, mumps and rubella (MMR) vaccination

New

Overview of RVP 2019/20

Type of institution	Eligible groups	Types of vaccines to be vaccinated		
		SIV	PCV13 & 23vPPV	MMR
RCHE	Residents in RCHE*	✓	✓	✗
	Staff in RCHE*	✓	✗	✗
RCHD	Residents / boarders in RCHD*	✓	✓ (For residents aged 65 or above ONLY)	✗
	Staff in RCHD*	✓	✗	✓
Designated Institutions (DIs) serving PIDs	Non-institutionalised PID receiving service in DIs#	✓	✗	✗
	Staff working in DIs	✗	✗	✗
RCCC	Residents in RCCC (children aged six months to 11 years)	✓	✗	✗
	Staff in RCCC	✓	✗	✓

New

New

* Does not include day care centre users or staff

Does not include non-PID users

New Initiatives under RVP 2019/20

1

Expansion of Seasonal Influenza Vaccine coverage to Residential Child Care Centres (RCCCs)

2

One-off mop-up programme of measles vaccination for healthcare workers of Residential Care Homes for Persons with Disability (RCHDs) and RCCCs

New Administrative Arrangements under RVP 2019/20

	RCH	VMO
1. Processing of vaccination consent list	Submit completed consent forms to VMO	Create and submit Vaccination Consent List in <i>encrypted Excel format</i> to VD via email
2. Vaccination records checking on eHS(S)		Download First Report and Final Report on eHS(S) for checking vaccination records **Input the <u>vaccination date</u> and <u>create claims</u> (in batch) on eHS(S)**
3. Vaccine ordering	Confirm with VD about the arrangement of vaccine delivery	According to First Report , submit vaccine order form to VD via fax
4. Vaccination materials	Provide assistance if necessary	1. Prepared by VMO (e.g. sharps box) 2. Bring along Final Report & Consent Forms to RCH on vaccination day
5. Clinical waste collection	Provide assistance if necessary	Arranged by VMO (can coordinate with RCH for assistance)
6. Claims submission		Confirm claims on eHS(S)

Introduction of one-off mop-up programme for measles vaccination under RVP 2019/20

Measles

- Caused by the measles virus
- Transmission:
 - spreads through the air, by droplet or direct contact with nasal or throat secretions from infected persons, and less commonly, by articles soiled with nose and throat secretions.
- Affected persons will present initially with tiredness, fever, cough, red eyes and white spots inside the mouth; followed by a red blotchy skin rash 3 to 7 days later, which usually spreads from the face down to the rest of the body.

Measles

- In severe cases, middle ear, lungs and brain can get involved and lead to serious consequences or even death.
- Measles infection in pregnancy can result in adverse pregnancy outcomes, including pregnancy loss, preterm birth and low birth weight.

Recommendations

- According to the Scientific Committee for Vaccine Preventable Diseases (SCVPD), healthcare workers (HCWs) should be immune to measles, by either vaccination or medical evaluation.
- HCWs working in RCHDs and RCCCs are one of the targeted population for the one-off mop-up programme for measles vaccination, given their close contact to children and persons with disability who are vulnerable groups for measles infection and serious complication.

Vaccination against measles is the most effective preventive measure

New

One-off mop-up programme of measles vaccination for HCWs of RCHDs and RCCCs

The “Measles, Mumps and Rubella Vaccines” (MMR vaccine)

- The **one-off** measles vaccination mop-up programme aims to provide free MMR vaccination to eligible **healthcare workers** (HCWs) in:
 1. **Residential Care Homes for Persons with Disability (RCHDs),**
and
 2. **Residential Child Care Centres (RCCCs).**
- DH would supply and deliver the MMR vaccines together with syringes (1cc, 3cc) and needles required for vaccination to the RCHDs / RCCCs.

One-off mop-up programme of measles vaccination for HCWs of RCHDs and RCCCs

Eligibility of Receiving Measles Vaccination

Healthcare workers of RCHDs and RCCCs **born in 1967 or after** and fulfil **all the following three criteria** are eligible to receive **two doses*** of MMR vaccine under RVP 2019/20.

1. Do not have laboratory evidence of immunity (i.e. no laboratory test ever done or tested negative/indeterminate for measles immunoglobulin G);
2. Do not have laboratory confirmed measles infection in the past; AND
3. Have never been vaccinated with two doses of measles-containing vaccine or have unknown vaccination status.

**Only one dose of MMR vaccine is required for those who have already received one dose of measles vaccination in the past.*

MMR Vaccination

MMR Vaccine

- The main measles-containing vaccine provided in Hong Kong, and it can effectively prevent three infectious diseases, namely measles, mumps and rubella
- It is a live attenuated vaccine
- HCWs who are non-immune to measles should receive two doses of MMR vaccine, separated by an interval of at least four weeks
- MMR vaccine can be given at the same time with other live vaccines or separated by an interval of at least four weeks

The MMR vaccine used in the Mop-up Programme were procured by the Government of the HKSAR from one of the suppliers of registered MMR vaccines in Hong Kong, Merck Sharp & Dohme (Asia) Ltd (MSD). As this batch of vaccines was originally not intended for supply to Hong Kong, the packing is only labelled in Spanish. Nonetheless, they were manufactured by the same manufacturer with the same master formula (including gelatin originated from porcine skin collagen as one of the inactive ingredients) and finished product specifications as the MMR vaccine registered in Hong Kong by MSD.

MMR Vaccination

The following individuals should NOT receive MMR vaccine or should wait

- a) Pregnancy: Women should avoid pregnancy for three months after vaccination and take appropriate contraceptive measure**
- b) Serious allergic reaction to a previous dose of MMR vaccine
- c) Known history of severe allergy to any vaccine component (e.g. gelatin or neomycin)
- d) Individuals with severe immunosuppression from diseases or treatment (e.g. on current cancer treatment such as chemotherapy and radiotherapy, taking immunosuppressive medicines such as high dose corticosteroid, etc.)

MMR Vaccination

The following individuals should NOT receive MMR vaccine or should wait

- e) Has received immunoglobulin or other blood products (e.g. blood transfusion) within the past 11 months
- f) Has received other live-attenuated vaccines in the past four weeks
- g) Fever or any illnesses on the day of vaccination
- h) Person with severe allergic reaction (e.g. anaphylaxis) to eggs should consult a healthcare professional for vaccination in an appropriate setting

MMR Vaccination

Side effects

- Possible reactions after MMR vaccination (e.g. fever, rash, etc,) are in general mild and transient.
- There is a 1 in 3 million chance of developing encephalitis or meningitis after receiving MMR vaccine, but this **does not** usually have long-lasting adverse effects after recovery.

Information of MMR vaccine

Information of MMR vaccine

- The packaging of MMR vaccine is labelled with Spanish instructions for use with diluent in vial instead of prefilled syringe.
- English instructions for use per pack of MMR vaccines will be provided.
- Please refer to the instructions on reconstitution prior to preparation and vaccination.

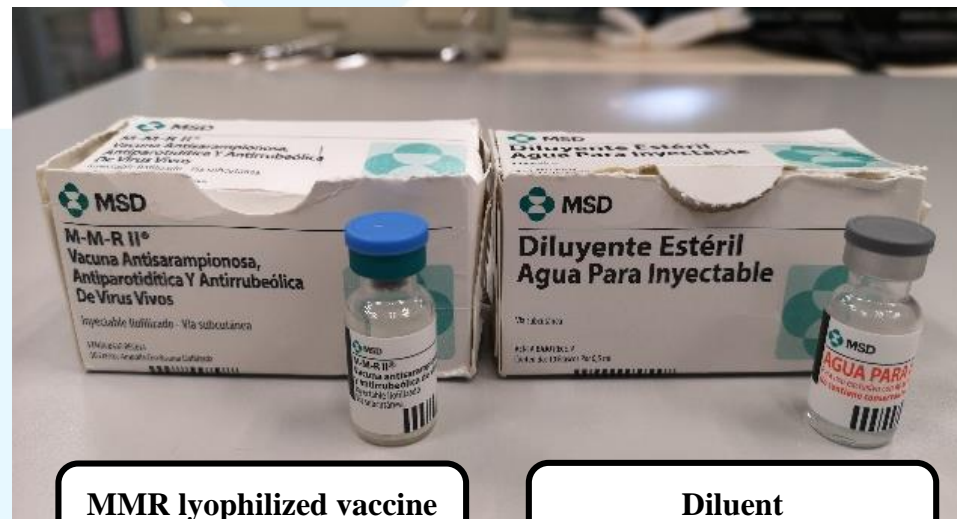


Packaging of
MMR lyophilized vaccine



Packaging of Diluent

Information of MMR vaccines



MMR lyophilized vaccine
(Blue cap)

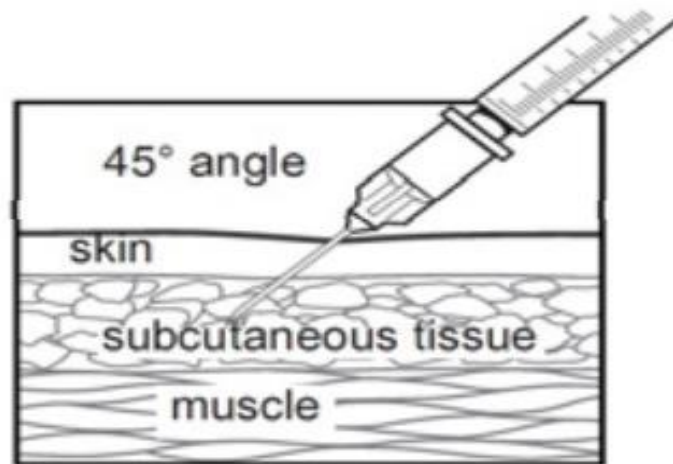
Diluent
(Grey cap)

Each carton contains:

- 10 single-dose of MMR lyophilized vaccine &
- 10 single-dose of diluent-containing vials

Information of MMR vaccines

- **Dosage:** 0.5ml for any age
- **Route of administration:**
Subcutaneous injection only
(preferably into the outer aspect of the upper arm)



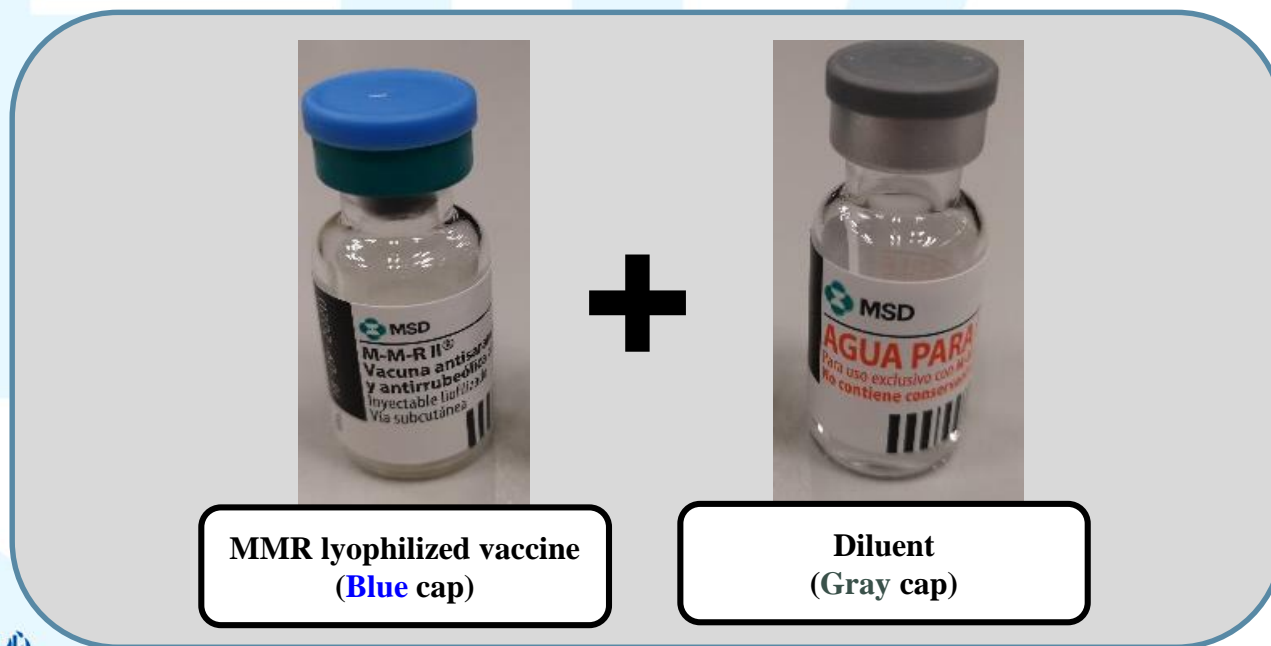
For more details on vaccination and injection techniques, please refer to Section 3.4 of the Hong Kong Reference Framework for Preventive Care for Children in Primary Care Settings - Module on Immunisation.

(http://www.pco.gov.hk/english/resource/files/Module_on_Immunisation_Children.pdf)

Procedural steps for reconstitution of MMR vaccine

Procedural steps for reconstitution of MMR vaccine

1. Perform hand hygiene before handling of MMR vaccines.
2. Take out one lyophilized vaccine vial and one diluent vial from respective carton.



Procedural steps for reconstitution of MMR vaccine

3. Remove the plastic cap (gray color) of the diluent vial.
4. Use a 3ml syringe to **withdraw the entire volume of diluent** in the vial for reconstitution.



Diluent
(Gray cap)

Only clean the rubber bung with alcohol prep **if indicated** (e.g. contamination) and should wait until dry before use



Please use the 3ml syringe supplied by DH

Procedural steps for reconstitution of MMR vaccine

5. Remove the plastic cap (blue color) of the lyophilized vaccine vial.
6. **Inject all the diluent in the syringe into the vial of lyophilized vaccine.**
7. Discard the used 3 ml syringe into the sharps box.



MMR lyophilized vaccine
(Blue cap)



Only clean the rubber bung with alcohol prep **if indicated** (e.g. contamination) and should wait until dry before use

Procedural steps for reconstitution of MMR vaccine

8. Swirl the lyophilized vaccine vial to thoroughly dissolved the entire content as a clear yellow solution.

(If the lyophilized vaccine cannot be dissolved, discard)



Swirling the lyophilized vaccine vial

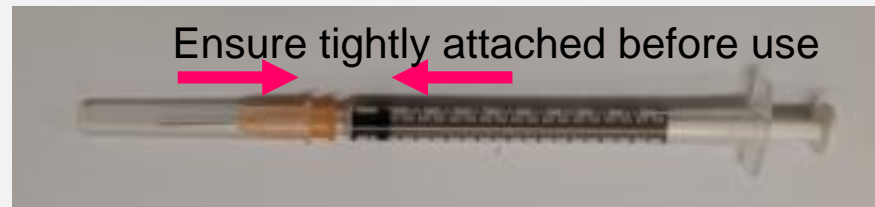


Ensure the reconstituted vaccine:

- ✓ is completely dissolved
- ✓ is a clear yellow solution
- ✓ has no particulate
- ✓ has no discoloration

Procedural steps for reconstitution of MMR vaccine

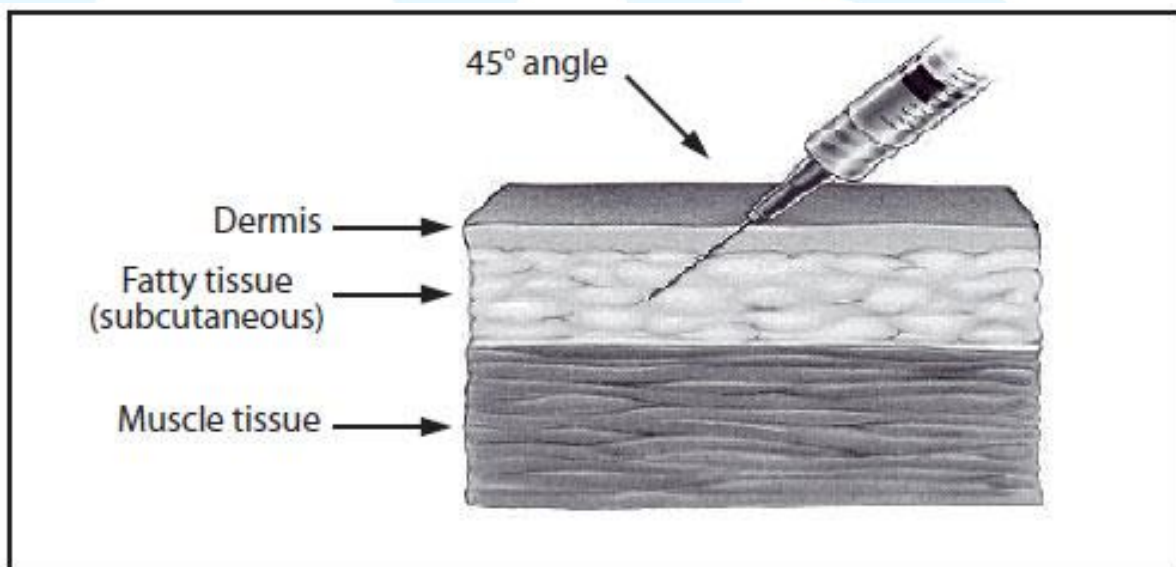
9. Use a 1ml syringe to withdraw the entire reconstituted content in the lyophilized vaccine vial.



- Please use the 1ml syringe supplied by DH.
- Ensure the needle is tightly attached to the hub of syringe before withdrawal of the reconstituted vaccine.

Procedural steps for reconstitution of MMR vaccine

10. Inject the total volume of the dissolved content of reconstituted vaccine subcutaneously.



11. After vaccination, discard the used syringes into the sharps box & perform hand hygiene.

MMR vaccination – Administrative arrangement

MMR vaccination – Administrative arrangement

1. Confirm the date and time of MMR vaccination with in-charge of RCHD/RCCC
2. HCWs could receive both seasonal influenza and measles vaccination on the same day, with vaccines administered at different anatomical sites
(Left arm: SIV; Right arm: MMR)
3. HCWs who are eligible to receive **two doses of MMR vaccine** should be given separately by an interval of at least four weeks
4. **VMO should liaise with RCHD/RCCC to arrange the date of second dose of MMR vaccination**

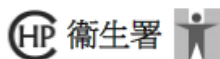
MMR vaccination – Administrative arrangement

Checking Eligibility

- ✓ Check MMR consent forms
- ✓ Check health assessment forms
(screening questionnaires)
- ✓ Check vaccination cards
 - check any “MMR” or “AMV” vaccination records

VMOs will be responsible for collection and screening of the forms to determine those eligible for MMR vaccination

院舍/中心編號 (由院舍填寫)



院舍防疫注射計劃

麻疹、流行性腮腺炎及
德國麻疹混合疫苗 (MMR 疫苗)
補種計劃接種同意書

醫健通 (資助) 系統交易編號	
1. TR	
2. TR	
接種記錄	2019/20 年度 接種日期 (日/月/年)
MMR 疫苗 (第一劑)	/ /
MMR 疫苗 (第二劑)	/ /
到診註冊醫生姓名:	
到診註冊醫生簽署:	

- 注意: 1. 請用黑色或藍色筆以正楷填寫本同意書。
2. 填妥的同意書需於接種日期最少二十個工作天前交予到診註冊醫生, 以透過醫健通 (資助) 系統查核服務使用者的疫苗接種記錄。
3. 到診註冊醫生需於接種疫苗後妥善保存同意書的正本。

甲部 服務使用者個人資料 (以身份證明文件所載者為準)			
姓名	(中文)		(英文)
出生日期	<div> <div></div> <div></div> <div></div> <div></div> </div> <div>日 月 年</div>	性別	<input type="checkbox"/> 男 <input type="checkbox"/> 女
香港身份證號碼	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>()</div>	簽發日期	<div> <div></div> <div></div> <div></div> <div></div> </div> <div>日 月 年</div>
中文電碼 (如適用)	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>		
職位:	聯絡電話:		

乙部 承諾及聲明	
供服務使用者填寫	
<p>本人為殘疾人士院舍/留宿幼兒中心的職員, 現同意接種麻疹、流行性腮腺炎及德國麻疹混合疫苗 (MMR 疫苗)²。</p> <p>本人已閱讀及明白 MMR 疫苗接種資訊的內容, 承諾及聲明和收集個人資料目的聲明, 並同意接受由政府安排之 MMR 疫苗注射。</p> <p>本人明白在接受 MMR 疫苗注射之後三個月內不宜懷孕 (只適用於婦女)。</p> <p>本人特此聲明, 本人在此同意書中所提供的一切資料, 全屬真確。本人同意把此同意書中本人的個人資料及向醫護人員所提供的資料供政府用於「收集個人資料目的」所述的用途。本人備悉有關部門或會與我或我所就職的院舍/留宿幼兒中心聯絡, 以核實有關資料及本人接種疫苗事宜。</p> <p>此同意書受香港特別行政區法律管限, 並須按照香港特別行政區法律解釋; 本人及政府須不可撤銷地接受香港特別行政區法院的專屬司法管轄權管轄。</p> <p>本人已仔細閱讀此同意書及完全理解此同意書中本人的義務和責任。</p>	
服務使用者簽署	日期

MMR Consent Form

² 是次補種計劃所使用的 MMR 疫苗由香港特別行政區政府從其中一間在香港註冊 MMR 疫苗供應商美國默沙東藥廠有限公司 (默沙東) 採購, 包裝上有西班牙文的標籤說明。該批 MMR 疫苗當中輔料含有源自豬皮膚膠原蛋白的明膠。

麻疹疫苗補種計劃

殘疾人士院舍及留宿幼兒中心職員

麻疹、流行性腮腺炎及德國麻疹混合疫苗（MMR疫苗）補種計劃篩選問卷

請在接種 MMR 疫苗前回答以下問題，在適當的方格內加上✓。

以下任何一項答案為「是」或「有」的人士不需在是次計劃接種 MMR 疫苗¹

1. 你是否已接受兩劑或以上 MMR 疫苗？ ☐ 是 ☐ 否
(☐ 一劑 ☐ 不清楚)
2. 你有沒有化驗證明曾感染麻疹？ ☐ 有 ☐ 沒有 ☐ 不清楚
3. 你有沒有化驗證明對麻疹已有免疫力？ ☐ 有 ☐ 沒有 ☐ 不清楚

以下任何一項答案為「是」、「有」或「不清楚」的人士不應接種 MMR 疫苗

4. 你有沒有試過對麻疹、流行性腮腺炎及德國麻疹混合疫苗、新霉素或明膠有嚴重敏感反應，如呼吸困難，甚至休克等症狀？ ☐ 有 ☐ 沒有 ☐ 不清楚
5. 你有沒有癌症、白血病、感染愛滋病毒（HIV+），或其他免疫系統疾病的病歷？ ☐ 有 ☐ 沒有 ☐ 不清楚
6. 你有沒有正在服用高劑量類固醇、抗癌藥或接受放射治療？ ☐ 有 ☐ 沒有 ☐ 不清楚

以下任何一項答案為「有」或「不清楚」的人士須延遲接種 MMR 疫苗。詳情請向你的家庭醫生查詢。

7. 你正在懷孕或有機會懷孕嗎？（只適用於婦女） ☐ 是/有 ☐ 不是/沒有
☐ 不清楚
上一次經期的第一日：（只適用於婦女） _____年____月____日
☐ 已停經
8. 你今天有沒有發燒或不適？ ☐ 有 ☐ 沒有
9. 你在過去這十一個月內有沒有接受過輸血、血漿或免疫球蛋白？ ☐ 有 ☐ 沒有 ☐ 不清楚
10. 你在過去四星期內有沒有接種過減活疫苗，例如麻疹、流行性腮腺炎、德國麻疹混合疫苗、水痘疫苗、麻疹、流行性腮腺炎、德國麻疹及水痘混合疫苗、卡介苗、日本腦炎疫苗、減活流感疫苗（噴鼻疫苗）？ ☐ 有 ☐ 沒有 ☐ 不清楚
11. 你有沒有血凝固或血小板過低的疾病或問題？ ☐ 有 ☐ 沒有 ☐ 不清楚
12. 你是否曾對雞蛋產生嚴重過敏（如過敏性休克）？ ☐ 是* ☐ 不是 ☐ 不清楚

*答案為「是」的人士，請徵詢專業醫護人員及在適當的場所內接種。

MMR Screening questionnaire

¹ 是次補種計劃所使用的 MMR 疫苗由香港特別行政區政府從其中一間在香港註冊 MMR 疫苗供應商美國默沙東藥廠有限公司（默沙東）採購。這批疫苗原先並非預計供應給香港，因此包裝上只有西班牙文的標籤說明，但一如默沙東在本港註冊的 MMR 疫苗，均由同一製造商以相同原裝配方（當中輔料含有源自豬皮膚膠原蛋白的明膠）及製成品規格製造。



MMR vaccination – Administrative arrangement

- After confirming eligibility for MMR vaccination, VMOs should submit vaccination order to Vaccination Division (VD) of CHP for ordering MMR vaccine at least 10 working days before the vaccination day.
- Claims for injection fee should be submitted on eHealth System (Subsidies) (eHS(S)) within seven days after the vaccination day. For recipients without eHS(S) account, temporary account will be created for them.

Contact Us

疫苗計劃組

Vaccination Section

電話
Phone : 2125 2562

傳真
Fax : 2713 9576

電郵
Email : vacs@dh.gov.hk

地址 : 九龍亞皆老街147C號衛生防護中心二樓
Address : 2/F, Centre for Health Protection, 147C Argyle Street, Kowloon

網站
Website : <https://www.chp.gov.hk/en/features/17980.html>

Thank You