



# **2017/18 Seasonal Influenza Vaccination Programme/ Vaccination Schemes and Role of Health Care Workers**

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**衛生署**  
Department of Health

# Vaccination Programme/ Schemes 2017/18

Type of Programme	Tentative Launch Date
- Government Vaccination Programme (GVP)	25 October 2017  (** For Health Care Workers – 2 weeks before the launch date)
- Vaccination Subsidy Scheme (VSS)	18 October 2017

## Type of Vaccines Covered in 2017/18 :

- Seasonal influenza vaccine
- Pneumococcal vaccines



## ■ Aims

- ◆ Protect public health
- ◆ Reduce risk of severe disease and mortality arising from influenza infection and its complications in high-risk people
- ◆ Minimise chance of invasive pneumococcal disease in elderly people



# Government Vaccination Programme (GVP)



# SIV programme implementation

- Follow GVP 2016/17, no change in eligibility
- Implementation schedule : similar to last year by phases - e.g. health care workers
  - ➔ existing clients
  - ➔ community elderly  
(to be announced later )



# Influenza vaccine used under GVP 2017/18

## Quadrivalent influenza vaccine

- May potentially prevent majority of influenza burden in Hong Kong **AND**
- Potentially offer additional protection against influenza B



# Eligible groups of SIV under GVP 2017/18

**(Eligible groups same as 2016/17 – no change)**

- Pregnant women receiving CSSA/holding medical waivers
- Elderly persons living in residential care home
- Long-stay residents of institutions for the persons with disabilities
- Elderly aged 65 years or above
- Persons aged 50 to 64 years receiving CSSA/holding medical waivers
- Persons under 50 years with high-risk conditions who are receiving CSSA/holding medical waivers; long-stay HA in-patients; or persons with intellectual disability
- Healthcare workers in public sector and residential care homes
- Children between age 6 months and below 12 years on CSSA/holding medical waivers
- Poultry workers/ staff involved in poultry-culling operation
- Pig farmers/ pig-slaughtering industry personnel



# High-risk conditions (under GVP/VSS)

## High-risk conditions include both risk factors for seasonal influenza and invasive pneumococcal diseases

- History of invasive pneumococcal disease, cerebrospinal fluid leakage or cochlear implant;
- Chronic cardiovascular (except hypertension without complications), lung, liver or kidney diseases;
- Metabolic diseases including diabetes mellitus or obesity (Body Mass Index 30 or above);
- Immunocompromised states related to weakened immune system due to conditions such as asplenia, Human Immunodeficiency Virus infection/Acquired Immune Deficiency Syndrome or cancer/steroid treatment;
- Chronic neurological conditions that can compromise respiratory functions or the handling of respiratory secretions, or increase the risk of aspiration, or those who lack the ability to take care of themselves
- Children and adolescents (aged 6 months to 18 years) on long-term therapy.





# Government Vaccination Programme

- Place of vaccinations
  - HA clinics and hospitals
  - DH clinics
  - Residential care homes  
(under Residential Care Home Vaccination Programme)
  - For HCW, arranged by service unit
- For details: [www.chp.gov.hk](http://www.chp.gov.hk)



# Residential Care Home Vaccination Programme 2017/18

- **Part of Government Vaccination Programme**
- **Eligibility** (Eligible groups same as 2016/17 – no change)

## ◆ **Seasonal influenza vaccination**

- All residents and staff in residential care homes for elderly (RCHE) and residential care homes for persons with disabilities (RCHD)
- Non-institutionalized persons with intellectual disabilities (PID) receiving services at designated institutions (DI) (day centres, sheltered workshops and special schools)



# Residential Care Home Vaccination Programme 2017/18

- Government provides free vaccines to RCHEs/ RCHDs
- RCHEs/ RCHDs invite VMO to provide on-site vaccination
- VMO claims a fee of \$50 per injection via eHealth System (Subsidies) after service



# Vaccination Subsidy Scheme (VSS)



# Target groups under VSS 2017/18

- Subsidised seasonal influenza vaccination for the following target groups:
  1. Pregnant women
  2. Children (aged 6 months to under 12 years)
  3. Elderly aged 65 years or above
  4. Persons with intellectual disability
  5. Persons receiving Disability Allowance



# VSS 2017/18

## Level of Government subsidy

(subsidy level – same as 2016/17, no change)

- Seasonal influenza vaccine :  
**HK\$190** (up to 2 doses in 2017/18)



# VSS 2017/18

- **No restriction on doctors' fees on top of subsidy**
  - DH encourage no extra charge
- **Require transparency in doctor's pricing**
  - Display price posters at clinic
  - Publish in CHP website (www.chp.gov.hk)

Service Provider	Practice Name, Address and Telephone Number Enrolled Scheme	District	Service Fee				
			Pregnant Women	Children	Elders	Persons with Intellectual Disability	Persons receiving Disability Allowance
			SIV	SIV	SIV	SIV	SIV
1 AU, TAI KWAN EVA	University Health Service The Hong Kong Polytechnic University (For PolyU Staff/Staff Dependent Only) University Health Service The Hong Kong Polytechnic University, HUNG HOM, KOWLOON 27665433	KC	HK\$0	HK\$0	HK\$0	HK\$0	HK\$0
2 AU-YEUNG, KAR WAI ALEXANDER	Dr Au-Yeung Kar Wai Shop 3B, G/F, Chung Man House, Oi Man Estate, HO MAN TIN, KOWLOON 27128383	KC	HK\$0	HK\$0	HK\$0	HK\$0	HK\$0
3 CHAN, CHIO HO	CHAN CHIO HO Room 203, Ching Long Shopping Center, KOWLOON CITY, KOWLOON 23858900	KC	HK\$0	HK\$0	HK\$0	HK\$0	HK\$0
4 CHAN, HANG LAM	Dr Chan Hang Lam Clinic Shop 2B, G/F, Site 3, Whampoa Garden, HUNG HOM, KOWLOON 23333699	KC	HK\$0	HK\$0	HK\$0	HK\$0	HK\$0
5 CHAN, LAAM	Dr Chan Laam Shop F06, 1/F, Oi Man Plaza, 60 Chung Hau Street, HO MAN TIN, KOWLOON 28696033	KC	HK\$0	HK\$0	HK\$0	HK\$0	HK\$0

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**疫苗資助計劃**  
Vaccination Subsidy Scheme

**2017/18** 本診所為以下合資格的香港居民提供資助疫苗接種  
(診所將在「港人」及「港人」兩欄中選擇其一)  
This clinic provides subsidised vaccination to the following eligible Hong Kong Residents (Clinic please put a "✓" in the [ ] and delete the inappropriate group)

政府資助 (政府資助) Government subsidy (per dose of vaccine)	本診所收費 (已扣除政府資助) (This Clinic Charge (After deducting the Government subsidy))
學部性流感疫苗 (須每年接種) Seasonal Influenza Vaccine (Need vaccination every year)	
<input type="checkbox"/> 孕婦 Pregnant women	\$ _____
<input type="checkbox"/> 年滿65歲或以上長者 Elderly aged 65 years or above this year	\$ _____
<input type="checkbox"/> 接種當日年齡介乎6個月至未滿12歲; 或年滿12歲但仍就讀於香港的小學兒童 Children between the age of 6 months and less than 12 years, or aged 12 years or above but studying at primary schools in Hong Kong on the vaccination day	\$190
<input type="checkbox"/> 智障人士 Persons with intellectual disability	\$ _____
<input type="checkbox"/> 領取傷殘津貼人士 Persons receiving Disability Allowance	\$ _____
肺炎球菌疫苗 (一輪內診所職員或疫苗資助計劃熱線 2125 2125 查詢有資格) Pneumococcal Vaccine (* Please check with the clinic staff or the Vaccination Subsidy Scheme enquiry hotline 2125 2125 for eligibility)	
<input type="checkbox"/> 二十三價肺炎球菌多糖疫苗: 年滿65歲或以上長者 23-valent Pneumococcal Polysaccharide Vaccine: Elderly aged 65 years or above this year	\$190
<input type="checkbox"/> 十三價肺炎球菌結合疫苗: 年滿65歲或以上有患風濕情況的長者 13-valent Pneumococcal Conjugate Vaccine: Elderly aged 65 years or above this year with high-risk conditions	\$730

所需文件:  
• 香港居民身分證或文件  
• 其他所需文件請與診所職員或疫苗資助計劃熱線 2125 2125 查詢  
Document required:  
• Identity document of Hong Kong Resident  
• For other documents required, please check with the clinic staff or the Vaccination Subsidy Scheme enquiry hotline 2125 2125

查詢 Enquiry 2125 2125 www.chp.gov.hk

# Pneumococcal Vaccination for the Elderly





# New arrangement on Pneumococcal Vaccination in 2017/18

- The Government has considered the recommendations of SCVPD and made new arrangement starting from 2017/18

Elderly aged 65 years or above	No pneumococcal vaccination before	Have had 23vPPV before
<u>With</u> high-risk conditions	<ul style="list-style-type: none"> <li>one dose of free or subsidised <b>PCV 13</b></li> <li>followed by one dose of <b>23vPPV</b> <u>one year after</u></li> </ul>	<ul style="list-style-type: none"> <li>one dose of free or subsidised <b>PCV13 mop-up</b> vaccination one year after the previous dose of 23vPPV (In phases)</li> </ul>
<u>Without</u> high-risk conditions	<ul style="list-style-type: none"> <li>continue to provide one dose of free or subsidized <b>23vPPV</b></li> </ul>	<ul style="list-style-type: none"> <li><u><b>no need to re-vaccinate</b></u></li> </ul>

# High-risk conditions (under GVP/VSS)

## High-risk conditions include both risk factors for invasive pneumococcal diseases and seasonal influenza

- History of invasive pneumococcal disease, cerebrospinal fluid leakage or cochlear implant;
- Chronic cardiovascular (except hypertension without complications), lung, liver or kidney diseases;
- Metabolic diseases including diabetes mellitus or obesity (Body Mass Index 30 or above);
- Immunocompromised states related to weakened immune system due to conditions such as asplenia, Human Immunodeficiency Virus infection/Acquired Immune Deficiency Syndrome or cancer/steroid treatment;
- Chronic neurological conditions that can compromise respiratory functions or the handling of respiratory secretions, or increase the risk of aspiration, or those who lack the ability to take care of themselves



# Eligible elderly under GVP (Free)

Eligible elderly under GVP (elderly aged 65 years or above)	2017/18
1) Community-living elderly <u>with</u> high-risk conditions attending public clinics	<b>a) New turn-up (No PV before) :</b> - one dose <b>PCV13</b> - followed by one dose of <b>23vPPV</b> <u>one year after</u>  <b>b) Mop-up (Have had 23vPPV before) :</b> - one dose of <b>PCV13</b> one year after the previous 23vPPV
2) Community-living elderly who are CSSA recipients or holders of a valid Certificate for Waiver of Medical Charges ( <b>regardless if they have high-risk conditions or not</b> )	
3) Residents of elderly homes/ elderly aged 65 years or above in disabled homes	
4) Elderly in-patients under HA ( <u>with</u> high-risk conditions ; or in-patients in infirmary, psycho-geriatric, mentally ill or mentally handicapped units/ wards)	



# Proposed implementation schedule of Vaccination Schemes in 2017/18

Date	Implementation
July 2017	Announcement of vaccination scheme
Oct 2017	<p>GVP and VSS start for</p> <ul style="list-style-type: none"> <li>● <b>new turn-up</b> ----- under RVP/ DH/ HA (No PV before)</li> <li>● <b>mop-up</b> ----- under RVP/ DH (Have had 23vPPV before)</li> </ul>
March 2018	PCV13 mop-up vaccination in HA starts

# Eligible elderly under VSS (Subsidised)

Eligible groups of VSS 2017/18	2017/18
<p><b>a) New turn-up (No PV before)</b></p> <ul style="list-style-type: none"> <li>- Community-living elderly, who are Hong Kong residents, <u>without</u> high-risk conditions</li> <li>- Community-living elderly, who are Hong Kong residents, <u>with</u> high-risk conditions</li> </ul>	<ul style="list-style-type: none"> <li>- one dose of <b>23vPPV</b></li> <li>- one dose of <b>PCV13</b></li> <li>- followed by one dose of <b>23vPPV</b> <u>one year after</u></li> </ul>
<p><b>b) Mop-up (Have had 23vPPV before)</b></p> <ul style="list-style-type: none"> <li>- Community-living elderly, who are Hong Kong residents, <u>with</u> high-risk conditions and 23vPPV before</li> </ul>	<ul style="list-style-type: none"> <li>- one dose of <b>PCV13</b> after the previous dose of 23vPPV</li> </ul>



# VSS 2017/18

## Level of Government subsidy

- 23vPPV --- **HK\$ 190** (per dose)  
PCV 13 --- **HK\$ 730** (per dose)



# Role of Health Care Workers



# Role of Health Care Workers (1)

## 1) Promote the vaccination to patients

- - According to survey, “healthcare workers’ recommendation” is an important facilitator factor
- promote vaccination during consultations/ medical appointments
- clarify main concerns: about the effectiveness and safety of the vaccination





## Role of Health Care Workers (2)

### 2) Get vaccination themselves :

Seasonal influenza vaccination is recommended for health care workers to :

- reduce morbidity and hence reduce absenteeism among health care workers related to respiratory infections
- reduce the risk of transmitting influenza to patients who are at high-risk of complications and mortality from influenza



# Government Vaccination Programme

## 2016/17

### Vaccination statistics for eligible HCWs

Category of target groups	No. of doses administered	
	2015/16	2016/17 (as at 6 Aug 2017)
Health Care Workers in public sector and residential care homes	~ 35400 (overall coverage ~ ~ <b>(31.5%)</b> )	~ 41400 (overall coverage ~ ~ <b>(35.5%)</b> )



# Coverage of Health Care Workers under GVP 2016/17

(According to Phase III statistical return from HSS)

<u>HA</u>				<u>DH</u>		
Staff Group	2015/16 coverage	2016/17 coverage		Grade	2015/16 coverage	2016/17 coverage
Medical	35.1%	44.0%		Doctors	64.1%	68.6%
Nursing	20.3%	24.5%		Nursing	38.9%	39.5%
Allied Health	22.1%	26.2%		Dental Officer Grade	49.5%	56.7%
Supporting Staff (care-related)	29.9%	39.6%		Paradental/ Supplementary Medical	39.3%	38.7%
Others		17.5%		Others	35.0%	36.5%
Overall	26.3%	27.2%		Overall	38.9%	40.3%

# Barriers to receive Seasonal Influenza Vaccination



# Reasons for DH staff NOT consent to receive SIV in GVP 2016/17

Reasons for NOT consent to receive SIV	Per cent (%)
Allergy to egg	0.6
Allergy to neomycin	0.7
Previous allergy to SI vaccines	2.1
Do not consider flu vaccine as useful	23.8
Afraid of side-effect	<b>65.8</b>
Prefer other vaccine brand	0.9
Other reasons	7.8



# Influenza vaccine

- Seasonal influenza vaccine is very safe.
- Influenza vaccine can prevent influenza and its complications effectively, and reduce associated hospitalizations and deaths.
- Inactivated influenza vaccine has been used for more than 60 years and has an excellent safety profile
- Well tolerated apart from occasional soreness, redness or swelling at the injection site
- Some recipients may experience fever, muscle pain and tiredness beginning 6 to 12 hours after vaccination and lasting up to two days



# Severe adverse events following immunisation (AEFI)

- Severe adverse event is rare
  - Guillain-Barré syndrome (GBS) (approx. 1 to 2 cases per million vaccinees)
  - Meningitis or encephalopathy (1 in 3 million doses distributed)
  - Severe allergic reaction (anaphylaxis) (9 in 10 million doses distributed)
- The **causal relationship** of influenza vaccination with these adverse events is not established



# Severe adverse events following immunisation (AEFI)

- Studies have shown that the risk of Guillian-Barré Syndrome after influenza infection (17.20 per million) is much higher than after influenza vaccination (1.03 per million)

***GBS after  
Influenza Infection  
(17.20 per million)***

**>**

***GBS after  
Influenza vaccination  
(1.03 per million)***





# To facilitate staff vaccination...

## ■ Location:

- Convenient vaccination location arranged by service units
- Mobile vaccination team

## ■ Vaccination dates:

- Multiple sessions to allow for choices
- Mop-up period

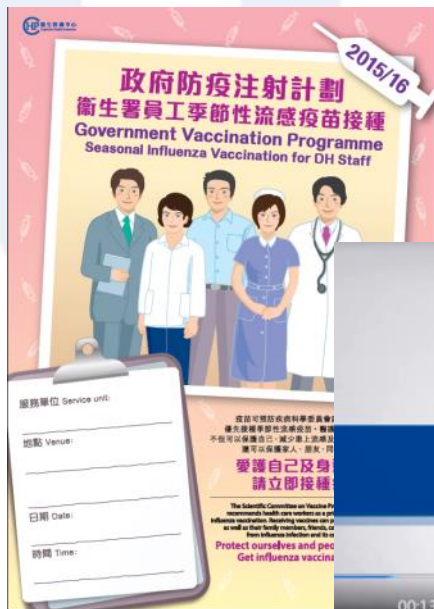
## ■ Publicity:

- Briefing session targeted at health care workers on influenza vaccination
- Liaise with medical professional associations for support to promulgate influenza vaccination
- Senior officials taking the lead to receive flu vaccination
- Video, poster, email, circular etc.



# Publicity to health care workers

- Government officials took the lead as role models with frontline staff to receive vaccination
- DoH took the lead as role models and participated in the promotion video
- Briefing session for health care workers (explain safety and importance of vaccination)
  - SFH, senior officials and frontline HCWs of HA and DH receive vaccination at Ha Kwai Chung GOPC and appeal to public for vaccination
  - Visit of USFH to PYNEH to inspect staff vaccination arrangement and give recognition to HCW for getting SIV



# For more information



Centre for Health Protection  
Department of Health  
The Government of the Hong Kong Special Administrative Region

GovHK 香港政府一站通 繁體版 簡體版

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30 June 2017

**Vaccination Schemes**

**疫苗接種計劃**  
VACCINATION SCHEMES

**Public**

**Vaccination schemes at a glance**

- Vaccination statistics and background
- Information on adverse events following seasonal influenza vaccination

**List of Participating Doctors**

- Pregnant women
- Residents living in Residential Care Homes for the Elderly or the Persons with Disabilities
- Persons aged 50 years or above
- Persons with chronic medical problems
- Health care workers
- Children aged less than 12 years / primary school students
- Workers in poultry, pig farming or pig-slaughtering industry
- Persons with intellectual disability
- Persons receiving Disability Allowance

Department of Health

The Centre for Health Protection is a professional arm of the Department of Health, for disease prevention and control.

<http://www.chp.gov.hk>

## Vaccination Office

Tel : 2125 2125

Fax : 2713 9576

Email : [vacs@dh.gov.hk](mailto:vacs@dh.gov.hk)

Address : Block A, 2/F,  
147c Argyle Street,  
Kowloon

# Get Vaccination

- Receiving vaccines can protect health care workers, as well as their family members, friends, colleagues and patients from influenza infection and its complications
- To protect ourselves and people around us, get influenza vaccination now





**THANK YOU**

