

Collaboration and Communication with Pharmacists Authorized to Immunize

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Declaration

- **No conflict of interest to declare**

Today

■ Context

- ❑ Pharmaceutical Services Division
- ❑ Pharmacist Authorization to Administer Immunizations
- ❑ Pharmacists and Immunization Working Group

■ History

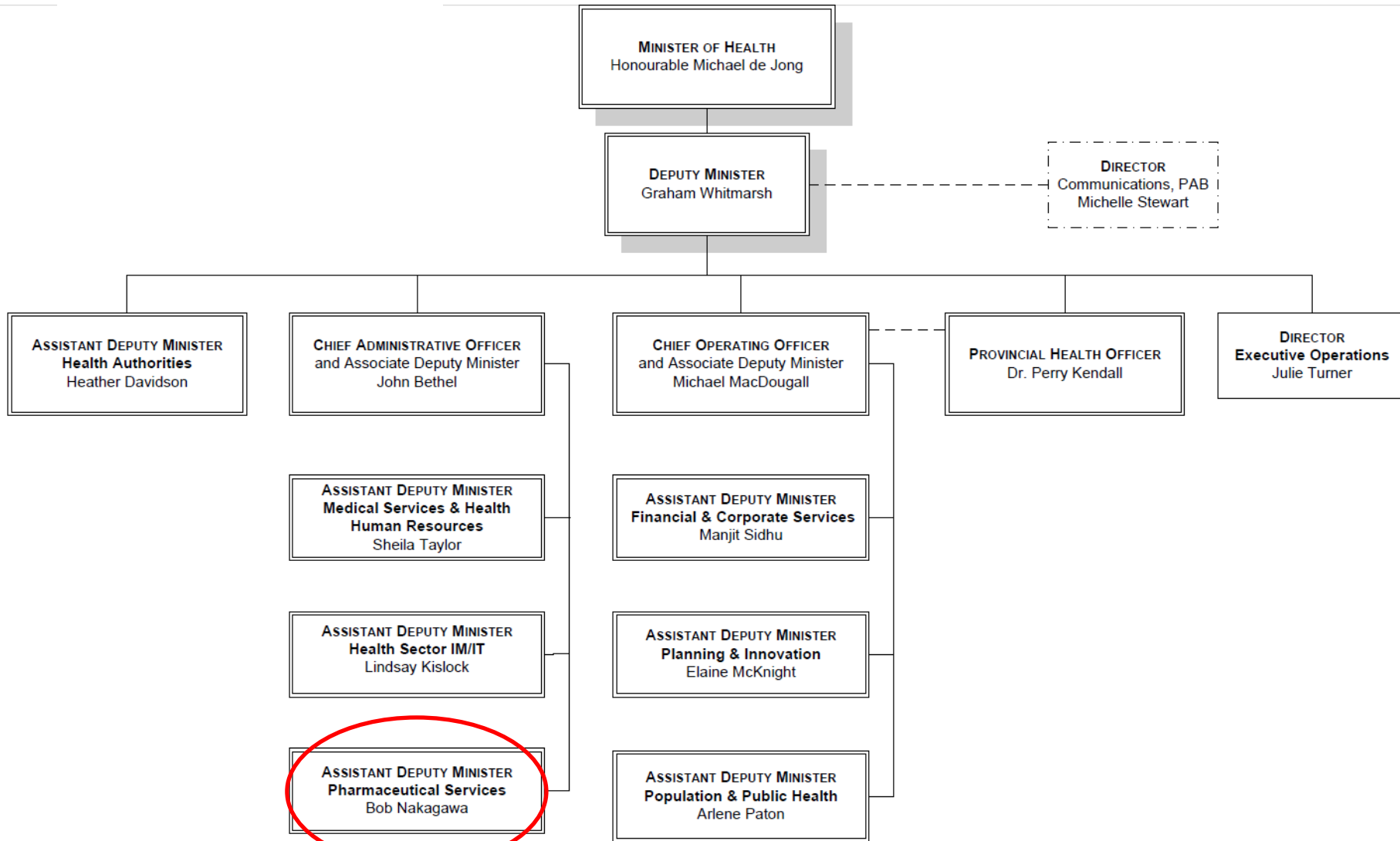
- ❑ H1N1 (2009)
- ❑ 2010 +

■ Collaboration and Communication

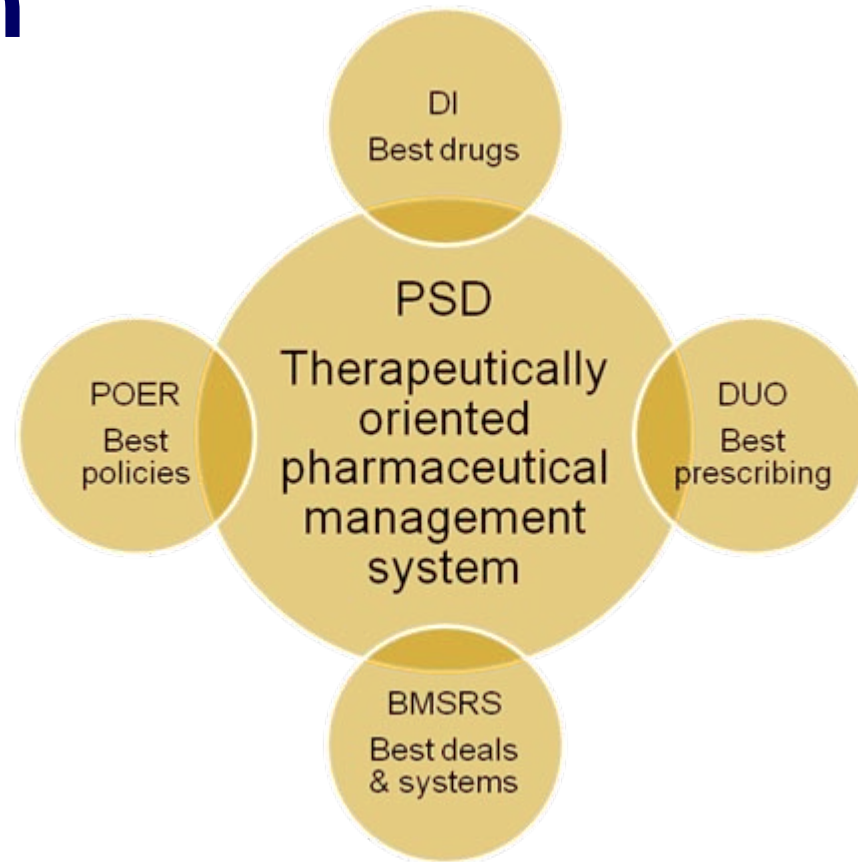
■ Lessons Learned

■ Going Forward

BC Ministry of Health



Pharmaceutical Services Division



Pharmacist Authorization to Administer Immunizations



NEWS RELEASE

For Immediate Release
2009HSERV0026-000515,
injections, vaccines, H1N1
October 21, 2009

Ministry of Health Services

Ministry of Health News Release - October 21, 2009 (Injections / Vaccines / H1N1)

VICTORIA – Specially-trained pharmacists in British Columbia can now provide patients with vaccine injections.

“As we are facing both regular flu season and the H1N1 flu pandemic, pharmacists can now help administer the annual flu vaccine, including vaccinations for H1N1,” said Health Services Minister Kevin Falcon. “Expanding the role of pharmacists gives patients more choice for, and increased access to health care.”



Other Jurisdictions (as of 11/11)

■ Canada

- ❑ Trained pharmacists can administer vaccinations in British Columbia, Alberta, New Brunswick
- ❑ Pharmacists in Manitoba, Ontario, Nova Scotia are expected to have authority to administer vaccinations once regulations are finalized

■ USA

- ❑ All 50 states allow vaccination by pharmacists

Pharmacist Qualification Requirements

- Registration on the College's Full Pharmacist register
- Have successfully completed training from a College approved accredited training program
- Possess current certification in CPR and first aid from a recognized provider

Pharmacist Training

- Accredited Administration of Injections Program (prepared by the BC Pharmacy Association in collaboration with the College of Pharmacists of BC, BC Ministry of Health and BC Centre for Disease Control)
 - Immunization Competency Program for BC Health Professionals – on-line pre-study
 - Practical Administration of Injections for BC Pharmacists – in-person workshop

Pharmacists Authorized to Administer Immunizations in BC

| Date | Number of Pharmacists |
|---------------|-----------------------|
| November 2009 | ~400 |
| November 2010 | ~800 |
| November 2011 | >1400 |

Registered Student Training

- BCPhA Accredited Administration of Injections Program for registered students in Spring 2012
- Plans underway to incorporate training in to undergraduate curriculum for all students at UBC

BC IMMUNIZATION COMMITTEE (BCIC)

Co-Chair: Elizabeth Brodkin (FHA)

Co-Chair: Craig Thompson (MOH)

Manager: Andrea Derban (MOH)

WORKING GROUPS



Immunization Promotion

Chairs: Ian Roe (BCCDC)
Craig Thompson (MOH)

Professional Education

Chair: Brittany Deeter (BCCDC)

Vaccine Wastage Reduction

Chair: Marilyn McIvor (BCCDC)

Informed Consent

Chair: Issy Aguiar (IHA)

Data Registries

Chair: Monika Naus (BCCDC)

Vaccine Safety

Chair: Monika Naus (BCCDC)

Pharmacists & Immunization

Chairs: Barbara Gobis Ogle (PSD)
Andrea Derban (MOH)

Implementation of Immunize BC

Chairs: Marilyn McIvor (BCCDC)
Andrea Derban (MOH)

Licensed Practical Nurses

Chair: Andrea Derban (MOH)

ImmunizeBC Strategic Framework (2007) Goals

- Investigate opportunities to expand the range of health care professionals providing immunization,
- Strengthen BC's public health infrastructure, and
- Widen patient choice by increasing access to injection services.

Pharmacists and Immunization Working Group Mandate

■ Strategic

- ❑ Ensure adequate supply of pharmacist service providers
- ❑ Support full implementation of pharmacists' scope of practice to administer immunizations
- ❑ Ensure stakeholder coordination and collaboration
- ❑ Enhance pharmacists' capacity to promote the benefits of immunization

Pharmacists and Immunization Working Group Mandate

■ Operational

- ❑ Make recommendations to BCIC about ways to utilize pharmacists to further public health goals
- ❑ Support regional health authorities and pharmacists in delivering PFV to BC citizens
- ❑ Share information on best practices about privately funded vaccine
- ❑ Promote consistent delivery of immunizations by pharmacists
- ❑ Provide support so pharmacists can effectively promote immunization programs

PIWG Membership

- BCCDC
 - Pharmacy Services
 - Vaccine Educator
- MoH
 - Pharmaceutical Services
 - Population & Public Health
- College of Pharmacists of BC
- BCPhA
- UBC-CPPD
- Vancouver Coastal HA
- Northern HA
- Fraser HA
- Vancouver Island HA
- Interior HA
- First Nations Inuit Health
- Manager, BCIC

History

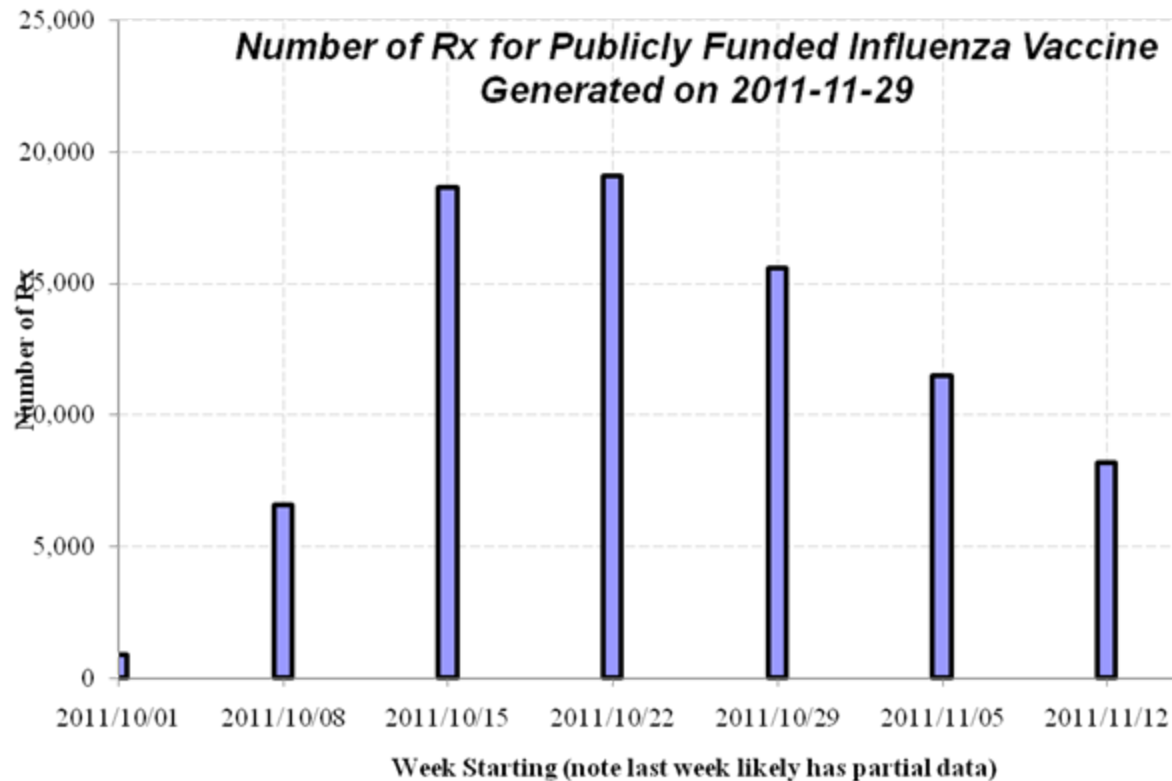
- 2009
 - H1N1
 - Payment for PFV administration
- 2010
 - Influenza and Pneumococcal 23 valent
 - Payment continued
- 2011
 - Same as 2010

Pharmacist Access to PFV

| Year / Quarter / Months | Influenza | Pneumococcus |
|------------------------------|---------------|--------------|
| 2009 / Quarter 4 / Oct – Dec | 26,547 | 62 |
| 2010 / Quarter 1 / Jan – Mar | 5,179 | 15 |
| 2010 / Quarter 2 / Apr – Jun | 25 | 5 |
| 2010 / Quarter 3 / Jul – Sep | 15 | 5 |
| 2010 / Quarter 4 / Oct – Dec | 44,046 | 1,191 |
| 2011 / Quarter 1 / Jan – Mar | 4,456 | 224 |
| Total | 80,268 | 1,502 |

Source: Policy, Outcomes Evaluation and Research; Pharmaceutical Services Division; Ministry of Health Services. Retrieved July 11, 2011; HealthIdeas. Data for the period Oct-01-2009 to Mar-31-2011.

Influenza Administration Fee Claims Fall 2011 (PharmaNet)



Source: Policy, Outcomes Evaluation and Research, Pharmaceutical Services Division, Ministry of Health. Retrieved Nov 15, 2011 HealthIdeas. Date Range Oct 1/11 – Nov 12/11

Collaboration

■ Collaboration

- ❑ Monthly PIWG meetings – tele or in-person
- ❑ Joint input and joint responsibility
- ❑ Learning across organizations
- ❑ Issues management

■ Materials

- ❑ Guideline document
- ❑ Health Authority procedures summary
- ❑ Vaccine product summary
- ❑ FAQs

Pharmacists' Resource Guide for Publicly-Funded Vaccines

October 2011

Pharmacist and Immunization Working Group (PIWG):

College of Pharmacists of British Columbia (CPBC)

BC Centre for Disease Control (BCCDC)

BC Pharmacy Association

Vancouver Coastal Health Authority

Fraser Health Authority

Vancouver Island Health Authority

Interior Health Authority

Northern Health Authority

BC Ministry of Health



- <http://www.health.gov.bc.ca/pharmacare/pdf/PFVGuide.pdf>

| VACCINE ^a | FLUVIRAL [®] | FLUAD [®] | AGRIFLU [®] |
|------------------------|--|---|--|
| Type of Virus | Trivalent, Inactivated, Split Virion | Trivalent, surface antigen, inactivated | Trivalent, surface antigen, inactivated |
| Virus Strains | A/California/7/2009 (H1N1)-like strain A/Perth/16/2009 (H3N2)-like strain B/Brisbane/60/2008-like strain | A/California/7/2009 (H1N1)-like strain A/Perth/16/2009 (H3N2)-like strain B/Brisbane/60/2008 – like strain | A/California/7/2009 (H1N1)-like strain A/Perth/16/2009 (H3N2) – like strain B/Brisbane/60/2008 – like strain |
| Approved indication | Approved for use in individuals ≥ 6 months and seniors | Approved for use in individuals ≥ 65 years of age | Approved for use in individuals ≥ 6 months |
| Adjuvant | No | Yes | No |
| Thimersol | Yes | No | No |
| Adverse Drug Reactions | Transient injection site reactions | Local reactions | Transient: pain at injection site, headaches |
| Supplied As | Multi-dose Vial (10 doses/vial) | Prefilled glass syringe ^b NEEDLES NEED TO BE PURCHASED ^c | Prefilled glass syringe ^b NEEDLES NEED TO BE PURCHASED ^c |
| Storage | DO NOT FREEZE 2 – 8 ° C | DO NOT FREEZE 2 – 8 ° C | DO NOT FREEZE 2 – 8 ° C |
| Expiry | Do not use vaccine after expiration date Once entered, discard vial after 28 days | Do not use vaccine after expiration date | Do not use vaccine after expiration date Recommended shelf life = 1 year |
| BCCDC Monograph | 2011-2012 monograph | 2011-2012 monograph | 2011-2012 monograph |
| Use in B.C. | Supplied to all regions [Residential care ^d facilities in Vancouver Island Health Authority (VIHA) & Northern Health Authority (NHA) to use Fluviral [®]] | Supplied to residents of Residential Care ^d facilities in Vancouver Coastal Health (VCH) and Fraser Health (FH) Authorities. Supplied to residents of LTC ^d facilities in VIHA (affiliates only). Supplied to community dwelling seniors age ≥ 75 in VCH & FH. | FH ^e and VCH ^e – will be available for only those with hypersensitivity to the other publicly-funded influenza vaccines. |
| PIN Number | 66124765 | 66124872 | 66124873 |
| Manufacturer | GlaxoSmithKline | Novartis | Novartis |

^a Note: only publicly-funded influenza vaccines are listed here.

^b Packaged as either one or 10 single dose prefilled syringes

^c Recommended needle sizes for intramuscular injections: 7/8” to 1 ½ “ needle (depending on age), 22 to 25 gauge. Refer to the [BCCDC Immunization Manual](#) for more information.

^d Residential Care

^e Small quantities

Pharmacist and Immunization Frequently Asked Questions (FAQ)

Updated October 1, 2011

| Product | Immunogen | Product Type | Manufacturer | DIN – For claims for patients not eligible for publicly-funded vaccine | PIN – For claims for publicly-funded vaccine administered by a pharmacist |
|----------------------|--------------|--|-----------------|--|---|
| AGRIFLU | Influenza | Inactivated (surface antigen), trivalent | Novartis | 02346850 | 66124873 |
| FLUAD | Influenza | Inactivated (surface antigen), trivalent | Novartis | 02362384 | 66124872 |
| FLUVIRAL S/F | Influenza | Inactivated (killed virus) | GlaxoSmithKline | 2015986 | 66124765 |
| PNEUMO 23 | Pneumococcus | Subunit (polysaccharide) | Sanofi Pasteur | 2231259 | 66124784 |
| PNEUMOVAX 23 VACCINE | Pneumococcus | Subunit (polysaccharide) | Merck Frosst | 431648 | 66124785 |



Influenza Vaccines 2011 – 2012 Season

Professional Q and A October 2011

Communication

- To pharmacists
 - College e-mail, web-posting
 - Association e-updates
 - Ministry newsletter, web-posting
 - UBC-CPPD web-posting
- To Health Authority team members
 - Via PIWG member
- On-going team communication via telephone and e-mail
- BCIC co-Chair updates

Lessons Learned

- Seek first to understand
 - Terminology
 - Schedule
 - Roles
 - Legislation
 - Responsibilities
 - Common ground
 - Access to care
 - What culture do you come from?

Pharmacists in Community Settings

- Licensed and accountable to regulatory body
- Customer focused
- Market forces and pressures
- Automation and technology
- Inventory management systems
- Accessible
 - Most BC communities
 - Evenings and weekends

Professionals in Public Health Settings

- Ministry + BCCDC + HA + Public Health Units
- Detailed processes
- Intricate and time-sensitive connections
- Inventory management requirements and pressures
- Documentation and record-keeping requirements and pressures
- Variability across health authorities

Going Forward

- Evaluation survey
 - Health Authority personnel
 - Pharmacists
- Streamlining processes
 - Across health authorities
- Availability of other vaccines
 - Extensive consultation process completed
 - Approval in principle
 - Work plan in development

Planning for the Future

- Desire is to make PFV available to eligible recipients from pharmacists under specific conditions and with specific procedures in place:
 - When recipients present to the pharmacy
 - Td, MMR, Hep A, Hep B – adult
 - To supplement school-based programs
 - Tdap, Varicella, Hep B, HPV, Men C Conj
 - During an outbreak
 - MMR, Hep A, Pertussis, Pneumo-23, Men C Conj

Planning for the Future (continued)

- Desire is to make PFV available to eligible recipients from pharmacists under specific conditions and with specific procedures in place:
 - Post-exposure immunoprophylaxis of household contacts
 - Men C Conj, Hep A, Men Quad Conj
 - On a case-by-case basis
 - Varicella (adults/others), Tdap (previously unimmunized adults), Td/IPV, IPV (travel indications)

In Summary

- Collaboration is key
- Relationships, trust and respectful communication are the building blocks
- All stakeholders have benefitted

Thank You

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