

SR-459 ImmunizationHealthcareProviderRoleType



January 8, 2024 (DRAFT for PHSC REVIEW)

Background

The Public Health Agency of Canada (PHAC) has submitted a subset request for proposal SR-459 Healthcare Provider Role Type for the National Vaccine Catalogue (NVC) with the intention to move to a SNOMED CT-based subset.

The concepts in this subset are available in the Canadian Vaccine Catalogue (CVC) Healthcare Provider Role Type, which is based on the Health Level Seven (HL7) pan-Canadian Provider Types.

Analysis

Canada Health Infoway completed the following work:

- Reviewed the definition of health professionals included in the Canadian Immunization Guide (CIG) and related PHAC guidance document.
- Identified equivalent SNOMED CT CA concepts.
- Recommended concepts and descriptions for inclusion in the subset.

Questions for PHSC

1. Do you agree with the concepts for inclusion in the subset?
2. Do you agree with the SNOMED CT Concept and Description for each health provider role type?

Infoway Recommendation

1. Subset Content

Do you agree with the concepts for inclusion in the subset?

| Code | Concept | English Display |
|-------------------|-------------------------------|------------------------|
| Physicians | | |
| MD | Medical Doctor | Medical Doctor |
| MDR | Medical resident | Medical resident |
| PA | Physician Assistant | Physician Assistant |
| PP | Paramedic Practitioner | Paramedic Practitioner |
| Nurses | | |
| RNP | Registered Nurse Practitioner | Nurse Practitioner |
| RM | Registered Midwife | Registered Midwife |
| RN | Registered Nurse | Registered Nurse |

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| Code | Concept | English Display |
|--------------------|--------------------------|--------------------------|
| LPN | Licensed Practical Nurse | Licensed Practical Nurse |
| STN | Nursing Student | Nursing Student |
| Pharmacists | | |
| PHARM | Pharmacist | Pharmacist |
| PTECH | Pharmacy Technician | Pharmacy Technician |
| PHINT | Pharmacy Intern | Pharmacy Intern |
| PHST | Pharmacy Student | Pharmacy Student |
| Other | | |
| RRT | Respiratory Therapist | Respiratory Therapist |

Authoritative Resources Referenced

(a) Vaccine administration practices: Canadian Immunization Guide (CIG)

- <https://www.canada.ca/en/public-health/services/publications/healthy-living/canadian-immunization-guide-part-1-key-immunization-information/page-8-vaccine-administration-practices.html>

The CIG does not include guidance related to health professional type or roles in immunization.

Part 1 – Key Immunization Information, Section – General Considerations states “*For detailed information about the recommended immunization competencies, refer to the Public Health Agency of Canada’s Immunization Competencies for Health Professionals.*”

(b) Immunization Competencies for Health Professionals, PHAC, 2008

- <https://www.canada.ca/en/public-health/services/publications/healthy-living/immunization-competencies-health-professionals.html>

The preamble of this document states “*This handbook does not dictate how to teach or assess health professionals. Instead, it lays out the essential topics for effective immunization that are universal to a wide range of health professionals.*”

The term “health professionals” is not further defined.

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2. Subset Concepts and Descriptions

Do you agree with the SNOMED CT Concept and Description for each health provider role type?

| Requested Health Provider Role Types | | | Recommended SNOMED CT Concepts and Descriptions | | Match to Requested Concepts (Match Quality) |
|--------------------------------------|-------------------------------|------------------------|-------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code | Provider | Display | Concept | Description | |
| MD | Medical Doctor | Medical Doctor | 309343006 Physician (occupation) | Physician | Recommend English Physician rather than Medical doctor as we have Resident physician and Physician assistant as other requested terms. Physician is also the preferred term in US-EN, UK-EN, CA-EN. <i>Concept: Exact Match</i> <i>Description: Confirm Description</i> |
| MDR | Medical resident | Medical resident | 405277009 Resident physician (occupation) | Physician resident | Current English preferred synonym: Resident physician . Recommend new synonym Physician Resident to be consistent across the Physician terms. <i>Concept: Confirm Equivalence</i> <i>Description: New Required</i> |
| PA | Physician Assistant | Physician Assistant | 449161006 Physician assistant (occupation) | Physician assistant | <i>Concept: Exact Match</i> <i>Description: Exact Match</i> |
| PP | Paramedic Practitioner | Paramedic Practitioner | Paramedic practitioner (occupation) | Paramedic practitioner | <i>Concept: New Required</i> <i>Description: New Required</i> |
| RNP | Registered Nurse Practitioner | Nurse Practitioner | 224571005 Nurse practitioner (occupation) | Nurse practitioner | SNOMED CT Definition: Nurse Practitioners (NPs), are registered nurses with additional education and experience who are able to order and interpret diagnostic tests, communicate diagnoses, prescribe pharmaceuticals and perform specific procedures. <i>Concept: Exact Match</i> <i>Description: Exact Match</i> |
| RM | Registered Midwife | Registered Midwife | 309453006 Registered midwife (occupation) | Registered midwife | <i>Concept: Exact Match</i> <i>Description: Exact Match</i> |

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| Requested Health Provider Role Types | | | Recommended SNOMED CT Concepts and Descriptions | | Match to Requested Concepts (Match Quality) |
|--------------------------------------|--------------------------|--------------------------|-------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code | Provider | Display | Concept | Description | |
| RN | Registered Nurse | Registered Nurse | 224535009 Registered nurse (occupation) | Registered nurse | Concept: Exact Match Description: Exact Match |
| LPN | Licensed Practical Nurse | Licensed Practical Nurse | Licensed practical nurse (occupation) | Licensed practical nurse | Concept: New Required Description: New Required |
| STN | Nursing Student | Nursing Student | 159005005 Student nurse (occupation) | Student nurse | For English display, recommend using Student nurse rather than Nursing student . Concept: Exact Match Description: Confirm Description |
| PHARM | Pharmacist | Pharmacist | 46255001 Pharmacist (occupation) | Pharmacist | Concept: Exact Match Description: Exact Match |
| PTECH | Pharmacy Technician | Pharmacy Technician | 159040006 Pharmacy technician (occupation) | Pharmacy technician | Concept exists, preferred terms match requirements. Concept: Exact Match Description: Exact Match |
| PHINT | Pharmacy Intern | Pharmacy Intern | Pharmacy intern (occupation) | Pharmacy intern | Concept: New Required Description: New Required |
| PHST | Pharmacy Student | Pharmacy Student | 159014000 Trainee pharmacist (occupation) | Trainee pharmacist | Is trainee pharmacist an acceptable equivalent to pharmacy student ? Concept: Confirm Equivalence Description: Confirm Equivalence |
| RRT | Respiratory Therapist | Respiratory Therapist | 442867008 Respiratory therapist (occupation) | Respiratory therapist | Concept exists, preferred terms match requirements. Concept: Exact Match Description: Exact Match |

PHSC Action

- To be discussed with PHSC on January 11, 2024.

Infoway Subsequent Actions

- Complete subset RFC for new ImmunizationHealthcareProviderRoleType subset.