



The Canadian Vaccine Catalogue

Working Group Meeting

December 2, 2021

Agenda



1. Welcome
2. COVID-19 Terminology Discussion
 - a. Pfizer-BioNTech COMIRNATY pediatric
 - b. Moderna Pediatric Dose Discussion
 - c. Generic agents "unspecified"
 - d. Public Picklist Updates
 - e. Other COVID-19 RFCs
3. SNOMED-CT Updates & CVC data quality
4. COVID-19 Exemption Codes
5. Release Summary
6. Wrap up and questions

2a. Pfizer-BioNTech COMIRNATY pediatric, 5 to 11 years

Pediatric, ages 5 to <12 (Trade name concept)

CVX	Concept Code (SNOMED: Concept ID)	Concept name (SNOMED: FSN)	Display name (SNOMED: Preferred Term)	Public Trade name Picklist (CVC specific)	Clinician Trade name Picklist (CVC specific)	Generic agent abbreviation	Generic agent parent concept code
218 ¹	33361000087101	COMIRNATY messenger ribonucleic acid 10 micrograms per 0.2 milliliter suspension for injection BioNTech Manufacturing GmbH (real clinical drug)	COVID-19 COMIRNATY 10 mcg/0.2 ml pediatric mRNA PB	Pfizer-BioNTech Comirnaty pediatric 10 mcg/0.2mL <u>OR</u> Pfizer-BioNTech Comirnaty COVID-19 mRNA pediatric 5 to 11 years	Pfizer-BioNTech Comirnaty pediatric 10 mcg/0.2mL (COVID-19) <u>OR</u> Pfizer-BioNTech Comirnaty pediatric 5 to 11 years (COVID-19)	COVID-19	33581000087104 (COVID-19 pediatric mRNA unspecified)

- Since each of the pediatric products have a different strength, it is not required to add the years range, unless these are getting embedded within the tradename of the products.
- It is not a good practice to add the years range because if this changes the concept is no longer suited for the use case and I will inevitably lead to an inactivation and a request for a replacement.

2a. Pfizer-BioNTech COMIRNATY pediatric, 2 to 4 years

Pediatric, ages 2 to <5 (Trade name concept)

CVX	Concept Code (SNOMED: Concept ID)	Proposed concept name (SNOMED: FSN)	Display name (SNOMED: Preferred Term)	Public Trade name Picklist (CVC specific)	Clinician Trade name Picklist (CVC specific)	Generic agent abbreviation	Generic agent parent concept code
219 ¹	Not created	COMIRNATY messenger ribonucleic acid 3 micrograms per 0.2 milliliter suspension for injection BioNTech Manufacturing GmbH (real clinical drug)	COVID-19 COMIRNATY pediatric 3 mcg/0.2 ml mRNA PB	<p>Pfizer-BioNTech Comirnaty pediatric 3 mcg/0.2ml</p> <p>OR</p> <p>Pfizer-BioNTech Comirnaty COVID-19 mRNA pediatric 2 to 4 years</p>	<p>Pfizer-BioNTech Comirnaty pediatric 3 mcg/0.2ml (COVID-19)</p> <p>OR</p> <p>Pfizer-BioNTech Comirnaty pediatric 2 to 4 years (COVID-19)</p>	COVID-19	33581000087104 (COVID-19 pediatric mRNA unspecified)

¹ Source: CDC (<https://www.cdc.gov/vaccines/programs/iis/COVID-19-related-codes.html>)

2a. Pfizer-BioNTech COMIRNATY, ages 12+

Question: Should we also include strength in the adult (12+) version?

CVX	Concept Code (SNOMED: Concept ID)	Concept name (SNOMED: FSN)	Display name (SNOMED: Preferred Term)	Public Trade name Picklist (CVC specific)	Clinician Trade name Picklist (CVC specific)	Generic agent abbreviation	Generic agent parent concept code
208 ¹	28581000087106	COMIRNATY messenger ribonucleic acid 3 micrograms per 0.2 milliliter suspension for injection BioNTech Manufacturing GmbH (real clinical drug)	COVID-19 COMIRNATY (adult?) 30 mcg/0.3 ml mRNA PB	Pfizer-BioNTech Comirnaty COVID-19 mRNA OR Pfizer-BioNTech Comirnaty (adult?) 30 mcg/0.3 ml	Pfizer-BioNTech Comirnaty (COVID-19) OR Pfizer-BioNTech Comirnaty (adult?) 30 mcg/0.3 ml	COVID-19	1119349007 (COVID-19 mRNA)

¹ Source: CDC (<https://www.cdc.gov/vaccines/programs/iis/COVID-19-related-codes.html>)

2b. Moderna Spikevax pediatric dose

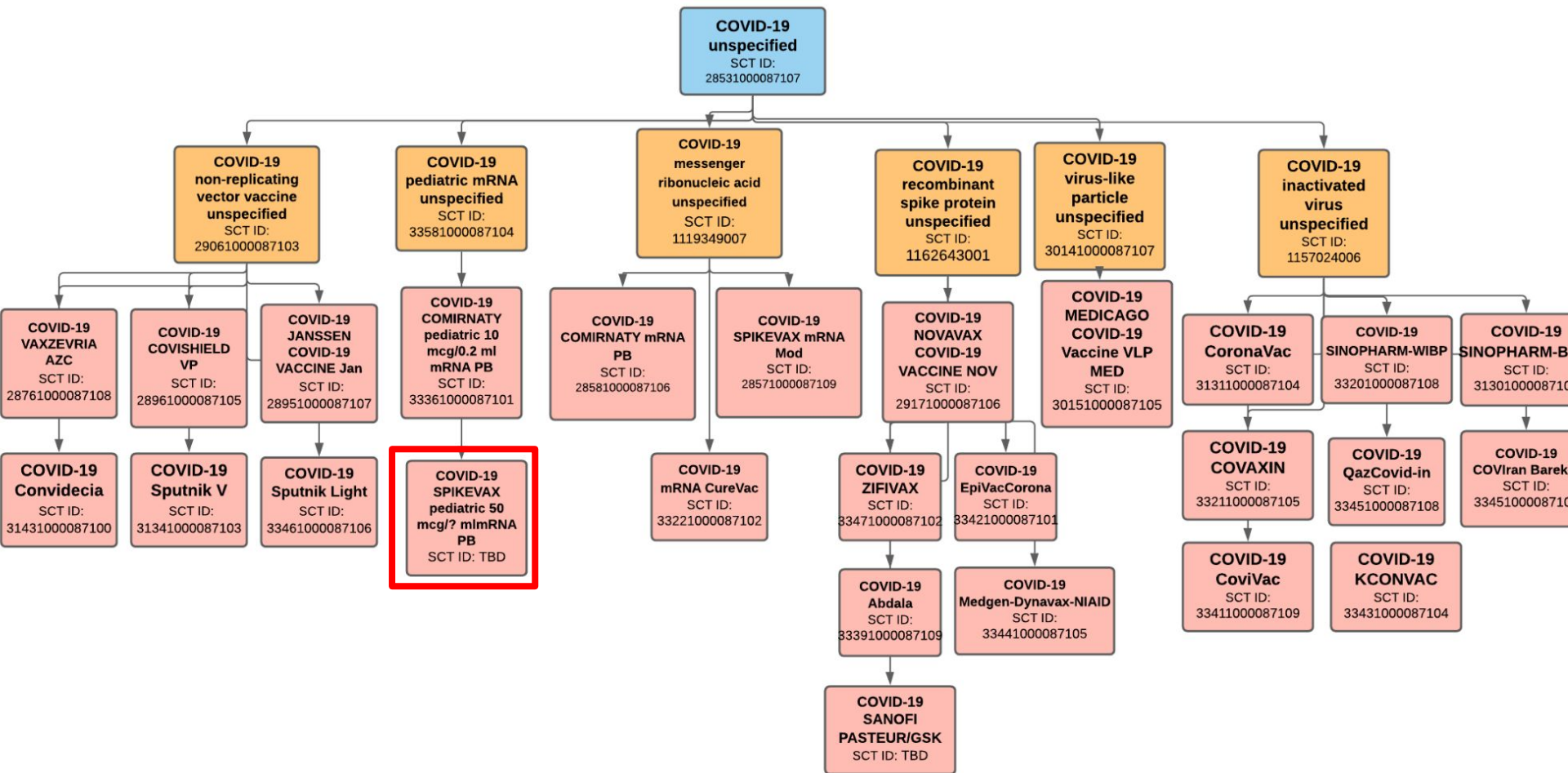
Moderna pediatric

CVX	Concept Code (SNOMED: Concept ID)	Proposed concept name (SNOMED: FSN)	Display name (SNOMED: Preferred Term)	Public Trade name Picklist (CVC specific)	Clinician Trade name Picklist (CVC specific)	Generic agent abbreviation	Generic agent parent concept code
N/A	Not created	SPIKEVAX messenger ribonucleic acid 50 micrograms per ? milliliter dispersion for injection Moderna Therapeutics Inc. **driven by DIN?	COVID-19 SPIKEVAX 50 mcg/? ml pediatric mRNA PB	Moderna Spikevax COVID-19 mRNA pediatric 50 mcg/? ml OR Moderna Spikevax pediatric 6 to 11 years	Moderna Spikevax pediatric 50 mcg/? ml (COVID-19) OR Moderna Spikevax pediatric 6 to 11 years (COVID-19)	COVID-19	33581000087104 (COVID-19 pediatric mRNA unspecified)

¹ Source: Moderna

(<https://investors.modernatx.com/news-releases/news-release-details/moderna-announces-positive-top-line-data-phase-23-study-covid-19>)

COVID-19 Terminology Hierarchy



2d. Public Picklist Updates

Proposal to create special formatting for COVID-19 vaccines in the Public Picklist field

- Usually only has the vaccine trade name, which is identical to what is in the FSN
- Proposed format to include COVID-19 to make it clear for the public

Example:

Former Public Picklist	New Public Picklist
CureVac	CureVac COVID-19 mRNA
COVAXIN	COVAXIN COVID-19
SINOPHARM-WIBP	SINOPHARM-WIBP COVID-19
MEDICAGO COVID-19 VACCINE	MEDICAGO COVID-19
NOVAVAX COVID-19 VACCINE	NOVAVAX COVID-19

2e. Other COVID-19 RFCs

Tris-sucrose formula, ages 12+ (Trade name concept) - Any updates on how this should be differentiated?

CVX	Concept Code (SNOMED: Concept ID)	Proposed concept name (SNOMED: FSN)	Display name (SNOMED: Preferred Term)	Public Trade name Picklist (CVC specific)	Clinician Trade name Picklist (CVC specific)	Generic agent abbreviation	Generic agent parent concept code
217 ¹	Not created	COMIRNATY vaccine messenger ribonucleic acid 30 micrograms per 0.3 milliliter tris-sucrose buffer suspension for injection BioNTech Manufacturing GmbH (real clinical drug)	COVID-19 COMIRNATY tris-sucrose mRNA PB	Pfizer-BioNTech Comirnaty COVID-19 mRNA tris-sucrose	Pfizer-BioNTech Comirnaty tris-sucrose (COVID-19)	COVID-19	1119349007 (COVID-19 mRNA)

¹ Source: CDC (<https://www.cdc.gov/vaccines/programs/iis/COVID-19-related-codes.html>)

2e. Other COVID-19 RFCs

Sanofi Pasteur/GSK

Medicago Inc	Coronavirus-like particle (CoVLP)	Vaccines, for human use	2021-04-19	Under review	n/a
Merck Canada Inc	Molnupiravir	Antivirals for systemic use, for human use	2021-08-13	Under review	n/a
Novavax Inc.	NVX-CoV2373	Vaccines, for human use	2021-01-29	Under review	n/a
Pfizer Canada ULC	PF-07321332 and ritonavir	Antivirals for systemic use, for human use	2021-12-01	Under review	n/a
Sanofi Pasteur Limited	SARS-CoV-2 prefusion spike delta TM protein, recombinant	Vaccines, for human use	2021-07-21	Under review	n/a

Source: Health Canada

(<https://www.canada.ca/en/health-canada/services/drugs-health-products/covid19-industry/drugs-vaccines-treatments/authorization/applications.html#wb-auto-4>)

3. SNOMED-CT Updates & CVC Data Quality

Summary of Issues

- Concept FSN and semantic tag not as per latest release (e.g. "product" vs. "real clinical drug")
- Inactive concepts listed
- Inactive concepts not replaced by updated active concepts
- English terms not existing in SNOMED CT INT or CA
- French Preferred term not existing in SNOMED CT CA
 - This point raise a high concern related to translation that only the Country NRC is allowed to achieve.
- Erroneous EN PT provided that are not in the terminology
- Erroneous EN PT provided that are not in the terminology
- Status information not accurate
- Last updated date not accurate
 - Canadian edition publication reference

CVC Data Quality & Change Management

- Aiming to correct these issues in the January release
- Implications/downstream impacts to end users - further discussion or review required before deploying this release?
 - Flag the differences to make necessary changes
 - Flag what needs to be changed first for jurisdiction update/review
 - Time needed: dependent on scope, approx. 2 weeks

4. COVID-19 Vaccination Exemption Codes

Discussion:

- Any progress on COVID-19 PVC exemption codes or changes to specifications
 - ON still interested in adding exemptions into the CVC

5. Release Summary - Version 1.1.15

The next CVC release will be updated to fix the following issues in 1.1.14:

Dates

- "Last updated" to be fixed to release date of November 19th for all new/updated concepts in 1.1.14
- "Release" and "Build" date & "Lot Data Available for Date Range" fields in Info tab to be updated

Terminology

- Preferred term to be updated for COMIRNATY pediatric - exclude age range
- Public picklist for all COVID-19 vaccines that are not up to date according to previous discussion (both domestic and international)

Lot/expiry information

- All vaccines - November
- COVID-19 vaccines - most up to date

6. Wrap up and Questions

- Next CVC Meeting
 - Placeholder meeting - Thursday, December 16th, 2021 from 2-3PM EST
 - Register in advance for this meeting:
<https://infoway-inforoute.zoom.us/meeting/register/tZwpd-6opjwrH9QcXRE1y7aWTvxkCULfW7u>