

COVID VACCINE CHEAT SHEET

DATE: Sept 9, 2021 – Most recent changes **highlighted in yellow**

	Pfizer-BioNTech COVID-19 Vaccine	Moderna mRNA-1273
Type	mRNA vaccine	mRNA vaccine
Handling	From the freezer to room temperature - 30 minutes to thaw From the freezer to the refrigerator – full tray requires 3 hours to thaw Requires 15 minutes at room temperature before reconstitution. After first puncture must be used within 6 hours	From the freezer to room temperature - 1 hour to thaw From the freezer to the refrigerator – 2.5 hours to thaw Requires 15 minutes at room temperature before administration. After first puncture, it can be stored at room temperature or refrigerated but must be discarded after 24 hours
Storage	Frozen between -80°C to -60°C for up to 6 months. Protect from light. Diluent can be stored at room temperature.	Frozen at -20°C (-25°C to -15°C) for up to 6 months. Protect from light.
Thawing of vaccine	May be thawed and stored at between +2°C to +8°C for up to 31 days. Do not refreeze. May be stored at room temperature (up to +25°C) for a total accumulation of no more than 2 hours before reconstituting with diluent.	May be thawed and stored at +2°C – +8°C for up to 30 days. Do not refreeze. May be stored at room temperature for a total accumulation of no more than 24 hours.
Authorized ages for use	≥ 12 years (Health Canada) *May be given to clients ≥ 11 years if they are born in 2009 (Ministry of Health) **Preferred for use (over Moderna) for clients age 12-24 years (Ministry of Health)	≥ 12 years (Health Canada)
Preservatives	None	None
Route	Intramuscular	Intramuscular
Dosage	0.3 mL	0.5 mL
Schedule	Recommended schedule - 2 doses 21 days apart (minimum 19 days) Recommended as a 2 nd dose following AstraZeneca / COVISHIELD vaccine at 8 weeks apart (minimum 28 days)	Recommended schedule - 2 doses 28 days apart (minimum of 21 days) Recommended as a 2 nd dose following AstraZeneca / COVISHIELD vaccine at 8 weeks apart (minimum 28 days)
Reconstitution/Mixing	Reconstitute with 1.8 mL of sodium chloride diluent (supplied by manufacturer) DO NOT SHAKE – invert gently 10 times	No reconstitution required DO NOT SHAKE – swirl the vial gently between doses
Appearance	Translucent to white colour after reconstituted	White to off-white suspension that may contain white or translucent product-related particulates.

Availability	6 dose multi-dose vials	10 dose or 14 dose multi-dose vial
Latex	None	None
Non-medicinal ingredients	<p>Polyethylene Glycol (ALC-0159 = 2-[(polyethylene glycol)-2000]-N,N-ditetradecylacetamide)</p> <p>ALC-0135 (4-hydroxy-butyl)azanediy]bis(hexane-6,1-diyl)bis(2hexyldecanoate)</p> <p>1,2-distearoyl-sn-glycero-3-phosphocholine</p> <p>Cholesterol</p> <p>Dibasic sodium phosphate dihydrate</p> <p>Monobasic potassium phosphate</p> <p>Potassium chloride</p> <p>Sodium chloride</p> <p>Sucrose and Water for injection</p>	<p>Lipids (Polyethylene Glycol ([PEG] 2000 dimyristoyl glycerol [DMG])</p> <p>Lipid SM-102</p> <p>cholesterol</p> <p>1,2-distearoyl-sn-glycero-3-phosphocholine [DSPC])</p> <p>tromethamine,</p> <p>tromethamine hydrochloride,</p> <p>acetic acid,</p> <p>sodium acetate,</p> <p>Sucrose and Water for injection</p>
Contra-indications	<p>Severe allergy to any component in the vaccine (Polyethylene glycol and/or polysorbate)</p> <p>Anyone with current confirmed COVID infection or COVID symptoms</p> <p>Individuals under the age of 12</p> <p>Hx of myocarditis or pericarditis after a previous dose of COVID vaccine</p>	<p>Severe allergy to any component in the vaccine (Polyethylene glycol, tromethamine, and/or polysorbate)</p> <p>Anyone with current confirmed COVID infection or COVID symptom</p> <p>Individuals under the age of 12</p> <p>Hx of myocarditis or pericarditis after a previous dose of COVID vaccine</p>
Special Populations	Please refer to most recent guidelines in Ministry of Health COVID-19 Vaccination Recommendations for Special Populations.	Please refer to most recent guidelines in Ministry of Health COVID-19 Vaccination Recommendations for Special Populations.
Other areas for consideration:	<p>Allergy shots: WDGPH guidance for patients on an allergy shot regime:</p> <ul style="list-style-type: none"> • ideal timing is: allergy shot, wait 1 week, then vaccinate, wait 3 weeks for next allergy shot • aim for at least 1 week between allergy shot and vaccine • main concern is that since the vaccine causes the immune system to act as if it's "sick", this could lower the threshold for anaphylaxis with the next allergy shot <p>TB testing: Based on NACI guidelines – due to theoretical risk that COVID-19 vaccines may result in false-negative TST or IGRA test results; TB skin testing should be administered and read before immunization or delayed for at least 4 weeks after vaccination.</p> <p>Pregnancy/Breastfeeding - Currently there is no contraindication to receiving the COVID-19 vaccines at any stage in pregnancy or while breastfeeding. If a client has concerns and is requesting guidance on receiving vaccine while pregnant or breastfeeding, the client should be redirected to discuss with their obstetrician or midwife.</p> <p>Interchangeability of mRNA vaccines – NACI's guidance advises that the Pfizer and Moderna COVID-19 vaccines can be safely interchanged for first and second doses if the original mRNA vaccine is not readily available. Clients who received a first dose of an mRNA vaccine should be offered the same mRNA vaccine for their second dose. If the same mRNA vaccine is not readily available, another mRNA vaccine can be offered instead to complete the vaccine series.</p>	

Pfizer-BioNTech product monograph; Moderna COVID-19 Product Monograph; Ministry of Health Administration of Moderna COVID-19 Vaccine Version 3.0 (Jun 18, 2021); Ministry of Health Administration of Pfizer-BioNTech COVID-19 Vaccine Version 6.0 (Jun 18, 2021)