

School Based Immunization Quick Reference Guide 2022-2023

Vaccine	Immunogen	Potential Allergen	Latex- and Thimerosal-free	Adjuvant	Supplied	Dosage / Route	Schedule	Comments
Gardasil®9 *Whenever possible, the same HPV vaccine should be used to complete a vaccine series. However, if previously immunized with dose(s) of Gardasil®4 then to complete the series with Gardasil®9 (CIG).	Human Papilloma-virus (HPV 9-valent)	Yeast protein	Yes	Aluminum	Single dose 0.5 ml vial	Healthy, age 9 to under 15 yrs of age: 0.5 ml I.M.	0, 6 months	Minimum interval is 6 months (24 weeks)
						Healthy, 15 years and older: 0.5 ml I.M.	0,2,6 months	The minimum interval between the first and second doses of vaccine is 4 weeks (1 month), the minimum interval between the second and third doses of vaccine is 12 weeks (3 months), and the minimum interval between the first and last doses is 24 weeks (6 months) For those who missed the school-based program, a 3 dose schedule is recommended, unless the first dose of vaccine was administered before the age of 15 yrs.
						Immunocompromised individuals and immunocompetent HIV-infected individuals. 0.5 ml I.M.	0,2,6 months	Same minimum interval as above for a 3 dose schedule
								Gardasil®9 is a white, cloudy liquid after thorough agitation

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Engerix B® - Hepatitis B *Manitoba is currently using Engerix B in the school-based program	Hepatitis B	Yeast protein	Yes	Aluminum	Single dose pre-filled syringe 20 µg / 1.0 ml dose Or 10 µg / 0.5 ml dose (Pediatric)	2 dose schedule **Recommended for Gr 6 program** 11* – under 16 years of age	0, 6 months	Minimum interval is 6 months. (24 weeks) *Children who are 10 years of age for their first dose of HBV in Grade 6 (birthdays between Sept and Dec of that year), should follow the same schedule as their classmates as this is safe and effective. (Manitoba Health directive) Engerix B® is a slightly opaque, white suspension once shaken.
						3 dose schedule < 11 or ≥ 16 years of age: Three (0.5mL/dose) hepatitis B vaccine doses 0.5 ml (10 µg) IM	Preferred schedule is 0,1, 6 months	Although a schedule of months 0, 1 and at least 2 is authorized, the preferred schedule is months 0, 1 and 6. <11 – under ≥ 16 years of age If the 2nd dose is less than the minimum interval it will forecast for 3 doses If the dosage of the Hep B product is not specified or if the dosage is < 1 ml it will forecast a 3 dose 0.5 ml/dose schedule

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Menactra® (Replaced Nimenrix® In the summer of 2020)	Meningococcal Conjugate Quadrivalent Vaccine (Men-C-ACYW-135)	Sodium Phosphate Diphtheria toxoid carrier protein	Yes (vial stopper does not contain latex) natural rubber	None (no preservatives or adjuvants)	Single dose 0.5 ml vial	0.5 ml I.M.	1 dose	<p>Offered in Grade 6, to those born during or after 2008. If no Men-C-C dose on their immunization record once in Grade 6, the Men-C-Quad vaccine will bring them up-to-date (MHSAL)</p> <p>Those with certain high-risk medical conditions may require additional doses- See CIG for dosing schedule (MHSAL)</p> <p>Ensure safety engineered needles are used for administration</p> <p>Menactra® is a uniform, clear to slightly turbid liquid once shaken</p>
Boostrix® (MB Health is currently experiencing a product shortage. Shipments expected to resume ? Summer 2023)	Tetanus, diphtheria, and acellular pertussis	Residual: Formaldehyde and glutaraldehyde	Yes	Aluminum	Single dose pre-filled 0.5 ml syringe	0.5 ml I.M.	1 dose*	<p>There is no minimum interval between the Td and Tdap vaccine (NACI)</p> <p>Any dose after the age of 10 can be counted as an adolescent booster</p> <p>*Some students may be forecasted for additional catch-up doses</p> <p>Shake well to obtain a homogeneous turbid white suspension</p>

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Boostrix-Polio® (Replaced Adacel Polio® in the summer of 2020)	Tetanus, diphtheria, acellular pertussis and inactivated polio (Tdap-IPV)	Residual: Neomycin and Polymyxin B sulphates, Formaldehyde, glutaraldehyde	Yes	Aluminum	Single dose pre-filled 0.5 ml syringe	0.5 ml I.M.	1 dose*	There is no minimum interval between the Td and Tdap vaccine (NACI) Any dose after the age of 10 can be counted as an adolescent booster *Some students may be forecasted for additional catch-up doses Boostrix-Polio® is presented as a turbid white suspension
Adacel® (*will replace Boostrix product in the interim)	Tetanus, diphtheria, acellular pertussis (Tdap)	Formaldehyde and glutaraldehyde (in trace amounts)	Yes	Aluminum phosphate	Single dose 0.5 ml glass vial	0.5 ml I.M.	1 dose*	There is no minimum interval between the Td and Tdap vaccine (NACI) Any dose after the age of 10 can be counted as an adolescent booster *Some students may be forecasted for additional catch-up doses Shake the vial well until a uniform, cloudy, suspension results