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FROM:

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The following Grade 7 Immunization Program Hepatitis B Vaccine information is reprinted with dosage correction.

Grade 7 Immunization Program Hepatitis B vaccine shortage

The MOHLTC has announced a shortage of Recombivax HB® (Hepatitis B) vaccine, due to production issues experienced by Merck Frosst. This shortage impacts the grade 7 school immunization program.

In the interim, the MOHLTC has secured a small quantity of Engerix®-B vaccine, from GlaxoSmithKline which will be available in May. Although Engerix®-B vaccine is interchangeable with Recombivax HB®¹ the schedules differ at dose 2. **The grade 7 school immunization program Hepatitis B two dose schedule is as follows:**

Doses and Schedules for Monovalent Hepatitis B Vaccines

Grade 7 students	Recombivax HB®			Engerix®-B		
	µg	mL	Schedule (months)	µg	mL	Schedule (months)
11 to 15 years (inclusive)	10.0	1.0	0, 4-6	20	1.0	0, 6

(Adapted from Canadian Immunization Guide, 7th Edition, 2006)

For more information on doses and schedules for Monovalent Hepatitis B Vaccine visit:

<http://www.phac-aspc.gc.ca/publicat/cig-gci/errarta-eng.php#p4>

Peel Public Health will continue to offer Hepatitis B vaccine in grade 7 school immunization clinics until all stock is depleted. School clinics that are cancelled will be rescheduled at a later date **or** immunization will be offered through catch-up programs in the next school year, starting September 2010.

Recent Vaccine News

Human Papillomavirus Vaccines (HPV)
Gardasil® Approved for Use in Males

- Health Canada has approved Gardasil® (human papillomavirus [HPV] quadrivalent recombinant vaccine) for boys and men 9-26 years of age for the prevention of infection caused by HPV types 6, 11, 16, and 18 and genital warts caused by HPV types 6 and 11.
- Currently, there is no change to the publicly funded HPV program which remains available for grade 8 females through school-based Peel Public Health immunization clinics.
- The revised Gardasil® Product Monograph can be found at:
<http://www.merck.ca/mfcl/en/corporate/products/gardasil.html>

Cervarix™

- Health Canada has also approved Cervarix™ vaccine, manufactured by GlaxoSmithKline, for use in females aged 10-25.
- This vaccine is currently *not* publicly funded.
- This is a bivalent vaccine, containing HPV serotypes 16 and 18 for the prevention of cervical cancer.
- For dosage, clinical indications and administration schedule please refer to the product monograph found at: http://www.gsk.ca/english/docs-pdf/Cervarix_2010.pdf

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¹ Canadian Immunization Guide, 2006.

Pneumococcal Vaccines

Pevnar®13

- Health Canada has recently approved the new 13-valent pneumococcal vaccine Pevnar®13, manufactured by Wyeth pharmaceuticals.
- This vaccine is currently *not* publicly funded for routine immunization but is licensed for use in infants and children aged 6 weeks through 5 years of age.
- The vaccine provides protection against *Streptococcus pneumoniae* serotypes 1, 3, 4, 5, 6A, 6B, 7F, 9V, 14, 18C, 19A, 19F and 23F.
- For dosage, clinical indications and administration schedule please refer to the product monograph found at: <http://www.wyeth.ca/en/products/>

Synflorix™

- This vaccine *is* publicly funded and licensed for the routine immunization of children 6 weeks to 24 months of age regardless of their immunization history
- Synflorix™ replaced Pevnar® 7-valent pneumococcal vaccine in the fall of 2009
- Synflorix™ is a 10-valent pneumococcal conjugate vaccine manufactured by GlaxoSmithKline
- This vaccine provides protection against *Streptococcus pneumoniae* serotypes 1, 4, 5, 6B, 7F, 9V, 14, 18C, 19F and 23F
- Product monograph can be found at: http://www.gsk.ca/english/docs-pdf/Synflorix_PM_20090505_EN.pdf

April 24 – May 1st is National Immunization Awareness Week. Are your patients up-to-date?

Please call Peel Public Health at 905-799-7700 if you have questions about publicly funded vaccine eligibility and schedules.

Reportable Diseases

The most recent version of the *List of Reportable Diseases*² can be found at:

<http://www.peelregion.ca/health/pdfs/reportable-diseases.pdf>

Please continue to report all suspect and confirmed cases of reportable diseases to Peel Public Health at 905-799-7700.

² Updated January 2009