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**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.

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®<sup>1</sup> the schedules differ at dose 2:

- Recombivax HB®: 0.5 mL at 0 and 4-6 months
- Engerix®-B: 0.5 mL at 0 and 6 months

This shortage also impacts the grade 7 school immunization program. 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](http://www.gsk.ca/english/docs-pdf/Cervarix_2010.pdf)

**Pneumococcal Vaccines**  
Prevnar®13

- Health Canada has recently approved the new 13-valent pneumococcal vaccine Prevnar®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.

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<sup>1</sup> Canadian Immunization Guidelines, 2006.

- 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 Prevnar® 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](http://www.gsk.ca/english/docs-pdf/Synflorix_PM_20090505_EN.pdf)

### **April 24 – May 1<sup>st</sup> 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*<sup>2</sup> 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.

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<sup>2</sup> Updated January 2009