
SUBJECT: Use of Pentacel DTaP-IPV-Hib Vaccine
Date: April 25, 2024
Pages: 1
To: Primary Care Providers, Pediatricians
From: Dr. Matthew Tenenbaum, Associate Medical Officer of Health

Sanofi is **discontinuing Pediacel** and will be **transitioning to Pentacel** vaccine. WDG Public Health will begin fulfilling vaccine orders with Pentacel as soon as it is available.

- Both DTaP-IPV-Hib vaccines contain the same active ingredients, and the products are fully interchangeable.
- Unlike Pediacel, Pentacel must be reconstituted before administration.
- Any unexpired Pediacel doses in your fridge can still be used.

Sanofi has announced the replacement of Pediacel with Pentacel. Both vaccines are equivalent and interchangeable for vaccination against diphtheria, tetanus, pertussis, polio and Haemophilus influenzae type b (Hib) in children from 2 months to 6 years of age (prior to their 7th birthday).

The [Pentacel vaccine](#) comes in a **five-dose** package, supplied as ten vials: five vials of Quadracel (**blue cap**) and five vials of Act-HIB (**green cap**). Obtaining a single dose of Pentacel requires mixing one vial of Quadracel with one vial of Act-HIB according to the directions below:

- Thoroughly but gently shake the vial of Quadracel.
- Withdraw the entire liquid content and inject into the Act-HIB vial.
- Gently swirl the vial until a cloudy, uniform, white to off-white (yellow tinge) suspension results.
- Withdraw and administer a single 0.5 mL dose of Pentacel intramuscularly. Pentacel should be used immediately after reconstitution.

Do not administer the Quadracel or Act-HIB components individually. DTaP-IPV/Quadracel is no longer used in the province's publicly-funded immunization schedule and has been replaced by Tdap-IPV.

Doses of Pediacel vaccine that have been distributed in 2024 can be used until the expiration date (please refer to the date listed on the packaging).

For more information, please contact:

Name/Title: Karen Mulvey, Vaccine Preventable Disease Manager
Email: Karen.mulvey@wdgpublichealth.ca
Website: www.wdgpublichealth.ca