



FAX about...



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Should I give Tdap-IPV or DTaP-IPV-Hib?

Antigen Levels

- Antigen levels vary significantly for diphtheria and pertussis depending on which vaccine is given.
- The amount of antigen in the vaccine affects the immune response.
- Younger children require vaccines containing higher antigen levels to ensure adequate protection.

Antigen Active Ingredient	DTaP-IPV-Hib Pediacel	Tdap-IPV Adacel-polio
Diphtheria Toxoid	15 Lf *(limit of flocculation)	2 Lf
Acellular Pertussis Toxoid	20 ug	2.5 ug

Who gets what?

- For children starting and completing primary series **before age 7**:
 - A minimum of 3 DTaP-IPV-Hib vaccines – This is the Primary Series
 - Tdap-IPV should only be used as a booster dose after primary series is completed, **AND** client is at **least 4 years of age**
- For children starting immunization **prior to age 7 but completing after age 7**:
 - Give DTaP-IPV-Hib dose(s) as per recommended intervals, but once child reaches 7 years of age switch over to Tdap-IPV to complete their catch up series.
- For children starting immunization **on or after age 7**:
 - Use Tdap-IPV doses as catch-up

Please refer to the [Publicly Funded Immunization Schedules for Ontario](#)

In summary, children under age 7 need 3 larger antigen doses of diphtheria and pertussis vaccines. Please review their record before reaching for Tdap-IPV.

Durham Region Health Department: 905-668-7711, 1-800-841-2729

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If you prefer to receive this information in an electronic format please submit your request to healthresources@durham.ca

If you require this information in an accessible format, contact 1-800-841-2729.