Fetal exposure: routine schedule for pregnant women

<table>
<thead>
<tr>
<th>AGE</th>
<th>2020 TOTAL PreSchool</th>
<th>47 Vaccine doses</th>
<th>In 19 Injections &amp; 3 oral doses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prenatal</td>
<td>Number Vaccines</td>
<td>1</td>
<td>Fetal exposure: routine schedule for pregnant women</td>
</tr>
<tr>
<td></td>
<td>DTP: 3 vaccines in 1 shot</td>
<td>7</td>
<td>DTaP-IPV-Hib 5 vaccines in 1 shot</td>
</tr>
<tr>
<td></td>
<td>OPV: oral polio, live virus vaccine</td>
<td>7</td>
<td>Pneumococcal C-13</td>
</tr>
<tr>
<td></td>
<td>Rotavirus (oral) live virus vaccine</td>
<td>7</td>
<td>Rotavirus (oral)</td>
</tr>
<tr>
<td>2 Months</td>
<td></td>
<td>8</td>
<td>DTaP-IPV-Hib 5 vaccines in 1 shot</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8</td>
<td>Influenza 2 doses 4 weeks apart</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8</td>
<td>Rotavirus (oral) live virus vaccine</td>
</tr>
<tr>
<td>4 Months</td>
<td></td>
<td>5</td>
<td>MMR 3 live virus vaccines in 1 shot</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>Pneumococcal C-13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>Meningococcal C-C</td>
</tr>
<tr>
<td>6 Months</td>
<td></td>
<td>1</td>
<td>Varicella chickenpox live virus vaccine</td>
</tr>
<tr>
<td>12 Months</td>
<td></td>
<td>1</td>
<td>Varicella chickenpox live virus vaccine</td>
</tr>
<tr>
<td>15 Months</td>
<td></td>
<td>1</td>
<td>Varicella chickenpox live virus vaccine</td>
</tr>
<tr>
<td>18 Months</td>
<td></td>
<td>6</td>
<td>DTaP-IPV-Hib 5 vaccines in 1 shot</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>Influenza (1st Annual dose)</td>
</tr>
<tr>
<td>3 Yr</td>
<td></td>
<td>1</td>
<td>Influenza (Annual dose in Fall)</td>
</tr>
<tr>
<td>4–6 Yr</td>
<td></td>
<td>11</td>
<td>Tdap-IPV 4 vaccines in 1 shot</td>
</tr>
<tr>
<td>Total</td>
<td>22</td>
<td>47</td>
<td>MMRV 4 live virus vaccines in 1 shot</td>
</tr>
<tr>
<td>Total</td>
<td>47</td>
<td>47</td>
<td>Influenza (1 dose Annually each Fall=3 doses)</td>
</tr>
</tbody>
</table>

By the time your child graduates from high school, they will have received an additional 11 annual Influenza vaccines, 2 doses of HPV, 2 doses of Hepatitis B, Tdap, & Meningococcal C-ACYW-135.

TOTAL Grade School & High School in 2020
19 Vaccine doses in 17 Injections

2020 GRAND TOTAL: Prenatal to Age 18
66 Vaccine doses
Vaccines used in the 1983 Ontario schedule
All 3 of these vaccines have since been withdrawn from the market due to safety concerns.
DPT: diphtheria, whole cell pertussis, tetanus vaccine
3 vaccine combination
OPV: oral, live virus polio vaccine
MMR: measles, mumps (Urabe strain), rubella vaccine
3 live virus vaccine combination

Vaccines used in the 2020 Ontario schedule
DTP-IPV-Hib: ‘whooping cough’ vaccine
5 vaccine combination with diphtheria, tetanus, acellular pertussis, polio and Hib (Haemophilus Influenzae B) vaccines
4 doses at 2, 4, 6 & 18 months
- PediaCeTM or Infanrix-IPV/Hib
Tdap-IPV: tetanus, diphtheria, pertussis vaccine, polio
4 vaccine combination Age 4-6 yr preschool booster vaccine
- Adacel-Polio® or Boostrix-Polio®
Tdap: 3 vaccine combination with reduced diphtheria, tetanus, reduced acellular pertussis Age 14-16 yr booster
- Adacel® or Boostrix®
Hepatitis B (HepB): virus vaccine 2-doses in Grade 7
- Engerix-B Pediatric or Recombivax HB
HPV: Human papillomavirus vaccine 2 doses in Grade 7
- Gardasil 9TM
Influenza: the “Flu shot”, quadrivalent vaccine recommended begins at 6 months with 2 doses, thereafter 1 annually
- Fluzone® Quadivalent or Flulaval® Tetra
Men C-C: Meningococcal serotype C vaccine, at 12 months
- Menjugate®, Meninjetec TM or NeisVac-C®
Men C-ACYW-135: 4 Meningococcal serotypes, Grade 7
- Menactra
- Menevo® or Nimenrix®
*MMR: measles, mumps, rubella—3 live virus combination at 12 months • MMRII or PrioVoar
*MMRV: measles, mumps, rubella, & varicella (chickenpox)
4 live virus combination vaccine at 4-6 yrs
- PrioVoar Tetra® or ProQuadTM
*Varicella: chickenpox live virus vaccine
- Varivac III® or Varilrix® at 15 months
Pneu C-13: pneumococcal vaccine, 3 doses at 2, 4, & 12 months
- Prevnar 13®
*Rotavirus: live oral vaccine, 3 doses at 2, 4, & 6 months
- Rotarix® (no longer available) or RotaTeq®

Potential Allergens: Neomycin, Phenol red, Porcine gelatin,
Fetal bovine serum, Contaminants from cell growth, Other: Bovine serum albumin Formaldehyde
Monosodium L-glutamate monohydrate, Recombinant human albumin
Tetanus toxoid carrier protein

What’s In those Vaccines?
In the first year of life, during critical phases of brain and immune system development, your baby will receive 27 doses of complex biochemical vaccine ingredients. We identify some of these substances, such as adjuvants, preservatives and other ‘clinically significant’ ingredients in the following popular vaccine brands.

Example Vaccines received in the first year
3 DTap-IPV-Hib—PediaCe®
3 Pneu C–13—Prevnar 13®
3 Rotavirus—RotaTeq®
2 Influenza—Flulaval® Tetra
1 MMR—MMRII®
1 MEN-C-C—Menjugate®

PediaCeTM (DTaP-IPV-Hib)
Adjuvant: Aluminum 1500mcg X 3 doses = 4500mcg
Excipient: 2-Phenoxethanol (PE)
Potential Allergens: Polymyxin B, Yeast protein, Neomycin,
Tetanus toxoid carrier protein
Other: Bovine serum albumin Formaldehyde
Monkey kidney cell DNA Polysorbate 80

Prevnar-13® (Pneumococcal)
Adjuvant: Aluminum 125mcg X 3 doses = 375mcg
Potential Allergens: Diphtheria CRM® toxoid carrier protein
Other: Polysorbate 80, Sodium chloride, Succinic acid

RotaTeq® (Rotavirus) Other: DNA fragments from porcine circoviruses 1 and 2, Fetal bovine serum, Polysorbate 80, Residual protein from cell culture

Flulaval® Tetra (Influenza)
Preservative (in multidose vials only):
Thimerosal <25mcg mercury X 2doses = <50mcg
Potential Allergens: Egg protein, Thimerosal
Other: Formaldehyde, Polysorbate 80, Sucrose, Ethanol, alpha-tocopheryl hydrogen succinate (Vitamin E)

MMRII® (Measles, Mumps & Rubella)
Potential Allergens: Neomycin, Phenol red, Porcine gelatin,
Residual components of chick embryo cell cultures
Other: Fetal bovine serum, Contaminants from cell growth medium, Human fetal cell DNA fragments,
Recombinant human albumin
Monosodium L-glutamate monohydrate
Potassium phosphate dibasic & monobasic
Sodium bicarbonate, Sorbitol, Sucrose
Sodium phosphate dibasic & monobasic

Menjugate® (Meningococcal)
Adjuvant: Aluminum 1000mcg X 1 doses = 1000mcg
Potential Allergens: Latex, Diphtheria CRM® toxoid protein
Other: Histidine, Mannitol, Sodium chloride

In the first year of life, vaccinated babies will receive a total of 5875 micrograms(mcg) of aluminum and nearly 50 micrograms of mercury, both of which are known neurotoxins affecting brain development and function. Babies will also be exposed to various animal and human DNA, cell fragments and contaminants. The polysorbate 80 emulsifier can cross the blood brain barrier, ferrying any other ingredients into the brain.

Ask your doctor what vaccines they use and read the eye-opening product monographs linked above. All Product monographs are available online at www.vaccines411.ca under the health professionals tab.

Note: Due to space considerations, many ingredients are not necessarily listed above. For complete ingredient listings see product monographs.

ONT schedule 2020 Update

Ontario’s Immunization of School Pupils Act (ISPA) mandates that all children attending public and private schools be vaccinated with all vaccines listed under Regulation 645. Parents can however legally exempt their children from any or all vaccines for medical, religious or conscience reasons. The 2017 ISPA amendment stipulates that parents must attend a ‘vaccine education’ session prior to being allowed to file an exemption affidavit. Detailed exemption information is available on the Vaccine Choice Canada website under the Exemptions tab.

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