# Fetal Exposure: routine schedule for pregnant women

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza Vaccine</td>
<td>2 doses 4 weeks apart</td>
</tr>
<tr>
<td>Tdap Vaccine</td>
<td>3 vaccines in 1 shot</td>
</tr>
<tr>
<td>HepB</td>
<td>1 dose Annually each Fall=3 doses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTap-IPV-Hib</td>
<td>5 vaccines in 1 shot</td>
</tr>
<tr>
<td>Pneumococcal C-13</td>
<td></td>
</tr>
<tr>
<td>Rotavirus (oral)</td>
<td>live virus vaccine</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTap-IPV-Hib</td>
<td>5 vaccines in 1 shot</td>
</tr>
<tr>
<td>Pneumococcal C-13</td>
<td></td>
</tr>
<tr>
<td>Rotavirus (oral)</td>
<td>live virus vaccine</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>HepB</td>
<td>1 dose Annually each Fall=3 doses</td>
</tr>
</tbody>
</table>

---

### TOTAL PreSchool

<table>
<thead>
<tr>
<th>Age</th>
<th>1983</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prenatal</td>
<td>22 vaccine doses</td>
<td>53 vaccine doses</td>
</tr>
<tr>
<td>Birth</td>
<td>4 injections &amp; 4 oral doses</td>
<td>21 injections &amp; 3 oral doses</td>
</tr>
<tr>
<td>2 Months</td>
<td>4 vaccines in 1 shot</td>
<td>8 vaccines in 1 shot</td>
</tr>
<tr>
<td>4 Months</td>
<td>4 vaccines in 1 shot</td>
<td>7 vaccines in 1 shot</td>
</tr>
<tr>
<td>6 Months</td>
<td>4 vaccines in 1 shot</td>
<td>8 vaccines in 1 shot</td>
</tr>
<tr>
<td>12 Months</td>
<td>3 live virus vaccines in 1 shot</td>
<td>7 vaccines in 1 shot</td>
</tr>
<tr>
<td>18 Months</td>
<td>4 vaccines in 1 shot</td>
<td>10 vaccines in 1 shot</td>
</tr>
<tr>
<td>3 Yr</td>
<td>3 vaccines in 1 shot</td>
<td>4 vaccines in 1 shot</td>
</tr>
<tr>
<td>4–6 Yr</td>
<td>4 vaccines in 1 shot</td>
<td>7 vaccines in 1 shot</td>
</tr>
</tbody>
</table>

---

By the time your child graduates from high school, they will have received an additional 17 vaccines:
- Grade 7: 2 doses HPV and Tdap (3-in-1 shot)
- Grade 9: Men C-ACWY [and Varicella Booster if born between 2000 and 2008]
- 11 annual Influenza vaccines

### TOTAL Grade School & High School in 2020

17 Vaccine doses in 15 injections

### 2020 GRAND TOTAL: Prenatal to Age 18

70 Vaccine doses

---

Did you know vaccination is VOLUNTARY in Canada?

As Health Canada explained years ago: **“Unlike some countries, immunization is not mandatory in Canada; it cannot be made mandatory because of the Canadian Constitution...legislation and regulations must not be interpreted to imply compulsory immunization.”**


VCC • New Brunswick 2020 Schedule

Hyperlinked pdf available on our website [www.vaccinechoicecanada.com](http://www.vaccinechoicecanada.com)
**LEGEND**

**Vaccines used in the 1983 New Brunswick schedule**

Note: 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 New Brunswick schedule**

**DTaP-IPV-Hib:** ‘whooping cough’ vaccine
5 vaccine combination with diphtheria, tetanus, acellular pertussis, polio and Hib vaccines
4 doses given at 2, 4, 6 and 18 months
- Adacel®
- PediaCept®

**Tdap-IPV:** 4 vaccine combination with tetanus, reduced diphtheria and acellular pertussis, polio 4-6 year booster
- Adacel®
- Polio

**Tdap:** 3 vaccine combination with reduced diphtheria, tetanus, reduced acellular pertussis, Grade 7 booster
- Adacel®

**Hepatitis B (HB):** virus vaccine 3 doses at birth, 2 and 6 months
- Engerix®
- Recomivax HB®

**HPV:** Human papillomavirus vaccine 2 doses in Grade 7
- Gardasil®

**Influenza:** annual Flu shot, quadrivalent vaccine
2 doses at 6 months, annually thereafter
- Flulaval® Tetra or Fluzone® Quadrivalent

**Men-C:** Meningococcal serotype C vaccine at 12 months
- Menjugate®
- NeisVac-C®

**Men C-ACYW-135:** 4 Meningococcal serotypes, Grade 9
- Menveo®
- Menactra®

**MMRV:** measles, mumps, rubella, varicella (chickenpox)
4 live virus combination vaccine, at 18 months
- Priorix®
- Prevenar 13®

**Pneu C-13:** pneumococcal vaccine, at 2, 4 & 12 months
- Prevenar 13®

**Rotavirus:** live virus oral vaccine, at 2, 4 & 6 months
- Rotarix® (3 doses)

Other: Polysorbate 20, various Sodium salts

Potential Allergens: Yeast protein

**Live virus vaccines** can shed for varying amounts of time (weeks to months) in the body fluids of vaccinated people and can be transmitted to others.

“Little is known about the potential of live attenuated and genetically engineered vaccine viruses to mutate and recombine with other viruses and create new viruses that will cause disease or affect the integrity of the human genome, human microbiome and healthy functioning of the immune and neurological systems.” — NVIC at http://www.nvic.org/cmstemplates/nvic/pdf/live-virus-vaccines-and-vaccine-shedding.pdf

New Brunswick Public Health provides school vaccinations.

Private practitioners provide most pre-school vaccinations. Consent of patient/guardian (see page 6) is required to collect or disclose personal health records under the Privacy Act.

A complete guide to the New Brunswick Immunization Program is available. It includes the following information:

- Immunization Exemption Forms for entry to both Daycare and School are available for download. These will change if new rules are implemented in 2019 or 2020.
- Complete list of Reportable Adverse Events (AEFIs). Scroll down to pages 8–15. All possible events are listed 8a through 8d. An Adverse Event Report Form is also available on-line.

- Complete list of Reportable Adverse Events (AEFIs). Scroll down to pages 8–15. All possible events are listed 8a through 8d. An Adverse Event Report Form is also available on-line.

What’s In those Vaccines?

In the first 12 months of life, during critical phases of brain and immune system development, your baby will receive 31 doses of complex biochemical vaccine ingredients. We identify some of these substances, such as adjuvants, preservatives and other ‘clinically significant’ ingredients in the following brands:

**Example Vaccines received in the first year**

1. **3 HepB** — Engerix®-B
2. **3 Rotavirus** — RotaTeq™
3. **3 DTaP-IPV-Hib** — PediaCept®
4. **1 Men-C** — Menjugate®
5. **3 Pneu C-13** — Prevenar 13®
6. **1 MMRV** — Priorix®

**Energix-B** (HepB)

Adjuvant: Aluminum 250mcg X 3 doses = 750mcg

Potential Allergens: Yeast protein

Other: Polysorbate 20, various Sodium salts

**RotaTeq** (Rotavirus)

Other: DNA fragments from porcine circoviruses 1 & 2, Fetal bovine serum, Polysorbate 80, Residual protein from cell culture

**PediaCept** (DTaP-IPV-Hib)

Adjuvant: Aluminum 1500mcg X 3 doses = 4500mcg

Excipient: 2-Phenoxyethanol (PE)

Potential Allergens: Polymyxin B, Yeast protein. Neomycin, Tetanus toxoid carrier protein

**Menjugate** (Meningococcal)

Adjuvant: Aluminum 1000mcg X 1 dose = 1000mcg

Potential Allergens: Latex, Diphtheria CRM197 toxoid protein

Other: Disodium phosphate heptahydrate, Mannitol, Sodium chloride, Sodium dihydrogen phosphate monohydrate

**Prevenar-13** (Pneumococcal)

Adjuvant: Aluminum 125mcg X 3 doses = 375mcg

Potential Allergens: Diphtheria CRM197 toxoid carrier protein

Other: Polysorbate 80, Sodium chloride, Succinic acid

**Priorix-Tetra** (MMRV)

Potential Allergens: Neomycin, bovine gelatin, egg protein

Residual components of chick embryo cell cultures

Other: Human fetal cell DNA fragments, Amino acids, Lactose, Mannitol, Sorbitol

**Flulaval® Tetra** (Influenza)

Preservative: Thimerosal <25mcg mercury X 2 doses = <50mcg

Potential Allergens: Egg protein, Thimerosal

Other: Formaldehyde

Using the above vaccines in the first year of life, vaccinated babies will receive a total of 6625 micrograms(mcg) of aluminum and almost 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 20/80 & TritonX-100 emulsifiers can cross the blood brain barrier, ferrying any other vaccine ingredients into the brain with them.

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

New Brunswick 2020 Update

VCC Jan 2020