Minimum Intervals Between Eligible Doses: 2-year Olds with Up-to-date Immunizations

Immunization coverage analyses in British Columbia are conducted using business rules which calculate ages and time intervals at receipt of immunization. Each dose is counted as a valid dose only if given at or after the earliest eligible age, or at a time interval equal to or greater than the shortest recommended interval.

<table>
<thead>
<tr>
<th>Antigen/Agent</th>
<th>Minimum Age or Minimum Time Interval Between Eligible Doses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dose 1 A</td>
</tr>
<tr>
<td>Diphtheria, Tetanus, acellular Pertussis (DTaP)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>42 days</td>
</tr>
<tr>
<td>Polio</td>
<td></td>
</tr>
<tr>
<td></td>
<td>42 days</td>
</tr>
<tr>
<td>Hepatitis B</td>
<td></td>
</tr>
<tr>
<td>received 3rd dose before June 2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0 days</td>
</tr>
<tr>
<td>received 3rd dose between June 2007 and May 2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0 days</td>
</tr>
<tr>
<td>received 3rd dose in June 2014 or later</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0 days</td>
</tr>
<tr>
<td>Measles, Mumps, Rubella</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 months</td>
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<tr>
<td>Varicella</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 months</td>
</tr>
<tr>
<td>Meningococcal-C Conjugate</td>
<td></td>
</tr>
<tr>
<td>meningococcal-C conjugate vaccine</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 months</td>
</tr>
<tr>
<td>quadrivalent meningococcal vaccine (Menveo®),</td>
<td></td>
</tr>
<tr>
<td>initial dose before 12 months of age</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 weeks</td>
</tr>
<tr>
<td>quadrivalent meningococcal vaccine (Menveo®),</td>
<td></td>
</tr>
<tr>
<td>initial dose on or after 12 months of age</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 months</td>
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<tr>
<td>Haemophilus influenzae, type b</td>
<td></td>
</tr>
<tr>
<td>initial dose before 15 months of age</td>
<td></td>
</tr>
<tr>
<td></td>
<td>42 days</td>
</tr>
<tr>
<td>initial dose on or after 15 months of age</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 months</td>
</tr>
<tr>
<td>Pneumococcal Conjugate</td>
<td></td>
</tr>
<tr>
<td>initial dose before 12 months of age</td>
<td></td>
</tr>
<tr>
<td></td>
<td>42 days</td>
</tr>
<tr>
<td>initial dose between 12 and 23 months of age</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12-23 months</td>
</tr>
<tr>
<td>Rotavirus</td>
<td></td>
</tr>
<tr>
<td>trade name = Rotarix® or not specified</td>
<td></td>
</tr>
<tr>
<td></td>
<td>42 days</td>
</tr>
<tr>
<td>≥1 dose has trade name = RotaTeq®</td>
<td></td>
</tr>
<tr>
<td></td>
<td>42 days</td>
</tr>
</tbody>
</table>

A. Dose 1 refers to the earliest age a child can receive the initial dose.
B. Schedule for DTaP should be followed when poliomyelitis provided in combination vaccine.
C. Dose 3 must be given at least 16 weeks (112 days) after dose 1.
D. Dose 3 must be given on or after 24 weeks of age.
E. To be counted as valid, varicella vaccine must be administered on or after 12 months of age. Guidelines also state that children with a history of varicella disease should only be considered protected if the illness occurred on or after 12 months of age. The date of varicella disease onset is not systematically entered into iPHIS/Panorama. For the purposes of this assessment, any child with a past history if varicella disease recorded in iPHIS/Panorama is considered protected, regardless of their age at the time of illness.
F. The booster dose may be given as early as 12 months of age.
G. Dose must be given on or after 12 months of age.

British Columbia immunization coverage reports and definitions are available at: http://www.bccdc.ca/health-professionals/data-reports/immunizations.