Indications for Use and Schedule

Two rotavirus vaccines are licensed. Both are live, attenuated vaccines.

<table>
<thead>
<tr>
<th></th>
<th>RV5 (RotaTeq®)</th>
<th>RV1 (ROTARIX®)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of doses in series</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Recommended ages for doses</td>
<td>2, 4, and 6 months</td>
<td>2 and 4 months</td>
</tr>
<tr>
<td>Minimum age for first dose</td>
<td>6 weeks</td>
<td></td>
</tr>
<tr>
<td>Maximum age for first dose</td>
<td>14 weeks, 6 days</td>
<td></td>
</tr>
<tr>
<td>Minimum interval between doses</td>
<td>4 weeks</td>
<td></td>
</tr>
<tr>
<td>Maximum age for last dose</td>
<td>8 months, 0 days</td>
<td></td>
</tr>
</tbody>
</table>

- Complete the rotavirus series with the same product (RV5 or RV1) whenever possible
- Vaccination should not be deferred if the product used for previous doses is not available or unknown
- If any dose in the series was RV5 (RotaTeq) or the product is unknown for any dose in the series, a total of three doses should be given

Contraindications

- Previous anaphylactic reaction to a rotavirus vaccine or a component of the vaccine
- History of Severe Combined Immunodeficiency Disease (SCID)
- History of intussusceptions or history of uncorrected congenital malformation of the gastrointestinal tract that predisposes the infant to intussusception (Rotarix)
- Severe allergy to latex (Rotarix has latex in the oral applicator)

Precautions

- Moderate to severe illness or acute, moderate to severe gastroenteritis or vomiting
- Pre-existing chronic gastrointestinal disease
- History of receiving a blood transfusion or blood product, including immunoglobulin, within 42 days
- Altered Immunocompetence such as: blood dyscrasias, leukemia, on immunosuppressive therapy (including high-dose systemic corticosteroids), primary and acquired immunodeficiency states, including HIV/AIDS, cellular immune deficiencies and hypogammaglobulinemic and dysgammaglobulinemic states
- Moms who are HIV/AIDS positive and the infant’s HIV status is unknown

Further Points

- Rotarix must be reconstituted using the applicator prefilled with diluent & transfer adapter supplied with the Rotavirus vaccine vial; RotaTeq vaccine is ready to use.
- Record the lot number and expiration date for Rotarix from the inside box that contains the vaccine vials (do not use the number from the outer box).
- Do not repeat the dose if the infant spits out or regurgitates the vaccine
- There is one combined Rotavirus Vaccine Information Statement (VIS). information are available at http://www.immunize.org/vis/
- Rotavirus vaccine may be used with premature infants (discharged from the hospital and clinically stable) or a child living with a pregnant woman or immunocompromised persons.

For additional information, refer to CDC/ACIP Recommendations on Rotavirus Vaccines including supplemental MMWR publications on intussusception and contraindications at http://www.cdc.gov/vaccines/recs

Adapted from the Michigan Department of Community Health

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