



Rotavirus Vaccines: RV5 (RotaTeq®) and RV1 (ROTARIX®)

Indications for Use and Schedule

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

	RV5 (RotaTeq®)	RV1 (ROTARIX®)
Number of doses in series	3	2
Recommended ages for doses	2, 4, and 6 months	2 and 4 months
Minimum age for first dose	6 weeks	
Maximum age for first dose	14 weeks, 6 days	
Minimum interval between doses	4 weeks	
Maximum age for last dose	8 months, 0 days	

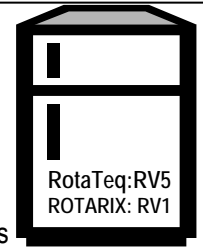
- Complete the rotavirus series with the same product (RV5 or RV1) whenever possible
- Vaccination should not be deferred if the product used for previous doses is not available or unknown
- If any dose in the series was RV5 (RotaTeq) or the product is unknown for any dose in the series, a total of three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

Vaccine Administration

- RV5: Given orally, 2 mL (premixed)
- RV1: Given orally, 1 mL (need to reconstitute)
- Can be given with other vaccines, at the same visit
- Do not add to other liquids or food
- Do not repeat doses that are spit up or vomited; Count the dose and give the next dose as scheduled

Storage and Handling

- Store in the refrigerator between 35°-46° F (2°-8°C)
- Do NOT freeze
- Keep in the original boxes
- Live vaccine vials, syringes, & tubes must be discarded into biologic waste containers



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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