# Rotavirus Routine and Catch-up Vaccine Protocol

vaccine protocol for Persons Age 6 to 32 weeks

**Document reviewed and updated:** **June 6, 2023**

## Condition for protocol

To reduce incidence of morbidity and mortality of rotavirus disease.

## Policy of protocol

The nurse will implement this protocol for rotavirus vaccination.

## Condition-specific criteria and prescribed actions

**Delete this entire paragraph before printing/signing protocol.**

[Instructions for persons adopting these protocols: The table below lists indication, contraindication, and precaution criteria and suggested prescribed actions that are necessary to implement the vaccine protocol. The prescribed actions include examples shown in brackets but may not suit your institution’s clinical situation and may not include all possible actions. A licensed prescriber must review the criteria and actions and determine the appropriate prescribing action.]

Indications

|  |  |
| --- | --- |
| Criteria | Prescribed action |
| Currently healthy infant age 6 through 32 weeks. | Proceed to vaccinate if meets remaining criteria. |
| Currently healthy premature infant (born before 37 weeks gestation) age 6 through 32 weeks and has been discharged from the hospital. | Proceed to vaccinate if meets remaining criteria. |
| Infant is less than age 6 weeks. | Do not give. [Reschedule vaccination when child meets age criteria.] |
| Child is 15 weeks, 0 days old and has not initiated the rotavirus vaccine series. | Do not start the series. |
| Child is older than 8 months, 0 days. | Do not give, has reached the maximum age. |
| Child is more than 1 month behind routine schedule and is younger than 8 months, 1 day. | Follow catch-up schedule. |

Contraindications

|  |  |
| --- | --- |
| Criteria | Prescribed action |
| Child had a severe allergic reaction after a previous dose of Rotarix vaccine. | Do not vaccinate. |
| Child has a severe allergy to a component of rotavirus vaccine. | Do not vaccinate. |
| **Rotarix (RV1) only:** Child has a systemic allergy (anaphylaxis) to latex. | Do not use the Rotarix formulation. [Give only Rotateq.] [Refer to another provider for administration of Rotateq vaccine.] |
| Child has Severe Combined Immunodeficiency (SCID) | Do not vaccinate. |
| Child with previous history of intussusception. | Do not vaccinate. |

Precautions

|  |  |
| --- | --- |
| Criteria | Prescribed action |
| Child is currently on antibiotic therapy. | Proceed to vaccinate. |
| Child has a mild illness defined as temperature less than \_\_\_\_°F/°C with symptoms such as: {to be determined by medical prescriber}; or mild gastrointestinal symptoms including: {to be determined by medical prescriber}. | Proceed to vaccinate. |
| Child has a moderate to severe illness defined as temperature \_\_\_\_°F/°C or higher with symptoms such as: {to be determined by medical prescriber. | Defer vaccination and {to be determined by medical prescriber} |
| Child currently has acute, gastrointestinal illness including the following symptoms: {to be determined by medical prescriber}. | [Defer vaccination until symptoms resolve.] |
| Child with pre-existing gastrointestinal disease. | Do not vaccinate; [refer to primary care provider.] [refer to child’s gastrointestinal specialist.] |
| Child has altered immunocompetence including primary or acquired immunodeficiency, blood dyscrasias, leukemia, lymphomas or neoplasm affecting the bone marrow or lymphatic system, on immunosuppressive therapy, HIV-exposed or infected. | Do not vaccinate; [refer to primary care provider.] [refer to child’s healthcare specialist.] |
| Rotarix (RV1) only: Child has spina bifida, bladder exstrophy or sensitivity to latex. | Do not vaccinate; [refer to primary care provider for evaluation of risk and benefit of giving rotavirus vaccine] |

## Prescription

### Routine vaccination

* Give Rotarix 1.0 ml, PO at ages 2 months and 4 months, or
* Give Rotateq 2.0 ml, PO at ages 2, 4 and 6 months.

Note: If infant spits up or regurgitates dose, do not repeat.

* If Rotarix is completing a schedule started with Rotateq (or unknown), a total of 3 doses is required at ages 2 months, 4 months, and 6 months.
* Do not give any doses after 8 months, 0 days of age.

### Catch-up schedule

* Minimum interval between doses:
  + Dose 1 to dose 2: 4 weeks (do not start the series if the child is older than 15 weeks).
  + Dose 2 to dose 3 (if all doses Rotateq or any unknown): 4 weeks.
* If Rotarix is completing a schedule started with Rotateq (or unknown), a total of 3 doses are required, the minimum interval between dose 1 and dose 2 and between dose 2 and dose 3 is 4 weeks.

## Medical emergency or anaphylaxis

Follow pre-established agency protocol for anaphylaxis.

## Question or concerns

**Insert overseeing medical consultant’s information below and delete this sentence before printing/signing.**

In the event of questions or concerns call (insert name) at (insert phone number).

**This protocol shall remain in effect until rescinded.**

Name of prescriber (please print):

Prescriber signature:

Date: