

# Specifications for Measles, Mumps, and Rubella (MMR) and Varicella Vaccines

## Measles, mumps, and rubella vaccines

The routine childhood series calls for two doses of MMR vaccine.

### Scheduling of doses for medically acceptable standards

- MMR dose one given at age 12-15 months.
  - Minimum age for dose one is 12 months.
- MMR dose two given at age 4-6 years.
  - Minimum interval between first and second doses is 4 weeks.

### Practical implementation for kindergarten through grade 12

- Kindergarten through grade 12: Two doses

### Any of the following vaccines count as valid:

MIIC vaccine ID	Generic name	Trade name	CPT code	CVX code
46	MMR	Priorix	90707	03
46	MMR	MMR II	90707	03
44	Measles-Rubella	Measles-Rubella (MERU)	90708	04
44	Measles-Rubella	M-R-VAX	90708	04
49	Rubella-Mumps	Mumps-Rubella (MURU)	90709	38
49	Rubella-Mumps	Biavax II	90709	38
50	MMRV	Proquad	90710	94

## Varicella vaccines

The routine childhood series calls for two doses of varicella vaccine.

### Scheduling of doses for medically acceptable standards

- Varicella dose one given at age 12-15 months.
- Minimum age for dose one is 12 months.
- Varicella dose two given at age 4-6 years.
- Minimum interval between first and second doses is 4 weeks.

### Practical implementation for kindergarten through grade 12

Kindergarten through grade 12: Two doses

**Any of the following vaccines count as valid:**

MIIC vaccine ID	Generic name	Trade name	CPT code	CVX code
50	MMRV	Proquad	90710	94
68	Varicella	Varivax	90716	21

**Four-day grace period**

CDC allows for a four-day grace period for all minimum ages and intervals. Doses that are given within the four days prior to a minimum age or interval can still be counted as valid doses. For example, if a person receives their first dose of MMR four days before their first birthday, the dose can still be counted as valid. For more information refer to [CDC: Timing and Spacing of Immunobiologics \(www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html\)](http://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html).

**Live virus vaccine considerations**

MMR, Varicella, and other live-virus vaccines (live influenza FluMist®) can be given on the same day but otherwise must be separated by 28 days; if given after 28 days, the later dose is invalid. The four-day grace period does not apply for the interval between two live virus vaccines.

**References**

1. [CDC: Child and Adolescent Immunization Schedule by Age \(www.cdc.gov/vaccines/schedules/hcp/imz/child-adolescent.html\)](http://www.cdc.gov/vaccines/schedules/hcp/imz/child-adolescent.html).
2. [CDC: Timing and Spacing of Immunobiologics \(www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html\)](http://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html).
3. [CDC: Recommended Catch-up Immunization Schedule for Children and Adolescents Who Start Late or Who Are More than 1 Month Behind \(www.cdc.gov/vaccines/schedules/hcp/imz/catchup.html\)](http://www.cdc.gov/vaccines/schedules/hcp/imz/catchup.html).

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