



A Quick Look at Using MMR Vaccine (Measles, Mumps, Rubella)

<p>Schedule for Persons without Evidence of Immunity*</p> <ul style="list-style-type: none">• 2-dose series for children age 12 months through 18 years<ul style="list-style-type: none">- Routinely given at age 12 months & 4-6 years• 1 dose for adults born in 1957 or later<ul style="list-style-type: none">- If high risk, these adults should receive 2 doses<ul style="list-style-type: none">○ Health Care Personnel (HCP), International Travelers, College Students• Minimum Intervals<ul style="list-style-type: none">- Minimum age for 1st dose is age 12 months- Minimum interval between doses is 4 weeks <p>“Live/Live Vaccine Rule”</p> <ul style="list-style-type: none">• Live vaccines (i.e., MMR, Var, LAIV) must be given on the same day or separated by 28 days<ul style="list-style-type: none">- If not, vaccines given last must be repeated in 28 days	<p>Vaccine Administration</p> <ul style="list-style-type: none">• Subcutaneous (SC) injection in the upper arm or the outer aspect of the thigh• 5/8 inch needle; 23-25 gauge (all ages)• Can be given with other vaccines, at the same visit<ul style="list-style-type: none">- Use separate sites; space at least 1 inch apart) <p>Storage and Handling</p> <ul style="list-style-type: none">• May be kept in either storage unit: **<ul style="list-style-type: none">- Freezer at -58°F to +5°F (-50°C to -15°C)- Refrigerator at 35°-46°F (2-8° C)• Keep in the original box• Protect from light• Reconstitute using the Merck diluent only <p>**Stand-alone purpose build units are preferred</p>
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*EVIDENCE OF IMMUNITY

- Documentation of age-appropriate vaccination (refer to schedule above)
- Persons born in 1956 or earlier--unless pregnant or HCP (refer to “Further Points”)
- Lab evidence of immunity to measles, mumps and rubella
- Lab confirmation of all 3 diseases

CONTRAINDICATIONS

- An anaphylactic reaction to a prior dose of MMR, or single-antigen measles, mumps or rubella vaccine
- An anaphylactic reaction to a component of MMR vaccine, including gelatin or neomycin
- Pregnant or planning on becoming pregnant in the next 4 weeks (inform girls/women in child-bearing years)
- Severe immunosuppression from either disease or therapy (i.e. chemotherapy, certain medications)

PRECAUTIONS

- Moderate to severe acute illness
 - History of thrombocytopenia or thrombocytopenic purpura
 - Receipt of a blood or blood product within the last year (wait time varies by the type of blood/product administered)
- For further information refer to: <http://www.cdc.gov/vaccines/pubs/pinkbook/index.html> (see appendix A)

FURTHER POINTS

- All persons born before 1957 may receive 1-2 doses of MMR if there are no contraindications to vaccination
- During an outbreak of measles, all exposed adults born in 1957 or later should have a history of 2 doses of MMR
- Unvaccinated HCP born before 1957 & without other evidence of immunity should receive 2 dose of MMR during a facility outbreak of measles or mumps and 1 dose of MMR during a rubella outbreak; consider routine vaccination for this age group
- Infants age 6 through 11 months should receive 1 dose of MMR prior to international travel
 - This dose will not count toward the 2-dose childhood series recommended at age 12 months and 4-6 years
- TB skin testing (TST): May give MMR & TST on same day and read TST 48-72 hours later
 - If MMR is given first, wait at least 4 weeks before administering a TST (ensures the TST is not affected by the vaccine)
 - If TST is done first (not on the same day as MMR is given), delay vaccination until the TST is read
- MMR vaccine may be administered to children with a history of egg allergy without skin testing or use of special protocols
- To best protect susceptible pregnant women and persons with immunosuppression, vaccine should be offered to all household and close contacts who do not have evidence of immunity and have no contraindication to vaccination
- Breastfeeding is not a contraindication to MMR vaccination in either the mom or the infant
- There is a MMR Vaccine Information Statement (VIS), including information about the Michigan Care Improvement Registry (MCIR); VISs are available at www.michigan.gov/immunize or your local health department.
- Document as “MMR” in MCIR, on the vaccine administration record and immunization record card

Publicly purchased Varicella vaccine can be administered to eligible children 12 months through 18 years of age through the Vaccines for Children (VFC) Program in public clinics and private providers’ offices. Eligible children include those who are uninsured, underinsured, Medicaid eligible, Native American or Alaskan Natives. Contact your local health department for more information.

For additional information, refer to VFC Program Resolutions or “MMR—Vaccine Use and Strategies for Elimination of Measles, Rubella, CRS and Control of Mumps” located at <http://www.cdc.gov/vaccines/recs> and “Health Care Personnel Vaccination Recommendations” at www.michigan.gov/immunize.

Updates of this form will be posted at www.michigan.gov/immunize.

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