

Indiana Statewide Standing Order for Measles Vaccination to Address the 2019 Measles Outbreak

Purpose: To ensure that all Hoosiers are properly vaccinated against measles.

Policy: Standing orders enable pharmacists to assess and vaccinate persons who meet any of the criteria below.

Eligible Recipients:

- Any adults born after 1957 who may have received inactivated measles vaccine between 1963 and 1968
- Adults who are unsure of the specific measles vaccine that they received
- Adults with an unknown vaccination status
- Adults who are health care personnel (not just clinical staff)
- Students at post-secondary institutions (such as colleges or vocational schools)
- International travelers

Procedure:

1. **Assess persons born after 1957 who may have received the inactivated measles vaccine between 1963 and 1968, adults that are unsure of the specific measles vaccine that they received, adults with an unknown vaccination status, adults who are health care personnel, students at post-secondary institutions and international travelers.**
2. **Screen for contraindications and precautions**
 - a. **Contraindications:**
 - Do not give MMR vaccine to a person who has experienced a severe allergic reaction (e.g., anaphylaxis) after a previous dose of MMR vaccine or to any of its components. For a list of vaccine components, refer to the manufacturer's package insert (www.immunize.org/packageinserts) or go to www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/B/excipient-table-2.pdf.
 - Do not give MMR vaccine to a woman who is pregnant or may become pregnant within 1 month (pregnant women should be vaccinated upon completion or termination of pregnancy).
 - Do not give MMR vaccine to a person having known severe immunodeficiency (e.g., from hematologic and solid tumors, receipt of chemotherapy, congenital immunodeficiency, long-term immunosuppressive therapy).
 - Do not give MMR vaccine to a person receiving high-dose systemic immunosuppressive therapy (e.g., two weeks or more of daily receipt of 20 mg or more [or 2 mg/kg body weight or more] of prednisone or equivalent).

- Do not give MMR vaccine to an adult with a family history of congenital or hereditary immunodeficiency in first-degree relatives (e.g., parents, siblings) unless the immune competence of the potential vaccine recipient has been clinically substantiated or verified by laboratory testing.
- Do not give MMR vaccine to an adult with human immunodeficiency virus (HIV) infection and CD4+ T-lymphocytes count 200 cells/ μ L for 6 months or more.) In circumstances where only counts or only percentages are available on the lab report, assessment can be based on the laboratory measure that is available (i.e., counts or percentages).

b. Precautions:

- Moderate or severe acute illness with or without fever
- History of recent (within the past 11 months) receipt of antibody-containing blood product
- History of thrombocytopenia or thrombocytopenic purpura
- Need for tuberculin skin testing or interferon-gamma release assay (IGRA) testing. If active tuberculosis is suspected, MMR should be delayed. Measles vaccination might suppress tuberculin reactivity temporarily. Measles-containing vaccine can be administered on the same day as tuberculin skin testing, or should be postponed for at least 4 weeks after the vaccination.

3. **Provide Vaccine Information Statement**

Provide all patients with a copy of the most current federal Vaccine Information Statement (VIS). Provide non-English speaking patients with a copy of the VIS in their native language, if one is available and desired; these can be found at www.immunize.org/vis. (For information about how to document that the VIS was given, see section 6 titled “Document Vaccination.”)

4. **Prepare to Administer Vaccine**

Choose the needle gauge, needle length, and injection site according to the following chart.

Needle gauge	Needle length	Injection site
23-25	5/8”	Fatty tissue over triceps

5. **Administer MMR vaccine.** Administer 0.5 mL for patients ages 19 years and older via the subcutaneous (SC) route according to the following table:

History of previous MMR vaccination	Dose and schedule for administration of MMR
0 documented doses, receipt of inactivated measles vaccine between 1963 and 1968, or vaccination status unknown	Give 0.5 mL MMR as dose #1. If indicated*, give dose #2 at least 4 weeks later.
1 previous dose of MMR	If indicated,* give 0.5 mL MMR as dose #2 at least 4 weeks after dose #1. *Dose #2 is recommended for high-risk individuals born after 1957, including students at post-high school educational institutions, healthcare personnel, and international travelers.

6. Document Vaccination

- a. **Medical record:** Record the date the vaccine was administered, the manufacturer and lot number, the vaccination site and route, and the name and title of the person administering the vaccine. You must also document, in the patient's medical record or office log, the publication date of the VIS and the date it was given to the patient. Note that medical records/charts should be documented and retained in accordance with applicable state laws and regulations. If vaccine was not administered, record the reason(s) for non-receipt of the vaccine (e.g., medical contraindication, patient refusal). Offer the vaccine to the patient at the next visit.
- b. **Children and Hoosier Immunization Registry Program (CHIRP):** Record must be entered into CHIRP within seven (7) business days of administration according to state law.
- c. Document patient or guardian consent for vaccination if appropriate.

7. Be Prepared to Manage Medical Emergencies

Be prepared for management of a medical emergency related to the administration of vaccine by having a written emergency medical protocol available, as well as equipment and medications. For IAC's "Medical Management of Vaccine Reactions in Adult Patients," go to www.immunize.org/catg.d/p3082.pdf. To prevent syncope, vaccinate patients while they are seated or lying down and consider observing them for 15 minutes after receipt of the vaccine.

For any medical questions related to vaccine administration, please contact Dr. Kristina Box, State Health Commissioner, Indiana State Department of Health at 463-224-0762.

8. Report Adverse Events to VAERS

Report all adverse events following the administration of MMR vaccine to the federal Vaccine Adverse Event Reporting System (VAERS). To submit a VAERS report online (preferred) or to download a writable PDF form, go to <https://vaers.hhs.gov/reportevent.html>.

Geographic Region: This standing order is applicable statewide.

Standing Orders Authorization: This standing order is issued pursuant to Indiana Code 16-19-4-11, which allows the State Health Commissioner to issue a standing order that allows pharmacists to administer or dispense an immunization that is recommended by the federal Centers for Disease Control and Prevention Advisory Committee on Immunization Practices for individuals who are not less than eleven (11) years of age. This standing order is for pharmacists only.

This standing order is effective April 30, 2019 through December 31, 2019.



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