Measles Vaccine Recommendations

Assess immune status/vaccination history

- **Born before 1957**
  - Patient not recommended to receive MMR, unless employed as healthcare personnel. Presumptively considered immune due to circulation of measles during childhood.

- **Born in or after 1957**
  - **Children ages 6 to 11 months**
    - Patient not recommended to receive MMR, unless employed as healthcare personnel.
    - Patient not recommended to receive a dose of MMR, unless traveling internationally, then one dose recommended (will still need 2 doses after 12 months of age).

  - **Children in kindergarten through 12th grade**
    - Patient recommended to have at least one dose of MMR, unless presumptive evidence of immunity* or in a high risk group recommended to receive two doses.†

  - **Children ages 12 months to kindergarten entry**
    - Patient recommended to have two doses of MMR, unless in a high risk group recommended to receive two doses.†

  - **Children ages 6 to 11 Months**
    - Patient recommended to have at least one dose of MMR, unless presumptive evidence of immunity* or in a high risk group recommended to receive two doses.†

  - **Children ages <6 Months**
    - Patient recommended to have at least one dose of MMR, unless presumptive evidence of immunity* or in a high risk group recommended to receive two doses.†

- **Adults ages 19 and older**
  - Received Killed or Unknown measles vaccine (killed vaccine was available from 1963 to 1968)
  - Patient recommended to have at least one dose of MMR, unless presumptive evidence of immunity* or in a high risk group recommended to receive two doses.†

- **Patients recommended to have two doses of MMR, unless in a high risk group recommended to receive two doses.†**

- **High risk groups recommended to receive 2 doses of MMR (or have presumptive evidence of immunity*)**
  - International travelers
    - Adults and children ages 12 months or older: 2 doses of MMR
    - Children ages 6 to 11 months: 1 dose of MMR
  - Healthcare personnel (even if born before 1957)
  - Student at post-high school educational institutions (North Dakota colleges and universities require two doses of MMR)

- **Presumptive evidence of immunity includes any of the following (documented, rather than self-reported):**
  - Written documentation of age appropriate vaccination
  - Laboratory confirmation of past infection or had blood tests that show you are immune to measles
  - Born before 1957

Note: There is no recommendation for an adult catch-up or vaccination campaign among adults or individuals in non-affected areas to prevent measles.

Contraindications to receiving a dose of MMR:
- Severe allergic reaction (e.g., anaphylaxis) after a previous dose or to vaccine component
- Have a weakened immune system due to disease (such as cancer or HIV/AIDS) or medical treatments (such as radiation, immunotherapy, steroids or chemotherapy)
- Pregnancy
- Have a parent, brother, or sister with a history of immune system problems

High risk groups recommended to receive 2 doses of MMR (or have presumptive evidence of immunity*)

- International travelers
  - Adults and children ages 12 months or older: 2 doses of MMR
  - Children ages 6 to 11 months: 1 dose of MMR
- Healthcare personnel (even if born before 1957)
- Student at post-high school educational institutions (North Dakota colleges and universities require two doses of MMR)

Presumptive evidence of immunity includes any of the following (documented, rather than self-reported):
- Written documentation of age appropriate vaccination
- Laboratory confirmation of past infection or had blood tests that show you are immune to measles
- Born before 1957

For complete recommendations visit: [www.cdc.gov/vaccines/schedules/index.html](http://www.cdc.gov/vaccines/schedules/index.html)