EVALUATING A PATIENT PRESENTING WITH RASH
when there is no local measles transmission

South Dakota Department of HEALTH — DOH.SD.GOV

Scan for measles healthcare provider resources

START HERE

Needs ALL 3:
- ☐ Fever
- ☐ Generalized, maculopapular rash
- ☐ No vesicular lesions/vesicle

No → Measles unlikely. If vesicular rash, consider varicella or alternative cause of rash.

Yes ↓

Epidemiologic risk for measles in the 21 days before rash?
ANY of the following:
- ☐ International travel in last 21 days
- ☐ Domestic travel in last 21 days to an area with known measles transmission
- ☐ Known exposure to measles

No →

Measles clinical criteria?
- ☐ Fever and rash
  AND
- ☐ Cough, runny nose, OR conjunctivitis

No → Measles unlikely. If measles still suspected, contact state or local health department for guidance.

Yes ↓

Received MMR vaccine in the last 21 days?

Yes → Likely a reaction to MMR vaccination

No ↓

Prior measles vaccination?
- ☐ Age ≤6 years: 1 dose MMR*
- ☐ Age >6 years: 2+ doses MMR
  *or other measles-containing vaccine

Yes → Measles uncommon among people with age-appropriate vaccination. Measles can occur among vaccinated people, but generally during intense exposure (e.g., daycare or household exposure).

If measles suspected based on clinical presentation or severity of illness, contact state or local health department for guidance.

No →

(Epidemiologic risk) **Yes** ↓

Suspect measles.
Immediately contact local or state health department to discuss testing options.
See Testing Recommendations.

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