

The South Carolina Department of Public Health provides this Clinical Assessment Guide for clinicians unfamiliar with the evaluation of suspected measles cases. The Guide outlines considerations that should be given to the evidence of measles immunity, the distinctive clinical course, and epidemiologic links, that suggest strong evidence of measles to aid in diagnosis.

SOUTH CAROLINA DEPARTMENT OF PUBLIC HEALTH MEASLES CLINICAL ASSESSMENT GUIDE			
Measles is immediately reportable per the <a href="#">South Carolina List of Reportable Conditions</a>			
<b>Scores of 3, depending on the risks identified, may indicate suspect measles. Consider testing.</b> <b>Scores <math>\geq 4</math> should be reported to DPH as probable measles cases to initiate investigation and facilitate testing.</b>			
	0 (Low Risk)	1 (Some Risk)	2 (High Risk)
<b>Evidence of Immunity</b> One previous dose of MMR < 5% remain susceptible Two previous doses of MMR < 1% remain susceptible	Documented age-appropriate vaccination with live measles vaccine; OR Birth before 1957	No vaccination records available; patient is unsure	Unvaccinated; never had disease
<b>Clinical Presentation</b> Typical prodrome lasting at least several days: Fever $\geq 101$ F or 38.3 C and at least one of: cough, coryza, or conjunctivitis. May include malaise, anorexia, or diarrhea Typical rash: Following prodrome. Maculopapular lasting $\geq 3$ days, starting at hairline or face, spreading down to trunk and last to extremities. Koplik's spots (bluish gray specks on a red base on the buccal mucosa) most often adjacent to the 2 <sup>nd</sup> molars.	Atypical presentation (e.g. no fever)  Other causes of rash more likely, e.g. Fifth disease; HFM, scarlet fever; recent antibiotics.	Not typical prodrome (e.g. fever and rash begin together, or rash starts on trunk or extremities)	Typical prodrome; AND Typical rash
<b>Exposure Risk</b> - Known <b>exposure</b> to measles or possible epidemiologic link	No exposure to confirmed cases; AND no travel history or exposure to travelers.	Unknown; OR Travel area with no known transmission, no airport)	Epi linked to confirmed cases; OR travel to areas with known transmission; OR Time spent in airport