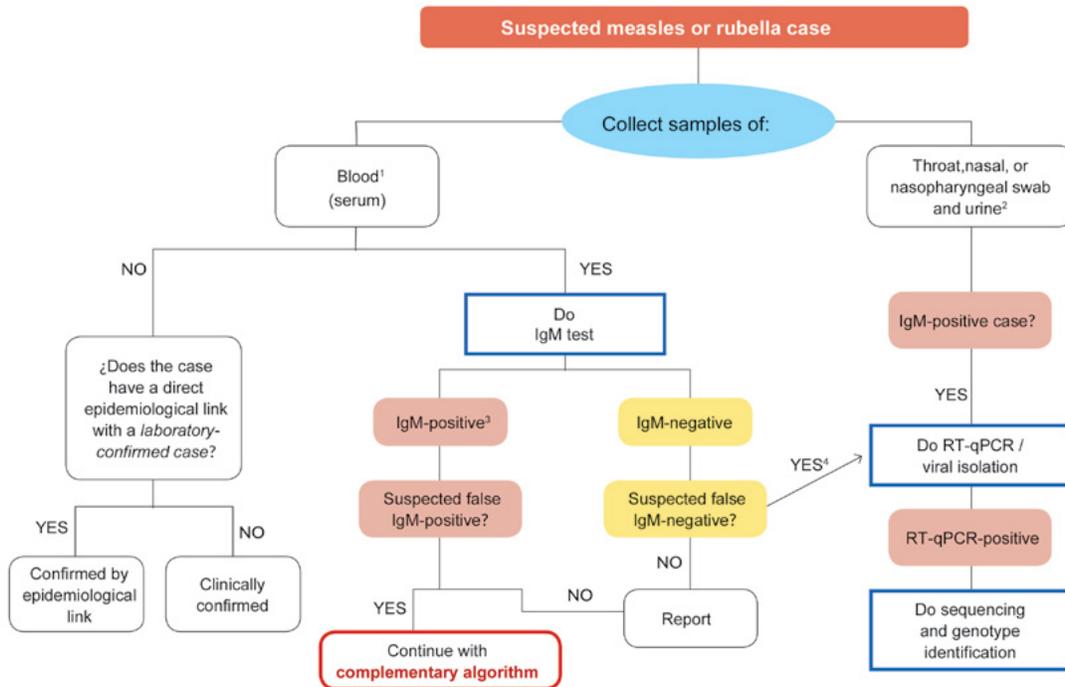


ALGORITHMS continued from page 4

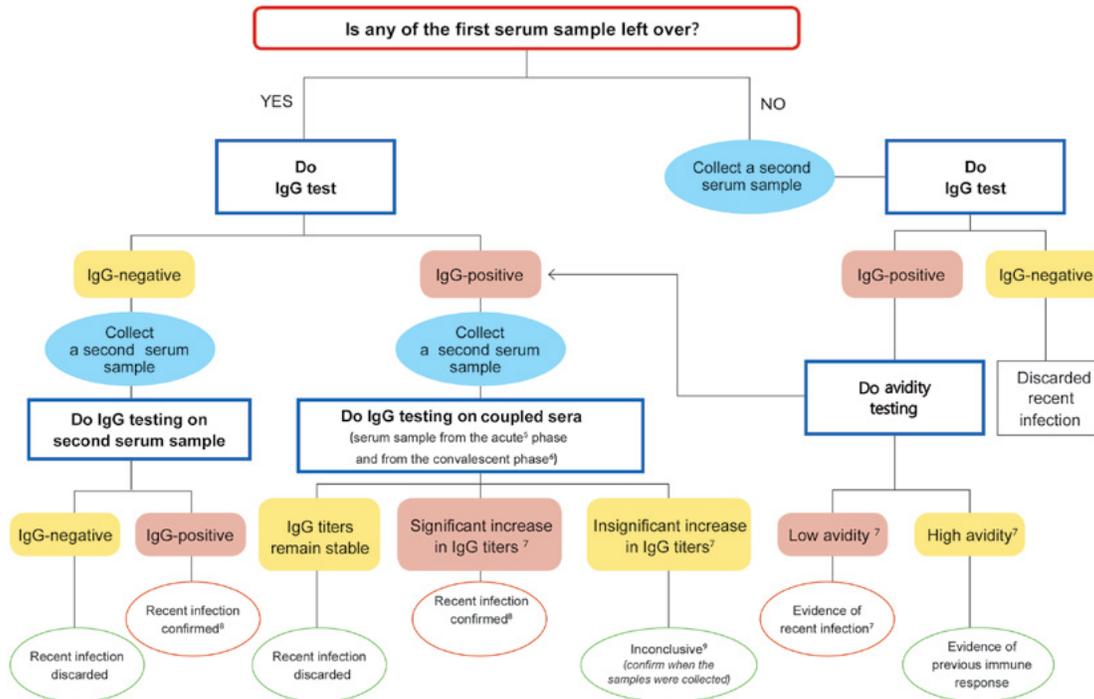
Routine algorithm for testing of specimens from a suspected measles and rubella case



¹ Collect an adequate serum sample no more than 30 days after rash onset.
² Collect a respiratory specimen within 3 days of rash onset and no later than 10 days.
³ In an elimination setting, all IgM-indeterminate results should be regarded as IgM-positive. Virological testing is recommended.
⁴ Analyze IgG in the first serum sample and request collection of a second sample for additional testing. Virological testing is recommended.

Source: Pan American Health Organization. Guidance for testing of measles and rubella in the Laboratory Network of the Region of the Americas. Washington, D.C.: PAHO; 2018. in press.

Complementary algorithm for serological testing of specimens with an initial IgM-positive or indeterminate results



⁵ Collect an adequate serum sample within 7 days of rash onset.
⁶ Collect an adequate serum sample in the convalescent phase, 14-21 days after the sample from the acute phase.
⁷ Follow the criteria for test interpretation.
⁸ Evidence indicates a recent infection (either wild type or a vaccine strain).
⁹ Correlate with IgG avidity results.

Source: Pan American Health Organization. Guidance for testing of measles and rubella in the Laboratory Network of the Region of the Americas. Washington, D.C.: PAHO; 2018. in press.