

**APPENDIX B: MEASLES CONTACT TRACKING FORM**

Date	___ / ___ / ___		Time:	Investigator:
Case Name			Case rash onset date: ___ / ___ / ___	
Contact Name				
Date of first contact	___ / ___ / ___	Date of last	___ / ___ / ___	
Symptom watch dates	___ / ___ / ___ (1st contact + 7 days) to ___ / ___ / ___ (Last contact +21 days)			
Relation to Case	<input type="checkbox"/> Household	<input type="checkbox"/> Family, non-household	<input type="checkbox"/> Co-Worker	
	<input type="checkbox"/> Healthcare Worker	<input type="checkbox"/> Friend	<input type="checkbox"/> Other _____	
DOB	___ / ___ / ___			
Age		<input type="checkbox"/> Years	<input type="checkbox"/> Months	
Address				
City, State, Zip				
County				
Home Phone	(     ) _____ - _____			
Work Phone	(     ) _____ - _____			
Other Phone	(     ) _____ - _____			
Contact location				
Location details				
Is contact symptomatic?	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of onset	___ / ___ / ___			
Briefly describe symptoms				
Last date contact followed	___ / ___ / ___			
Immune Status	<input type="checkbox"/> Had measles		<input type="checkbox"/> Born before 1957	
	<input type="checkbox"/> Unknown		<input type="checkbox"/> Pending serology Date collected ___ / ___ / ___ Results: _____	
	<input type="checkbox"/> Unvaccinated		<input type="checkbox"/> Vaccinated # MMR rec'd before exposure: ___ #1 ___ / ___ / ___ #2 ___ / ___ / ___	
Contacted by PH?	<input type="checkbox"/> Recommendations given		<input type="checkbox"/> Left message	<input type="checkbox"/> Not contacted
Notes or actions needed				

# APPENDIX E: Algorithm for assessment and management of persons with definite exposure to measles and public callers with possible exposure to measles at a public site

Immunization Status →	Birth before 1957	2 doses	1 dose <sup>&amp;</sup>	0 doses		Unknown	
<b>Risk assessment:</b>	Presumed immune	Presumed immune	~95% effective	<b>Susceptible!</b>		Presume susceptible	
<b>Prophylaxis:</b>	None	None	MMR within 72 hours of exposure	MMR within 72 hours of exposure; Consider IG (if indicated <sup>1</sup> ) within 6 days of exposure*		MMR within 72 hours of exposure; Consider IG (if indicated <sup>1</sup> ) within 6 days of exposure*	
<b>Recommendations:</b>	No recommendations or restrictions	No recommendations or restrictions	Second MMR recommended even if >72 hours after exposure (but MMR within 72 hours preferred)	<b>Close Contacts<sup>ε</sup></b> (Asymptomatic)	<b>Public Callers<sup>#</sup></b> (Asymptomatic)	<b>Close Contacts<sup>ε</sup></b> (Asymptomatic)	<b>Public Callers<sup>#</sup></b> (Asymptomatic)
				Do not vaccinate if too late for prophylactic MMR (i.e. >72 hours after exposure) <sup>2</sup>	Get a dose of MMR	Draw blood for serum IgG titer and then give a dose of MMR.	Get a dose of MMR. Strongly encourage drawing blood for serum IgG titer.
<b>Symptom Watch:</b>	Yes Discuss date of exposure and symptom watch times.	Yes Discuss date of exposure and symptom watch times.	Yes Discuss date of exposure and symptom watch times.  Adverse event a possibility 5-12 days after MMR received <sup>3</sup> <ul style="list-style-type: none"> <li>• 5% get rash</li> <li>• 15% get fever</li> </ul>	Yes Discuss date of exposure and symptom watch times.  Explain what to do if symptoms: i.e. stay home Call PH/HC provider before going to HCF.	Yes Discuss date of exposure and symptom watch times.  Explain what to do if symptoms: i.e. stay home Call PH/HC provider before going to HCF.	Yes Discuss date of exposure and symptom watch times.  Explain what to do if symptoms: i.e. stay home Call PH/HC provider before going to HCF.	Yes Discuss date of exposure and symptom watch times.  Explain what to do if symptoms: i.e. stay home Call PH/HC provider before going to HCF.
<b>Exclusion:</b>	None unless symptoms develop.	None unless symptoms develop.	None unless symptoms develop.	Yes!  Quarantine <sup>4</sup> at home with no non-immune visitors and avoidance of all public settings from 7- 21 days after exposure regardless of whether they received vaccine within 72 hours or IG within 6 days of exposure.	None unless symptoms develop  If becomes symptomatic, during the 7-21 days after exposure, isolate <sup>4</sup> and test for measles if rash develops.	Stay home from day 7 after exposure until titer results available.  If titer positive: no further restrictions and no MMR needed.  If titer negative or not done: Quarantine at home <sup>4</sup> for 7-21 days after exposure.	None unless symptoms develop  If becomes symptomatic, during the 7-21 days after exposure, isolate <sup>4</sup> and test for measles if rash develops.  If titer positive: no further restrictions.
<b>Follow-up:</b>	None	None	None	Vaccinate after 21 days if measles did not develop.	None	Vaccinate after 21 days if no MMR was given and measles did not develop.	None

<sup>e</sup> Named close contacts that can be monitored daily and who have had a specific measles exposure identified.

<sup>#</sup>Public callers are members of the public who may have been exposed to measles because of being in the same place/time as the infectious measles case but who are not named close contacts. This excludes other members of the general public (who should be recommended to follow CDC vaccination schedules and get up to date on vaccines).

<sup>&</sup>Health Care Workers (HCW) with one dose of MMR who have a definite or possible measles exposure (i.e. who are named close contacts or public callers) should be treated as a close contact with unknown MMR status. This additional caution is necessary due to the higher risk that a HCW contagious for measles might expose medically fragile individuals.

<sup>\*</sup>Vaccination and IG recommendations (such as recommended timing between MMR doses, vaccination of infants <1 year, and circumstances under which to give IG), may vary between local health jurisdictions depending on outbreak circumstances in each locale.

<sup>1</sup>Indications for IG include: Age <1 year, pregnancy, immunosuppression.

<sup>2</sup>MMR >72 hours after last exposure is not recommended for close contacts with 0 previous doses because of the possibility of adverse event (fever and/or rash) after first MMR. Vaccine-associated fever/rash, if they occur, typically develop ~2 weeks after vaccination, mimicking the incubation and symptoms of the measles virus. MMR given >72 hours after last exposure is not effective prophylaxis. To avoid investigating MMR-associated fever/rash as a measles case, MMR not indicated for unvaccinated close contacts >72 hours after last exposure. Vaccinate 21 or more days after exposure risk has ended.

<sup>3</sup>Rash and fever rates after MMR refer to adverse events after the first dose; fever and rash are less common after the second dose.

<sup>4</sup>Quarantine and isolation are at the discretion of each LHJ and are typically voluntary, but under some circumstances quarantine/isolation may be legally mandated or enforced, as per LHJ discretion and determination.