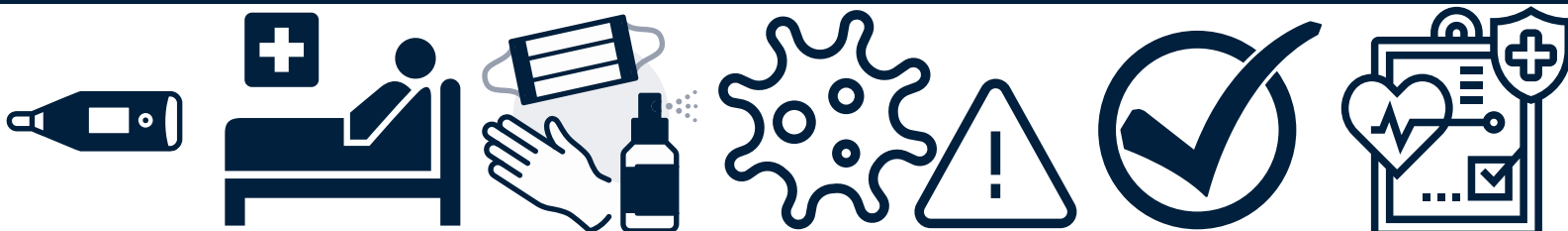


# Kentucky Healthcare Providers Information: When Measles Is Suspected



- ✓ **Isolate the patient immediately upon suspicion of measles.**
  - Provide instructions for arrival to facility, including entrance to use and precautions to take (*such as wearing mask*), put in AIR room or private room with door closed.
- ✓ **Wear PPE** (Healthcare personnel should have documented immunity against measles)
  - Follow guidelines for airborne precautions while in contact with patient.
- ✓ **Obtain a thorough medical history, including possible exposure, symptom onset, siblings in home or others who may have been exposed and vaccination status.**
- ✓ **Perform a physical examination, look for the 3-C's (Cough, Coryza, and Conjunctivitis) plus fever and then rash** (*Koplik's spots may appear 2-3 days before the rash*)
- ✓ **Collect samples for laboratory confirmation of measles:**  
Preferably nasopharyngeal swab or oropharyngeal swab (or both) for PCR put into Viral Transport Media (refrigerate at 4°C or freeze).
- ✓ **Notify local health department: *even if only suspected case.***  
Follow their recommendations for sending lab specimen to Ky State DLS for testing, for contact tracing, and quarantine/isolation.
- ✗ **PLEASE DO NOT SEND SPECIMEN TO YOUR NORMAL LAB COMPANY FOR TESTING FOR HIGH SUSPICION CASES!** (*Most lab companies take several days to result, which may impede investigations*)
- ✓ **Offer post-exposure prophylaxis (PEP)** to patients exposed to measles with no history of vaccination or immunity. MMR vaccine can be administered within 72 hours of initial last exposure or immunoglobulin (IG) within 6 days of last exposure. (*do **not** administer together*).
- ✓ **Provide supportive care, encourage fluids, including treatment for fever, discomfort, and other treatable symptoms.**
- ✓ **Educate the patient and their family about the contagious nature of measles and the importance of isolation to prevent further spread.**
- ✓ **Monitor the patient for complications, such as pneumonia or encephalitis, and provide appropriate treatment as needed.**
- ✓ **Follow up with the patient after their recovery to ensure they have received their second dose of MMR vaccine, if needed.**

**For more information & CDC  
Interim Infection Prevention and  
Control Recommendations**



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