

Monkeypox

2007 Case Definition (North Carolina)

Clinical Description

- Rash (macular, papular, vesicular, or pustular, generalized or localized, discrete or confluent) and one or more of the following symptoms/signs:
- Fever, chills, sweats, headache, backache, lymphadenopathy, sore throat, cough, shortness of breath.

Epidemiologic Criteria

- Exposure to a suspect, probable or confirmed human case of MPX, or
- Exposure to a wild, captive, or pet mammal with, or without, one or more of the following clinical signs/symptoms: conjunctivitis, respiratory symptoms, lymphadenopathy and/or rash, and
 - linked to a MPX-endemic area of Africa, or
 - linked to a confirmed zoonotic outbreak of MPX in another area of the world, or
 - linked to contact with a mammalian or human case of MPX

Laboratory criteria for diagnosis

Confirmed:

- Isolation of MPX virus in culture. or
- Demonstration of MPX virus DNA by PCR testing of a clinical specimen

Probable:

- Demonstration of virus morphologically consistent with an orthopoxvirus by Electron Microscopy (EM) in the absence of exposure to another orthopoxvirus
- Demonstration of the presence of orthopoxvirus in tissue using immunohistochemical (IHC) testing methods in the absence of exposure to another orthopoxvirus

Case classification

Confirmed: a clinically compatible case that is laboratory confirmed for MPX

Probable: a clinically compatible case that meets epidemiologic criteria and probable laboratory criteria for MPX

Suspect: a clinically compatible case that meets epidemiologic criteria for MPX that is awaiting results of laboratory testing