

Vaccinia

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 vaccinia or a person who has been vaccinated against smallpox with vaccinia virus.

Laboratory criteria for diagnosis

Confirmed:

- Isolation of vaccinia virus in culture.
- or**
- Demonstration of vaccinia 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 Vaccinia

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

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

Comment:

*The Centers for Disease Control do not have a CSTE approved case definition for Vaccinia.