

Case Definition of Pandemic (H1N1) 2009 [Swine Flu]

1. Case Definition of Pandemic Influenza 2009

i. Suspect Case

A suspect case is defined as an individual with fever (temperature 100.4°F/ 38°C) and one or more of the following manifestations- cough, sore throat, or shortness of breath and history of contact with probable/confirmed cases of pandemic influenza within 10 days prior to onset of symptoms.

ii. Probable Case

A probable case is defined as an individual with an influenza test that is positive for influenza A, but is unsubtypeable by reagents used to detect seasonal influenza virus infection

Or

An individual who died of an unexplained acute respiratory illness with history of contact with probable/confirmed cases within 10 days prior to onset of symptoms.

iii. Confirmed Case

A confirmed case is defined as an individual who is confirmed in the laboratory with PCR or virus culture for pandemic influenza virus 2009

iv. Cluster:

A cluster of pandemic influenza 2009 is defined as two or more suspect, probable or confirmed cases of pandemic influenza 2009 found at a time in a localized area, having evidence of transmission among them.

Objective of defining cluster

1. Specimen from one or two persons will be tested
2. If found to be positive, other members of the cluster will be regarded as cases
3. Members of the cluster will be treated with Oseltamivir and other supportive treatment
4. Pharmaceutical and non pharmaceutical interventions will be under taken to limit the spread
5. Small cluster: <25
6. Large cluster: >25