

Swine Influenza

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Swine Influenza

- ❑ Respiratory disease of pigs
 - ❑ Caused by type A influenza viruses
 - ❑ Humans do not normally get
 - ❑ Rarely human infections can occur
 - ❑ Swine flu viruses have been reported to spread from person-to-person
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Swine Influenza outbreak

- ❑ From 17th March to 25th of April 2009, 878 cases of swine influenza with 60 deaths were reported in Mexico.
 - ❑ Total of 7 laboratory confirmed cases have been reported in USA.
 - ❑ A new strain of influenza virus sub type A/H1N1 responsible for this outbreak.
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Transmission

- ❑ Spreads mainly from person to person through coughing or sneezing of people with influenza
- ❑ Sometimes people may become infected by touching something with flu viruses on it and then touching their mouth or nose.
- ❑ People usually get swine influenza from infected pigs
- ❑ Human-to-human transmission has occurred in some instances but was limited to close contacts
- ❑ Not been shown to be transmissible to people through eating properly handled and prepared pork

Symptoms of swine Influenza

- ❑ similar to the symptoms of regular human flu and include fever, cough, sore throat, body aches, headache, chills and fatigue.
 - ❑ Can rapidly progress to severe and unusual pneumonia
 - ❑ May cause a worsening of underlying chronic medical conditions.
 - ❑ Infected people may be able to infect others beginning 1 day before symptoms develop and up to 7 or more days after becoming sick.
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Treatment

- ❑ This virus is susceptible to antivirals like oseltamivir and zanamivir.
 - ❑ The virus strain has been shown to be resistant to rimantadine and amantadine.
 - ❑ Clinicians have to make decisions based on the clinical and epidemiological assessment and harms and benefit of the prophylaxis/treatment of the patient.
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Measures taken by Epid Unit

- ❑ Develop fact sheet on swine Influenza and distribute to all the health institutions
 - ❑ Alert airport/seaport health authorities regarding possible influx of infected cases
 - ❑ Instructions were issued to airport/seaport authorities regarding preventive measures.
 - ❑ Established surveillance system to detect suspected cases
 - ❑ Collaboration with MRI established diagnostic facilities.
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