H1N1 (Swine Flue) in Ain-Shams Maternity Hospital.

The likelihood of infection with pandemic H1N1 2009 influenza is strongly influenced by age; the young are at most risk and those aged >60 years at least risk. Approximately 60% of patients with confirmed H1N1 2009 influenza virus infection are aged 16 to 64 years. However, case fatality increases with age, apart from the youngest children where it is also high.

Pregnant women have been shown to be at risk of respiratory complications, especially in the 2nd and 3rd trimesters.

Patients with underlying co-morbidities fare worse. The risk of both hospital admission and death are strongly influenced by co-morbidities. Risk factors for fatal outcome include COPD, diabetes and heart disease.

The presence of pneumonia on admission is not influenced by sex, age or underlying co-morbidity.

In this discussion, we would like to disclose our experience in this field through a detailed report of two cases who were managed in our maternity hospital ICU, and survived a very critical situation. We would like also to discuss the guidelines for management of these cases from a practical point of view.