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42 cases of A H1N1 flu during 2011 in Algiers

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The A H1N1 FLU is a contagious acute respiratory disease caused by the virus of the flu. This virus reappeared in 2009 as a new genetic form with an important virulence, man to man transmissible. The resultant epidemic was stated (called) pandemic by the WHO: World Health Organization in 2009. The aim of this study is to show that the A H1N1 FLU keeps on going and it prevails as compared to the seasonal Flu from which the importance to be watchful and vigilant. It is a retrospective study based on 95 local patients to be consulted in emergency for the flu syndromes over a period of 2 months from 16.02.2011 to 22.04.2011 at the duty unit of EL KETTAR HOSPITAL (Infectious disease hospital). Before having any antiviral treatment, the 95 patients were given a nasal pharynx swabbing out. The confirmation of the disease was proved by the detection of the virus according to the Real-time-PCR method at the PASTEUR INSTITUTE of ALGIERS ALGERIA. On the 95 patients, 42 were! Positive in favor of 2009 pandemic A H1N1 flu, that is to say 44.2% and two cases of flu type B (2%). However, we notice a female predominance: 30 women (71.4%) and 12 men (28.6%) sex ratio: 0.4. The average age is 32 years old. The fever was noticed in 34 cases (81%), the cough and the aching syndrome in 29 cases (69%), asthenia in 25 cases (59.5%), stomach troubles in 15 cases (35.7%) and dyspnea in 13 cases (31%). On therapeutic side, all the patients were given an antiviral treatment based on Oseltamivir. Three patients were admitted to hospital and put in isolation: A patient with HIV, a pregnant woman with her husband. The evolution was satisfactory for 41 (97%) with a death (pregnancy) caused to respiratory distress. The 2009 A H1N1 FLU is on decline but the virus keeps on going in small epidemics. This disease is mainly concerned with the young adults and it remains a serious disease even and mortal for pregnant women.

Biography

A. Zertal is a Physician specialist in infectious diseases since 1998, practice in Algiers Hospital, head of emergency unit for 13 years, after in pediatric unit.

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