

Swine flu outbreak 2015-Paediatric Experience in a Tertiary Care Centre.Dr. Anuya Chauhan^{1*}, Dr. Gargi Pathak², Dr. K.M. Maheriya³, Dr. Maitry Shah⁴**ABSTRACT:**

Background & Aim: To study and analyse the clinical profile and outcome of children admitted with influenza A positive cases at our Tertiary Care Centre in 2015. **Materials & Methods:** Prospective study conducted in a tertiary care centre (Civil Hospital) B. J. Medical College, Ahmedabad from Jan 2015 to March 2015. 340 Children presenting with clinical features compatible with category C were admitted and 199 patients having laboratory confirmed influenza A (H1N1) were included in our study. Details regarding clinical features, examination findings, investigations, complications and treatment were recorded and analysed in a systemic manner. **Results:** Study showed that highest incidence of influenza A was seen in 1-3 years age group (41.7%) Male-female ratio was 1.18:1 indicating similar affection of both sexes. Maximum patients presented within first 3 days of illness (53.2%) with fever (82/9%) followed by dry cough (74.6%) and sore throat (52.7%) as presenting symptoms. Leucopenia (79.4%) was the most common laboratory finding and lobar pneumonia (81.1%) was the most common radiological finding followed by bronchopneumonia (18.9%). Conjunctivitis (20.1%) and otitis media (6.03%) were the common complications. Mortality rate in our set up was 6.5% (13 out of 199); with maximum from 1-3 year age group (46.1%), most common cause being ARDS (46.1%). **Conclusion:** The outbreak of influenza A (H1N1) 2015 predominantly affected young population with significant morbidity and mortality. With the efforts of healthcare authorities worldwide, we have still not lost the race against fighting this virus.

Key Words: Influenza (H1N1), Resurgence (2015)**Authors:**

¹Assistant Professor, ² Professor, ³ Professor and Head, ⁴ Resident doctor, Department of Paediatrics, B. J. Medical College, Ahmedabad.

*** Corresponding Author:**

Dr. Anuya Chauhan

Email: dranuyachauhan@yahoo.co.in