

Pandemic (H1N1) 2009 in Children Complicated by Pneumonia

Reimi TSURUSAWA¹⁾ Yoko KITANO²⁾
Goro SHIROTANI²⁾ Shinichi HIROSE²⁾ Atsushi OGAWA¹⁾

¹⁾ *Department of Pediatrics, Chikushi Hospital, Fukuoka University*

²⁾ *Department of Pediatrics, Faculty of Medicine, Fukuoka University*

Abstract: To describe the clinical aspects of the Influenza 2009 pandemic (pandemic (H1N1) 2009) associated with pneumonia in children, we studied 16 children who were admitted to Fukuoka University Chikushi Hospital during the period from May 2009 to April 2010. The mean age of the children with pneumonia was 5.5 years old. Nearly half of the children had hypoxia with a SpO₂<95 %, however, there were no patients who required artificial respiratory management. The average period of hospitalization was 6.9 ± 2.7 days. The frequency of pneumonia as a complication of Influenza infection during the Influenza 2009 pandemic was higher (32.7 %) than that associated with seasonal influenza infection (0-15 %). For Influenza 2009, pneumonia as a complication in children was common.

Key words : Children, Pneumonia, Influenza 2009, Pandemic influenza (H1N1) , Complication