Acute Onset Transient Toe Walking in a 4 yr. Old Boy due to H1N1 Influenza a Virus Infection

Abstract

During a recent influenza outbreak, a 4 year old boy presented to us with acute onset toe walking following an episode of upper respiratory tract infection. Investigations were suggestive of myositis due to Influenza A virus. His symptoms subsided within 72 hours of admission and he made a full recovery with supportive care alone.

Keywords: Acute toe-walking; Child; Influenza

Received: November 05, 2015; Accepted: November 18, 2015; Published: November 28, 2015

Swaminathan S, Jagadeesh A, Chandrasekaran V, Krishnamurthy S, Subramanian M, Sujatha Sistla and Venkatesh C

Department of Pediatrics and Microbiology, Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry-605006, India

Corresponding author:
Dr. Venkatesh C

Assistant Professor of Pediatrics, JIPMER, Puducherry, India.

with normal deep tendon reflexes and markedly elevated CPK (in thousands) was able to differentiate this condition from other serious causes of gait disturbance in children. In the reported child too, the toe walking was sudden with painful calf and heel, which apparently followed a respiratory tract infection. Neurological examination was normal, CPK was elevated above 1000, urinalysis was normal and symptoms subsided within 3 days of onset suggesting a diagnosis of BACM. Antiviral medications were not started as symptoms had subsided before the etiology was confirmed. Moreover, the child did not fall under high risk category warranting Treatment with oseltamivir.
References


