Neurologic Complications in Children With Scorpionism: A Retrospective Study in Upper Egypt

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Abstract:

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Scorpion envenomation is a life-threatening health problem in tropical and subtropical regions, particularly among children. The aim of this study was to describe the epidemiologic characteristics, clinical profile, and prognosis of neurologic complications among children with scorpionism in Upper Egypt. In this retrospective study, the neurologic complications of scorpionism in 2 university hospitals were analyzed from the points of epidemiologic and clinical picture and outcomes. The neurologic manifestations were found at a high percentage (85%). Irritability was the main manifestation (83.4%), followed by sweating (81.5%), hyperthermia (33.6%), and priapism (48.2% of males). Moreover, convulsion and coma were found in 14.7% and 11% of children, respectively. Neurologic manifestations were common in children with scorpionism and they correlated with poor outcome.

Keywords:

Scorpion envenomation, neurologic complications, children, Upper Egypt

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