

عنوان مقاله:

Resolved of Respiratory Failure Following the Use Pulse-Doses of Methylprednisolone in a Cytokine Storm Related to ۲۰۱۹ novel coronavirus

محل انتشار:

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خلاصه مقاله:

Since mid-December of ۲۰۱۹, an outbreak of pneumonia has been spread from Wuhan City, Hubei province, China, as a viral pneumonia. After virus identification and isolation, the pathogen for this pneumonia was originally called ۲۰۱۹ novel coronavirus (۲۰۱۹-nCoV). ۲۰۱۹-nCoV has been associated with progressive cytokine storm leading to a hyper-inflammatory state that this state associated with respiratory failure. We hereby reported a known case of Rheumatoid arthritis, Hypertension and Coronary artery bypass graft that confirmed ۲۰۱۹-nCoV and he was associated with progressive cytokine storm leading to respiratory failure. After corticosteroid administration, respiratory failure and extremely high levels of IL۶ responded dramatically to pulse-doses of Methylprednisolone. We concluded that pulse-doses of Corticosteroids can be effective in controlling and relieving cytokine storms and related respiratory failure.

کلمات کلیدی:

Cytokine Storm, Interleukin-۶, ۲۰۱۹ novel coronavirus, Respiratory Failure, Systemic Corticosteroid

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