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Author: Yuan Gong, Li Guan, Zhu Jin, Shixiong Che...

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JAMA today published the results of three randomized controlled trials spanning 12 countries, a prospective meta-analysis, and a commentary, all but one—which had inconclusive results—supporting the use of systemic corticosteroids in critically ill **COVID-19** patients, regardless of age, sex, duration of symptoms before treatment, or the need for mechanical ventilation.

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Sep 04, 2020 · A preliminary report of the RECOVERY trial in June 2020 suggested that dexamethasone reduced mortality in **covid-19** patients, with a subgroup analysis suggesting the benefit to be restricted to patients with **severe and critical covid-19**.¹¹ This evidence was complemented by new data from six randomised trials of corticosteroids reporting ...

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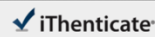
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Aug 05, 2020 · **Methylprednisolone and COVID-19**. **Methylprednisolone** was chosen based on the following criteria: (i) evidence of corticosteroid responsive disease, (ii) results of relevant clinical studies involving more than 10,000 patients, with many studied during prior viral pandemics, and (iii) pharmacological characteristics.

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Sep 09, 2020 · Following the results of meta-analysis that pooled data from eight randomised clinical trials, the WHO has made two recommendations: that corticosteroid therapy be used for 7 to 10 days in patients with **severe and critical Covid-19**; that it not be used in patients with non-severe **Covid-19**.



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SIMILARS**Name of Journal:** *World Journal of Clinical Cases***Manuscript NO:** 59174**Manuscript Type:** ORIGINAL ARTICLE**Retrospective Study****Effect of methylprednisolone in severe and critical COVID-19: Analysis of 102 cases**

Hong-Ming Zhu, Yan Li, Bang-Yi Li, Shuang Yang, Ding Peng, Xiaojiao Yang, Xue-Lian Sun, Mei Zhang

Abstract**BACKGROUND**

The coronavirus disease 2019 (COVID-19) outbreak has brought great challenges to public health. Aggravation of COVID-19 is closely related to the secondary systemic inflammatory response. Glucocorticoids are used to control severe diseases caused by

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