



国内版 国际版

Effect of methylprednisolone in severe and critical COVID-19—Analysis c



Chat with Bing

Sign in



ALL IMAGES VIDEOS

28,900 Results Any time

### Scientific Review of COVID-19 and MATH+ – Frontline ...

<https://covid19criticalcare.com/math-hospital...>

Aug 05, 2020 · Methylprednisolone, for the greater penetration in lung tissue, longer residence time, and great inhibitory activity of transcription factor nuclear factor- $\kappa$ B (driver of lung inflammation) is the most frequently used intravenous corticosteroid for the treatment of severe acute inflammatory lung diseases. 34–36 The initial daily dose of 1 mg ...

### Dexamethasone in Hospitalized Patients with Covid-19 ...

<https://www.nejm.org/doi/10.1056/NEJMoa2021436>

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the cause of coronavirus disease 2019 (Covid-19), emerged in China in late 2019 from a zoonotic source. 1 The majority of Covid-19 ...

### Thyroid Function Analysis in 50 Patients with COVID-19: A ...

<https://www.liebertpub.com/doi/10.1089/thy.2020.0363>

Jul 10, 2020 · The clinical classification of the 50 confirmed COVID-19 cases was moderate in 15, severe in 20, and critical in 15 cases. The mean age was 60.5 years. The mean time from the onset of the COVID-19 infection was 10 days. The mean time from the onset of the COVID-19 infection was 10 days. The mean time from the onset of the COVID-19 infection was 10 days.

Search Tools

Turn off Hover Translation (关闭取词)

### Effects of methylprednisolone use on viral genomic nucleic ...

<https://onlinelibrary.wiley.com/doi/abs/10.1002/jmv.26052>

May 22, 2020 · The use of corticosteroids has been controversial in viral pneumonia. In most cases, application of methylprednisolone in severe and critical viral pneumonia patients can **quickly alleviate the symptoms of dyspnea and prevent disease progression**. However, some scholars have confirmed that corticosteroids delayed the body's clearance of the virus.

**Cited by:** 3      **Author:** Yuan Gong, Li Guan, Zhu Jin, Shixiong Che...  
**Publish Year:** 2020

### Studies, WHO back steroid use in very ill COVID-19 ...

<https://www.cidrap.umn.edu/news-perspective/2020/...>

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.

### A living WHO guideline on drugs for covid-19 | The BMJ

<https://www.bmj.com/content/370/bmj.m3379>

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.<sup>11</sup> This evidence was complemented by new data from six randomised trials of corticosteroids reporting ...

**Cited by:** 2      **Author:** François Lamontagne, Thomas Agoritsas, ...  
**Publish Year:** 2020

### Scientific Review of COVID-19 and MATH+ – Frontline COVID ...

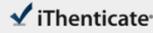
<https://covid19criticalcare.com/math-hospital...>

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.

### Explained: How steroids act in Covid-19 cases | Explained ...

<https://indianexpress.com/article/explained/...>

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.



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

Match Overview

1	Internet 26 words crawled on 28-Aug-2020 <a href="http://www.frontiersin.org">www.frontiersin.org</a>	1%
2	Crossref Posted Content 24 words Glysel Ding, Natalia V. Shultz, Brent T. Harris, Yuichiro J. Suzuki. "Angiotensin-converting enzyme 2 (ACE2) is up	1%
3	Internet 21 words crawled on 19-Sep-2020 <a href="http://apm.amegroups.com">apm.amegroups.com</a>	1%
4	Internet 19 words crawled on 26-Sep-2020 <a href="http://journals.sagepub.com">journals.sagepub.com</a>	1%
5	Internet 18 words crawled on 05-Jun-2020 <a href="http://www.researchsquare.com">www.researchsquare.com</a>	1%
6	Crossref Posted Content 18 words Xiaoyue Wang, Yan Xu, Huang Huang, Desheng Jiang, C hunlei Zhou, Hui Liao, Xiaofeng Chen. "An increased pret	1%
7	Internet 15 words crawled on 02-May-2020 <a href="http://online.library.wiley.com">online.library.wiley.com</a>	<1%
8	Crossref 14 words <a href="http://scisearch.6.1016.net/T.chahda.on.microbiomedic.al">scisearch.6.1016.net/T.chahda.on.microbiomedic.al</a>	<1%

国内版 国际版

Effect of methylprednisolone in severe and critical COVID-19: Ana



ALL IMAGES VIDEOS

1,020,000 Results Any time ▾

### Effects of methylprednisolone use on viral genomic nucleic ...

<https://onlinelibrary.wiley.com/doi/abs/10.1002/jmv.26052>

May 22, 2020 · In most cases, application of methylprednisolone in severe and critical viral pneumonia patients can quickly alleviate... Effects of methylprednisolone use on **viral genomic nucleic acid negative conversion and CT imaging lesion absorption** in COVID-19 patients under 50 years old - Gong - 2020 - Journal of Medical Virology - Wiley Online Library

**Cited by:** 3 **Author:** Yuan Gong, Li Guan, Zhu Jin, Shixiong ...

**Publish Year:** 2020

### Studies, WHO back steroid use in very ill COVID-19 ...

<https://www.cidrap.umn.edu/.../09/studies-who-back-steroid-use-very-ill-covid-19-patients> ▾

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 ...

### A living WHO guideline on drugs for covid-19 | The BMJ

<https://www.bmj.com/content/370/bmj.m3379> ▾

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**.<sup>11</sup> This evidence was complemented by new data from six randomised trials of corticosteroids reporting mortality data ...

**Cited by:** 2 **Author:** François Lamontagne, Thomas Agoritsa...

**Publish Year:** 2020

### Explained: How steroids act in Covid-19 cases | Explained ...

<https://indianexpress.com/article/explained/explained-how-steroids-act-in-covid->