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Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 63526

Manuscript Type: REVIEW

COVID-19-associated diarrhea

Diarrhea in COVID-19

Abstract

Severe acute respiratory syndrome-coronavirus-2 (SARS-CoV-2) recently emerged as a highly virulent respiratory pathogen that is known as the causative agent of Coronavirus Disease 2019 (COVID-19). Diarrhea is a common early symptom in a significant proportion of patients with SARS-CoV-2 infection. SARS-CoV-2 can infect and replicate in esophageal cells and enterocytes, leading to direct damage to the intestinal epithelium. The infection decreases the level of angiotensin-converting enzyme 2 receptors, thereby altering the composition of the gut microbiota. SARS-CoV-2 elicits a cytokine storm, which contributes to gastrointestinal inflammation. The direct



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Coronavirus: Diarrhea and Other Confirmed Gastrointestinal ...

<https://www.healthline.com/health/coronavirus-diarrhea> ▾

Apr 29, 2020 · People with COVID-19 may experience gastrointestinal symptoms like diarrhea, vomiting, or loss of appetite. These symptoms might occur alone or ...

Author: Daniel Yetman

Can coronavirus cause diarrhea? - Medical News Today

<https://www.medicalnewstoday.com/articles/coronavirus-and-diarrhea> ▾

Oct 27, 2020 · Diarrhea can be a symptom of COVID-19, but it is not usually a cause for concern if it occurs on its own. A person experiencing mild symptoms can stay at home and treat their diarrhea ...

Early Release - Surveillance of COVID-19–Associated ...

<https://wwwnc.cdc.gov/eid/article/27/4/21-0026> ▾

A systematic review of 83 studies showed that diarrhea (odds ratio 1.50, 95% CI 1.10–2.03; $p = 0.01$) was observed more often in patients with severe COVID-19 compared with patients with non-severe COVID-19 .

Diarrhea May Be First or Only Coronavirus Symptom in ...

<https://www.newsweek.com/diarrhea-coronavirus...> ▾

Apr 02, 2020 · Diarrhea may be the first or only symptom some COVID-19 patients experience, according to the authors of a study.. The study, published in ...

Is Diarrhea a Symptom of Covid-19? | Health.com

<https://www.health.com/condition/infectious...> ▾

Mar 20, 2020 · A new study published Wednesday in The American Journal of Gastroenterology claims

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The associated **diarrhea** in these patients **upsets the balance of intestinal flora**, resulting in more-severe **disease** intensity and worse prognosis. Clinicians should be vigilant to this kind of COVID-19-associated diarrhea, and design more effective prevention and treatment options for patients with positive fecal nucleic acid tests and intestinal microflora disorders.

Cited by: 4

Author: Fantao Wang, Shiliang Zheng, Chengbin Zh...

Publish Year: 2020

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Serotonin is elevated in COVID-19-associated diarrhoea | Gut

<https://gut.bmj.com/content/early/2021/01/04/gutjnl-2020-323542> ▾

Jan 04, 2021 · We read with great interest the recent publication by Lin et al, 1 which reported **diarrhoea** as the most common GI symptom in patients with COVID-19. **Diarrhoea** as a symptom of COVID-19 has been commonly observed, 2 3 but the cause remains unknown.

Cited by: 2 **Author:** Seeun Ha, Byungchang Jin, Brooke Clemm...
Publish Year: 2021

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