

[The Pathogenesis of Coronavirus Disease 2019 \(COVID-19 ...](#)

<https://pubmed.ncbi.nlm.nih.gov/32671115>

The incidence of COVID-19 continues to increase with more than three million confirmed cases and over 244,000 deaths worldwide. There is currently no specific treatment or vaccine against COVID-19. Therefore, in the absence of pharmaceutical interventions, the implementation of precautions and hygienic measures will be essential to control and ...

Cited by: 3 Author: Hayat Ouassou, Loubna Kharchoufa, Mo...

Publish Year: 2020

[Diarrhea During COVID-19 Infection: Pathogenesis ...](#)

<https://pubmed.ncbi.nlm.nih.gov/32278065>

The severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2/COVID-19) pandemic is a worldwide emergency. An increasing number of diarrhea cases is reported. Here we investigate the epidemiology, clinical presentation, molecular mechanisms, management, and prevention of SARS-CoV-2 ...

Cited by: 178 Author: Ferdinando D'Amico, Ferdinando D'Amic...

Publish Year: 2020

[Pathophysiology of COVID-19: Mechanisms Underlying ...](#)

<https://journals.physiology.org/doi/full/10.1152/physiol.00019.2020>

Aug 12, 2020 · In addition to GI manifestations, several studies have reported elevated liver enzymes and higher rates of liver injury in patients with severe COVID-19. Specifically, in a study of 417 COVID-19 patients, 76.3% had abnormal liver tests, and 21.5% had liver injury during hospitalization (14).

Cited by: 8 Author: Mary Kathryn Bohn, Alexandra Hall, Lusi...

Publish Year: 2020

[COVID-19 pathogenesis, prognostic factors, and treatment ...](#)

<https://onlinelibrary.wiley.com/doi/10.1002/jmv.26754>

Dec 23, 2020 · The clinical course of SARS-CoV-2 infection can have three phases: viremia, acute (pneumonia) phase (7–10 days after infection) and a severe or recovery phase (from 14 days after infection). Treatment of COVID-19 should be selected based on the staging of the disease 57 (Figure 4). 1. Antiviral medication should be started from the onset.

Author: Bin Zhou, Shinsuke Kojima, Atsuhiko ... Publish Year: 2020

Liver injury in COVID-19: management and challenges - The ...

<https://www.thelancet.com/journals/langas/article/...>

In addition, immune-mediated inflammation, such as cytokine storm and pneumonia-associated hypoxia, might also contribute to **liver injury** or even develop into **liver failure** in patients with **COVID-19** who are critically ill. **Liver damage** in mild cases of **COVID-19** is often transient and can return to normal without any special treatment.

Cited by: 896 **Author:** Chao Zhang, Lei Shi, Fu-Sheng Wang

Publish Year: 2020

Liver injury in COVID-19: management and challenges

<https://pubmed.ncbi.nlm.nih.gov/32145190>

Liver injury in COVID-19: management and challenges. **Liver injury in COVID-19: management and challenges** Lancet Gastroenterol Hepatol. 2020 May;5(5):428-430. doi: 10.1016/S2468-1253(20)30057-1. Epub 2020 Mar 4. Authors Chao Zhang 1 , Lei Shi 1 , Fu-Sheng Wang 2 Affiliations 1 Treatment and ...

Cited by: 896 **Author:** Chao Zhang, Lei Shi, Fu-Sheng Wang

Publish Year: 2020

[PDF] Liver injury in COVID-19: management and challenges

[https://www.thelancet.com/pdfs/journals/langas/PIIS2468-1253\(20\)30057-1.pdf](https://www.thelancet.com/pdfs/journals/langas/PIIS2468-1253(20)30057-1.pdf)

Liver injury in COVID-19: management and challenges In December, 2019, an outbreak of a novel coronavirus (severe acute respiratory syndrome coronavirus 2 [SARS-CoV-2], previously 2019-nCoV) started in Wuhan, China, and has since become a global threat to human health. The number of confirmed cases of 2019 coronavirus disease (COVID-19) has reached

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Liver injury in severe COVID-19 infection: current ...

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 62646

Manuscript Type: OPINION REVIEW

COVID-19 Combined with Liver Injury : Current Challenges and Management

COVID-19 Combined with Liver Injury

Abstract

COVID-19 combined with liver injury has become a very prominent clinical problem. Due to the lack of a clear definition of liver injury in patients with COVID-19, the different selection of evaluation parameters and statistical time points, there are the conflicting conclusions about the incidence rate in different studies. The mechanism of COVID-19 combined with liver injury is complicated, including the direct injury of liver cells caused by SARS-CoV-2 replication and liver injury caused by cytokines, ischemia and hypoxia, and drugs. In addition, underlying diseases, especially chronic liver disease, can aggravate COVID-19 liver injury. In the treatment of COVID-19

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Liver injury in COVID-19: management and challenges

<https://pubmed.ncbi.nlm.nih.gov/32145190>

Liver injury in COVID-19: management and challenges. *Liver injury in COVID-19: management and challenges* Lancet Gastroenterol Hepatol. 2020 May;5(5):428-430. doi: 10.1016/S2468-1253(20)30057-1. Epub 2020 Mar 4. Authors Chao Zhang 1 , Lei Shi 1 , Fu-Sheng Wang 2 Affiliations 1 Treatment and ...

Cited by: 927 Author: Chao Zhang, Lei Shi, Fu-Sheng Wang
Publish Year: 2020

Liver injury in severe COVID-19 infection: current ...

<https://pubmed.ncbi.nlm.nih.gov/32649840>

Introduction: The outbreak of COVID-19 is a serious health threat worldwide. Different degrees of liver injury or liver dysfunctions have been reported in patients with COVID-19 infection. However, currently, it remains unclear to what extent liver diseases should be considered as significant risk factors for the severity and mortality of COVID-19.

Cited by: 6 Author: Nurshad Ali, Khaled Hossain
Publish Year: 2020

COVID-19-associated gastrointestinal and liver injury ...

<https://www.nature.com/articles/s41392-020-00373-7>

Nov 02, 2020 · COVID-19-related liver injury may be due to drug-induced liver injury, systemic inflammatory reaction, and hypoxia–ischemia reperfusion injury. The direct toxic attack of SARS-CoV-2 ...

Cited by: 8 Author: Peijie Zhong, Jing Xu, Dong Yang, Yue Sh...
Publish Year: 2020

Liver function recovery of COVID-19 patients after ...

<https://www.medsci.org/v18p0176.htm>

In the current COVID-19 pandemic, the prevalence of liver injury and associated clinical characteristics are not well-defined. Deaths due to liver damage have been reported in COVID-19 patients [12], and the effects of COVID-19 in those with liver diseases and liver injuries are worse, resulting in the impending global economic crisis [13].

Author: Ya-Wen An, Shuo Song, Wei-Xin Li, Y... Publish Year: 2021