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**Manuscript NO:** 62734

**Manuscript Type:** REVIEW

**COVID-19** infection and liver injury: clinical features, biomarkers, potential mechanisms, treatment, and management challenges

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## Relationship Between COVID-19 Infection and Liver ...

<https://www.frontiersin.org/articles/10.3389/fmed.2020.00458> ▾

Cited by: 9

Author: Nurshad Ali

Publish Year: 2020

Jul 21, 2020 · The **COVID-19** outbreak is a great threat to public health worldwide. Lung **injury** is the main outcome of **COVID-19 infection**; however, damage can occur in other organs including the **liver**. Currently, limited data are available that link underlying **liver injury** with the severe SARS-CoV-2 **infection**. This review summarizes the available data on **liver** test abnormalities in **COVID-19** ...



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

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

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Author: Peijie Zhong, Jing Xu, Dong Yang, Yue Shen, Lu ...

Publish Year: 2020

Nov 02, 2020 · Coronavirus **disease-2019 (COVID-19)** is caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). The **infection** is spreading globally and poses a huge threat to human health. Besides ...

## Clinical Features of COVID-19-Related Liver Functional ...

<https://pubmed.ncbi.nlm.nih.gov/32283325>

Cited by: 319

Author: Zhenyu Fan, Liping Chen, Jun Li, Xin Cheng, Jin...

Publish Year: 2020

Background & aims: Some patients with SARS-CoV-2 **infection** have abnormal **liver** function. We aimed to

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**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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Nov 02, 2020 · **Mechanisms** of COVID-19-associated **liver injury**: (1) drug-induced **liver injury**; (2) systemic inflammatory response (inflammatory cytokine storm); (3) hypoxic ischemia–reperfusion **injury**; (4 ...

**Cited by:** 13

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**Publish Year:** 2020

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Author: Peijie Zhong, Jing Xu, Dong Yang, Yue Shen...

Publish Year: 2020

### COVID-19 and multiorgan failure: A narrative review on ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7533045>

Jul 30, 2020 · The **liver** involvement in **COVID-19** can be useful to divide into two groups; the first type of **injury** with mild liver abnormalities, related to a nonspecific reaction to the general inflammation (Li and...

Cited by: 23

Author: Tahmineh Mokhtari, Fatemeh Hassani, Ned...

Publish Year: 2020

### COVID-19: immunopathology, pathophysiological mechanisms ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8013908>

**Potential mechanisms** underlying AKI range from direct SARS-CoV-2 **infection** via ACE2, ... pathological **features** of **COVID-19** in the **liver** include moderate macrovesicular steatosis, mild lobular and portal .....

Author: Larissa E. van Eijk, Mathijs Binkhorst, Ar...

Publish Year: 2021

### Features, Evaluation, and Treatment of Coronavirus (COVID-19)

<https://www.ncbi.nlm.nih.gov/books/NBK554776>

Apr 20, 2021 · Coronavirus **disease** 2019 (**COVID-19**), the highly contagious infectious **disease** caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), has had a catastrophic effect on the...

Cited by: 850

Author: Marco Cascella, Michael Rajnik, Arturo Cuo...

Publish Year: 2020

### Pathophysiology of COVID-19: Mechanisms Underlying Disease ...

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

Aug 12, 2020 · The global epidemiology of coronavirus **disease** 2019 (**COVID-19**) suggests a wide spectrum of **clinical** severity, ranging from asymptomatic to fatal. Although the **clinical** and laboratory...

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Author: Mary Kathryn Bohn, Alexandra Hall, Lusie S...

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