

### Abnormal Liver Tests in COVID-19: A Retrospective ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/10.1002/hep.31487>

Jul 29, 2020 · Medications used in COVID-19 treatment (lopinavir/ritonavir, hydroxychloroquine, remdesivir, and tocilizumab) were associated with peak hospitalization liver transaminase elevations >5× ULN. Conclusions. Abnormal liver tests occur in most hospitalized patients with COVID-19 and may be associated with poorer clinical outcomes.

Cited by: 13 Author: Melanie A. Hundt, Yanhong Deng, Maria ...

Publish Year: 2020

### Abnormal Liver Function Tests in Patients With COVID-19 ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.31480>

Jul 23, 2020 · Elevated ALP was reported in 2%-5% of patients, (5, 11, 25, 42) and elevated GGT was reported in 13%-54% of patients (weighted average: 23%). (5, 11, 19, 42) The prevalence of total bilirubin elevations ranged between 1% and 18% of patients with COVID-19 on admission.(4, 5, 15, 16, 18, 25, 35, 43) It should be realized, however, that pre-existing liver disease was not comprehensively ...

Cited by: 16 Author: Anna Bertolini, Ivo P van de Peppel, Fran...

Publish Year: 2020

### Potential effects of SARS-CoV-2 on the gastrointestinal ...

<https://www.sciencedirect.com/science/article/pii/S0753332220312567>

Jan 01, 2021 · SARS patients with HBV infection are, therefore, more likely to develop viral hepatitis and liver damage. Likewise, SARS-CoV-2 infection may act in the same way to exacerbate pre-existing liver diseases. A large cohort study incorporated 2780 COVID-19 patients with pre-existing liver disease and related comorbidities . It revealed that fatty ...

Author: Han Yu Lei, Ying He Ding, Kai Nie, Yi... Publish Year: 2021

### Liver injury in COVID-19: The current evidence - Saleh A ...

<https://journals.sagepub.com/doi/full/10.1177/2050640620924157>

May 26, 2020 · Altered liver function tests are reported in up to half of the patients with COVID-19 infection. Disease severity, pre-existing liver disease and older age present a risk for liver injury. Drug-induced liver injury is an important consideration in patients with COVID-19. Hepatotoxic antiviral medications require careful monitoring of adverse ...

Cited by: 26 Author: Saleh A Alqahtani, Jörn M Schattenberg

Publish Year: 2020

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### Effect of common medications on the expression of SARS ...

<https://pubmed.ncbi.nlm.nih.gov/32808185>

Emerging epidemiological studies brought the attentions towards **liver injury** and impairment as a potential outcome of COVID19. **Angiotensin-converting enzyme 2 (ACE2) and Transmembrane serine protease (TMPRSS2)** are the main cell entry **receptors** of SARS-CoV-2. We have tested the ability of **medications** to regulate expression of SARS-CoV-2 receptors.

Cited by: 1

Author: Narjes Saheb Sharif-Askari, Fatemeh Sa...

Publish Year: 2020

### Angiotensin-converting enzyme inhibitors and receptor ...

<https://pubmed.ncbi.nlm.nih.gov/28648436>

An intricate equilibrium between the cardiovascular and renal system is maintained through rennin angiotensin-aldosterone axis and autonomic nervous system. Consequent to favorable hemodynamic modification, angiotensin converting **enzyme** inhibitors (ACEI) and angiotensin **receptor** blocking (ARB) therapy have proven to be an indispensable aspect of heart failure management with morbidity and ...

Cited by: 5

Author: Kader Muneer, Anishkumar Nair

Publish Year: 2017

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What is an angiotensin drug? ▾

Name of Journal: *World Journal of Virology*

Manuscript NO: 63465

Manuscript Type: MINIREVIEWS

Angiotensin-converting enzyme 2 receptors, chronic liver diseases, common medications, and clinical outcomes in COVID-19 patients

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### [Angiotensin-converting enzyme 2 and COVID-19: patients ...](#)

<https://journals.physiology.org/doi/10.1152/ajplung.00259.2020>

The presentation of the disease is highly variable, ranging from asymptomatic carriers to critical COVID-19. The availability of **angiotensin-converting enzyme 2 (ACE2) receptors** may reportedly increase the susceptibility and/or **disease** progression of COVID-19. Comorbidities and risk factors have also been noted to increase COVID-19 susceptibility.

Author: Girish Pathangey, Priyal Praful Fadad... Publish Year: 2021

### [59272 - Gene ResultACE2 angiotensin converting enzyme 2 ...](#)

<https://www.ncbi.nlm.nih.gov/gene/59272>

Apr 18, 2021 · Expression of **angiotensin-converting enzyme 2** and proteases in COVID-19 patients: A potential role of cellular **FURIN** in the pathogenesis of SARS-CoV-2. **Angiotensin-converting enzymes (ACE, ACE2)** gene variants and COVID-19 outcome. COVID-19 and the male susceptibility: the role of **ACE2, TMPRSS2** and the androgen receptor.

### [ACE2 \(Angiotensin-Converting Enzyme 2\), COVID-19, and ...](#)

<https://www.ahajournals.org/doi/10.1161/HYPERTENSIONAHA.120.15291>

Early reports during the coronavirus disease 2019 (COVID-19) pandemic emphasized theoretical concerns that the continued use of medications that block the renin-angiotensin-aldosterone system (RAAS), including **ACE (angiotensin-converting enzyme) inhibitors** and **Ang II (angiotensin II) receptor blockers (ARBs)**, may influence disease severity and mortality, 1 yet little attention has been paid to ...

Cited by: 37 Author: Andrew M. South, Tammy M. Brady, Jose...

Publish Year: 2020

### [Cardiovascular Pharmacology in the Time of COVID-19: A ...](#)

<https://pubmed.ncbi.nlm.nih.gov/32301766>

Coronavirus disease-2019 (COVID-19) has emerged as a pandemic affecting millions of adults. Severe acute respiratory syndrome coronavirus-2019 (SARS-CoV-2), the causative virus of COVID-19, infects host cells through **angiotensin-converting enzyme 2 (ACE2)**. Preclinical models suggest that **ACE2** upregulation confers protective effects in acute lung injury.

Cited by: 6 Author: Leo F Buckley, Judy W M Cheng, Judy ...

Publish Year: 2020

### [Systematic profiling of ACE2 expression in diverse](#)