

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 56609

**Manuscript Type:** MINIREVIEWS

**COVID-19 pandemic: Its impact on liver disease and liver transplantation**

Sahin TT *et al.* SARS-Cov-2 vs immunocompromised liver transplant patients

Tevfik Tolga Sahin, Sami Akbulut, Sezai Yilmaz

### Abstract

Severe pulmonary disease caused by the novel coronavirus [severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)], has devastated many countries around the world. It has overwhelmed the medical system. The priorities of many institutions have changed to manage critically ill corona virus infectious disease-2019 (COVID-19) patients, which affected the working style of many departments. Hepatologists and transplant surgeons look after a very sensitive patient group. Patients with liver disease need special

### Match Overview

1	<b>Internet</b> 25 words crawled on 16-May-2020 <a href="http://www.researchsquare.com">www.researchsquare.com</a>	<1%
2	<b>Crossref Posted Content</b> 20 words Bo Diao, Chenhui Wang, Yingjun Tan, Xiewan Chen et al. "Reduction and Functional Exhaustion of T Cells in Patients wi..."	<1%
3	<b>Internet</b> 20 words crawled on 23-Apr-2020 <a href="http://onlinelibrary.wiley.com">onlinelibrary.wiley.com</a>	<1%
4	<b>Internet</b> 18 words crawled on 04-Jun-2020 <a href="http://microbiologyjournal.org">microbiologyjournal.org</a>	<1%
5	<b>Internet</b> 16 words crawled on 01-Nov-2018 <a href="http://hiveurope.eu">hiveurope.eu</a>	<1%
6	<b>Internet</b> 13 words crawled on 18-Apr-2020 <a href="http://www.elsevier.es">www.elsevier.es</a>	<1%
7	<b>Internet</b> 13 words crawled on 30-Apr-2020 <a href="http://inflammregen.biomedcentral.com">inflammregen.biomedcentral.com</a>	<1%
8	<b>Internet</b> 13 words crawled on 16-May-2020 <a href="http://www.bdbiosciences.com">www.bdbiosciences.com</a>	<1%
9	<b>Internet</b> 12 words crawled on 07-Feb-2020 <a href="http://www.basl.org.uk">www.basl.org.uk</a>	<1%



ALL

IMAGES

VIDEOS

5,700,000 Results

Any time ▾

## COVID-19 Resources | AASLD

<https://www.aasld.org/about-aasld/covid-19-resources> ▾

AASLD is actively monitoring events related to the **COVID-19 pandemic** and will provide timely information and resources to **support health care providers in hepatology, liver transplantation and gastroenterology** as well as their patients and caregivers.

## [PDF] COVID-19: A global transplant perspective on successfully ...

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/ajt.15876>

emergence of **COVID-19** has **impacted transplantation worldwide**. The impact has not been just restricted to issues around donors or recipients, but also **health-care resource utilization** as the intensity of cases in certain jurisdictions exceeds available capacity.

## COVID-19: A global transplant perspective on successfully ...

<https://onlinelibrary.wiley.com/doi/10.1111/ajt.15876>

Mar 23, 2020 · The emergence of **COVID-19** has **impacted transplantation worldwide**. The impact has not been just restricted to issues pertaining to donors or recipients, but also **health-care resource utilization** as the intensity of cases in certain jurisdictions exceeds available capacity.

## Assessment of the Impact of COVID-19 on Transplant ...

<https://clinicaltrials.gov/ct2/show/NCT04376775> ▾

The **COVID-19 pandemic** has had a tremendous **impact** on people and institutions around the country in a short period of time. At this time, little is known regarding **its impact** on the **transplant** community specifically.

## UC medical campus makes strides toward overcoming COVID-19 ...

<https://www.uc.edu/news/articles/2020/04/n20910723.html> ▾

May 11, 2020 · Dr. Kenneth Sherman is studying how **COVID-19** could **impact** the **liver**.  
Photo/Colleen Kelley/UC Creative + Brand An attack on the respiratory system causing severe cough and shortness of breath is what many of us associate with the worst effects of **COVID-19**

COVID-19 pandemic: Its impact on liver disease and liver transpl



ALL

IMAGES

VIDEOS

1,440,000 Results

Any time ▾

One clear and immediate **effect** of the **COVID-19 pandemic** has been the decrease in **liver donation** and **transplantation**, an unintended **consequence** of which may be an increased rate of mortality of waitlisted patients.

### [Treating Liver Disease During COVID-19: New Recommendations](#)

[www.medscape.com/viewarticle/930411](http://www.medscape.com/viewarticle/930411)

Was this helpful?

### [COVID-19 and the Liver | AASLD](#)

<https://www.aasld.org/about-aasld/covid-19-and-liver> ▾

May 14, 2020 · **COVID-19** and the **Liver AASLD** is actively monitoring events related to the **COVID-19 pandemic** and will provide timely information and resources to **support health care** providers in hepatology, **liver transplantation** and gastroenterology as well as their patients and caregivers.

### [Care of patients with liver disease during the COVID-19 ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/32289115>

However, patients with **advanced liver disease** and those after **liver transplantation** represent vulnerable patient cohorts with an increased risk of infection and/or a severe course of **COVID-19**. In addition, the **current pandemic** requires unusual allocation of healthcare resources which may negatively **impact the care of patients** with **chronic liver disease** that continue to require ...

### [What to Know About Liver Disease and COVID-19 | CDC](#)

<https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/liver-disease.html> ▾

Coronavirus **disease** 2019 (COVID-19) is the illness caused by the SARS-CoV-2 virus. Older adults and people of any age who have serious underlying medical conditions, including people with **liver disease**, might be at higher risk for severe illness from COVID-19. People with chronic **liver disease**,

[ALL](#)[IMAGES](#)[VIDEOS](#)[MAPS](#)[NEWS](#)[SHOPPING](#)

1,410,000 Results

Any time ▾

## [COVID-19 and the Liver | AASLD](#)

<https://www.aasld.org> › [about-aasld](#) › [covid-19-and-liver](#)

Visit the **SECURE-Cirrhosis** website. If you have recovered from **COVID-19**, you may be able to help patients currently **fighting the infection** by donating your plasma. As a result of your **infection**, your plasma now contains **COVID-19 antibodies**, which is one way your immune system fought the **virus** when you were sick.

## [Care of patients with liver disease during the COVID-19 ...](#)

<https://www.ncbi.nlm.nih.gov> › [pubmed](#) › [32289115](#)

However, patients with **advanced liver disease** and those after **liver transplantation** represent vulnerable patient cohorts with an increased risk of infection and/or a severe course of **COVID-19**. In addition, the **current pandemic** requires unusual allocation of healthcare resources which may negatively **impact the care of patients** with **chronic liver disease** that continue to require medical ...

## [What to Know About Liver Disease and COVID-19 | CDC](#)

<https://www.cdc.gov> › ... › [liver-disease.html](#)

Coronavirus **disease** 2019 (COVID-19) is the illness caused by the SARS-CoV-2 virus. Older adults and people of any age who have serious underlying medical conditions, including people with **liver disease**, might be at higher risk for severe illness from COVID-19. People with chronic **liver disease**, including hepatitis B and hepatitis C, may have concerns and questions related to their risk.

## [COVID-19 and liver transplantation: Lessons learned from ...](#)

<https://onlinelibrary.wiley.com> › [doi](#) › [10.1111](#) › [tid.13335](#)

**Transplant Infectious Disease**. Early View. LETTER TO THE EDITOR. Free Access ...

## ["Challenges for liver transplantation during recovery from ...](#)

<https://www.sciencedirect.com> › [science](#) › [article](#) › [abs](#) › [pii](#) › [S0041134520325720](#)

The **coronavirus disease 2019 (COVID-19) pandemic** is placing an increasing burden on **liver transplant** (LT) services worldwide. At the peak of the **pandemic**, many **liver transplant** (LT) services worldwide dropped down or halted their activities. With the gradual easing of lockdowns, LT teams face