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**Mesenchymal Stem Cells as Living Anti-inflammatory Therapy for COVID-19 Related  
Acute Respiratory Distress Syndrome**

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**Abstract**

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### Stem Cell Therapy Successful in 7 COVID-19 Cases | Lifespan.io

<https://www.lifespan.io/news/stem-cell-therapy-successful-in-7-covid-19-cases>

A study published in Aging and Disease shows the effectiveness of **mesenchymal stem cell (MSC) therapy** against a deadly immune reaction caused by **COVID-19**. While scientists all over the world are working on a vaccine that would be effective against the SARS-CoV-2 coronavirus, which is responsible for the **COVID-19** pandemic, a group of researchers from China and other countries has been ...

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Mesenchymal stem cell therapy offers a promising approach towards **mitigating the delirious effects of the infection** in the **COVID-19 patients**. This therapy has shown to reduce the expression of pro-inflammatory cytokines as well as repair of damaged tissues in COVID-19 patients.

**Author:** Keshav Rajarshi, Aroni Chatterjee, Sh... **Publish Year:** 2020

### Mesenchymal Stem Cells: From Perianal Crohn's Disease to ...

<https://consultqd.clevelandclinic.org/mesenchymal...>

May 11, 2020 · Once a patient with **COVID-19** has **ARDS**, the mortality rate can hit 40%, despite **treatment** with antivirals, immunoglobulins, ventilation and glucocorticoids. Both preclinical and clinical

Mesenchymal Stem Cells as Living Anti-inflammatory Therapy for COVID-



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The potential benefits of **mesenchymal stromal cell (MSC) therapy** for patients with **COVID-19 acute respiratory distress syndrome** support the rapid commencement of clinical trials, as well as the compassionate use of MSCs that already have documented safety profiles from FDA-approved studies.

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## Combating COVID-19 with mesenchymal stem cell therapy ...

<https://www.sciencedirect.com/science/article/pii/S2215017X20303635>

Jun 01, 2020 · Mesenchymal stem cell therapy offers a promising approach towards mitigating the **delirious** effects of the infection in the **COVID-19** patients. This therapy has shown to reduce the expression of pro-inflammatory cytokines as well as repair of damaged tissues in COVID-19 patients.

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**Publish Year:** 2020

## Mesenchymal stem cells and exosome therapy for COVID-19 ...

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Aug 11, 2020 · **Acute respiratory distress syndrome (ARDS)** is the main cause for the **COVID-19** infection-related morbidity and mortality. Recent clinical evidences suggest increased level of cytokines and chemokines targeting lung tissue as a prominent etiological factor. The immunomodulatory effect of **mesenchymal stem cells (MSCs)** as the alternative **therapy** for the **treatment** of inflammatory and ...

**Author:** Ashim Gupta, Shivaji Kashte, Manu G...

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**Author:** Ashim Gupta, Shivaji Kashte, Manu G... **Publish Year:** 2020

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Sep 07, 2020 · One of these is called **Mesenchymal cell** study for patients with **Acute Respiratory Distress Syndrome (ARDS)** where **Mesenchymal stem cells** ...

**Author:** Ranjani Madhavan

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<https://www.fool.com/investing/2020/04/28/are-stem...>

Apr 28, 2020 · **COVID-19** patients diagnosed with **acute respiratory distress syndrome (ARDS)** and recently placed on a mechanical ventilator were eligible to receive two doses of the company's allogeneic cell