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Covid-19 severity in obesity: metabolic dysfunction-associated fatty



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Obese patients who often present **metabolic dysfunction-associated fatty liver disease (MAFLD)** are at risk of severe presentation of **coronavirus disease 2019 (COVID-19)**. These patients are more likely to be hospitalized and receive antiviral agents and other drugs required to treat acute respiratory distress syndrome and systemic inflammation, combat bacterial and fungal superinfections and reverse multi ...

Author: Pierre-Jean Ferron, Thomas Gicquel, ... Publish Year: 2020

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While **metabolic-associated fatty liver disease (MAFLD)** affects a quarter of world population, its impact on **COVID-19 severity** has not been characterized. We identified 55 MAFLD patients with **COVID-19**, who were 1:1 matched by age, sex and **obesity** status to non-aged severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)-infected patients ...

Cited by: 8 Author: Yu Jie Zhou, Kenneth I. Zheng, Xiao Bo ...
Publish Year: 2020

Metabolic Dysfunction Associated Fatty Liver Disease ...

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Results: Limited studies done had shown four to six fold high risk of severe **COVID-19** in patients with MAFLD. Patients with MAFLD and associated **obesity**, severe fibrosis and age <60 yrs are more prone to develop severe **COVID-19**. Conclusion: MAFLD is associated with 4-6 fold increase in **severity** of **COVID-19** compared to non MAFLD patients. Physician and hepatologist should follow these patients ...

Cited by: 5 Author: Praveen Sharma, Ashish Kumar
Publish Year: 2020

Metabolic-associated fatty liver disease is associated ...

<https://onlinelibrary.wiley.com/doi/10.1111/liv.14575>

Jun 23, 2020 · **Respiratory disease (COVID-19)** caused by the severe acute **respiratory** syndrome coronavirus 2 (SARS-CoV-2) has evolved into a global pandemic. **Metabolic-associated fatty liver disease (MAFLD)** affects about 20%-30% of people worldwide. ¹ However, whether the coexistence of MAFLD affects **COVID-19 severity** is unknown. We explored the association between MAFLD and **COVID-19 severity** ...

Cited by: 8 Author: Yu Jie Zhou, Kenneth I. Zheng, Xiao Bo ...

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Author: Praveen Sharma, Ashish Kumar

Publish Year: 2020

Letter to the Editor: Obesity as a risk factor for greater ...

<https://pubmed.ncbi.nlm.nih.gov/32320741>

Letter to the Editor: **Obesity** as a risk factor for greater **severity** of **COVID-19** in patients with **metabolic associated fatty liver disease** Metabolism . 2020 Jul;108:154244. doi: 10.1016/j.metabol.2020.154244.

Cited by: 207

Author: Kenneth I. Zheng, Feng Gao, Xiao Bo ...

Publish Year: 2020

Metabolic dysfunction associated fatty liver disease ...

<https://europepmc.org/article/PMC/PMC7834636> ▾

Jun 10, 2020 · There are limited studies in patients with underlying **liver disease** and **COVID-19** and results favour that underlying **liver disease** predisposes to **severe COVID-19** [9, 10]. Patients with **metabolic dysfunction associated fatty liver disease** (MAFLD) which was formerly known as non-alcoholic **fatty liver disease** (NAFLD). These patients are often overweight and have additional ...

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Author: Praveen Sharma, Ashish Kumar

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COVID-19 severity in obesity: Metabolic dysfunction-associated fatty liver disease in the spotlight

Vasques-Monteiro IML *et al.* COVID-19 severity in MAFLD patients

Isabela Macedo Lopes Vasques-Monteiro, Vanessa Souza-Mello

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Author: Praveen Sharma, Ashish Kumar

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Author: Pierre-Jean Ferron, Thomas Gicquel, ... Publish Year: 2020

[PDF] Severity of disease from COVID-19 in patients with ...

<https://ecommons.aku.edu/cgi/viewcontent.cgi?...>

context, given the high prevalence of obesity and MAFLD, analysing the severity of COVID-19 infection in the presence of underlying fatty liver disease becomes even more crucial, as this can drastically affect the overall disease outcome in such individuals. Over the years, obesity has become a major population health issue.

Author: Muhammad Kamran, Wasim Jafri Publish Year: 2020

Metabolic dysfunction associated fatty liver disease ...

<https://europepmc.org/article/PMC/PMC7834636> ▾

Jun 10, 2020 · There are limited studies in patients with underlying liver disease and COVID-19 and results favour that underlying liver disease predisposes to severe COVID-19 [9, 10]. Patients with metabolic dysfunction associated fatty liver disease (MAFLD) which was formerly known as non-alcoholic fatty liver disease (NAFLD). These patients are often overweight and have additional ...

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