

COVID-19 and diabetes: Knowledge in progress<https://pubmed.ncbi.nlm.nih.gov/32278764>

Older age, **diabetes** and other comorbidities are reported as significant predictors of morbidity and mortality. Chronic inflammation, increased coagulation activity, immune response impairment, and...

Cited by: 286 Author: Akhtar Hussain, Bishwajit Bhowmik, Nayl...

Publish Year: 2020

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Diabetes and Coronavirus (COVID-19) | ADA<https://www.diabetes.org/coronavirus>

People living with **diabetes** are at a higher risk of developing complications due to COVID-19. Find answers to your questions and resources to help.

Frequently Asked Questions: COVID-19 and Diabetes | ADA<https://www.diabetes.org/coronavirus-covid-19/how...>

Because COVID-19 is a new disease, we don't know as much as we'd like to about how underlying medical conditions increase the risk for severe illness from COVID-19. It's important to remember that...

Diabetes and COVID-19: A systematic review on the current ...<https://europepmc.org/article/PMC/PMC7375314>

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Jul 22, 2020 · COVID-19 pneumonia is a newly recognized illness and causes many disability and death. specially in **diabetes** patients, is important because of suggested as a risk factor which contributes to the severity and mortality of COVID-19. to date, there are no comprehensive studies aiming to explain the exact relationship between **diabetes and COVID-19**.

Cited by: 50

Author: Alireza Abdi, Milad Jalilian, Pegah Ahmadi ...

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Type 2 Diabetes Mellitus and COVID-19: A Narrative Review

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8044543>

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<https://www.frontiersin.org/articles/10.3389/fendo.2021.609470> ▾

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Author: Salvatore Corrao, Karen Pinelli, Martina Va...

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 65425

Manuscript Type: MINIREVIEWS

Diabetes mellitus and COVID-19: Understanding the association in light of current evidences

Sen S *et al.* Diabetes mellitus and COVID-19

Abstract

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infections possess a problematic healthcare situation worldwide since December 2019. Diabetes mellitus is associated with an increased risk and severity of Coronavirus Disease 2019 (COVID-19). While interacting with different other risk factors, high blood sugar found to reduce immunity and increase the replication of SARS-CoV-2. Oxidative stress and release of pro-inflammatory cytokines in diabetic individuals are more than healthy people, increasing the outcome of SARS-CoV-2 infection in diabetic people. Increased

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8044543>

Mar 31, 2021 · The lower prevalence of diabetes might explain this finding, and the lower age of the populations studied. Another meta-analysis of 9 studies from China (n=1936) by Chen et al. found a significant association between COVID-19 severity and diabetes (OR, 2.67, 95% CI; ...

Cited by: 1

Author: Salvatore Corrao, Karen Pinelli, Martina V...

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COVID-19 and diabetes mellitus: from pathophysiology to ...

<https://www.nature.com/articles/s41574-020-00435-4>

Nov 13, 2020 · During the COVID-19 pandemic, patients with diabetes mellitus should be aware that COVID-19 can increase blood levels of glucose and, as such, they ...

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Author: Soo Lim, Jae Hyun Bae, Hyuk Sang Kwo...

Publish Year: 2021

COVID-19 pandemic, coronaviruses, and diabetes mellitus ...

<https://journals.physiology.org/doi/full/10.1152/ajpendo.00124.2020>

Apr 26, 2020 · Individuals with diabetes mellitus (DM), hypertension, and severe obesity (BMI \geq 40 kg/m²) are more likely to be infected and are at a higher risk for complications and death from COVID-19 (3a, 16, 30, 48, 50, 52, 56). Interestingly, there was a similar ...

Cited by: 424

Author: Ranganath Muniyappa, Sriram Gubbi

Publish Year: 2020

Risk factors associated with Diabetes Mellitus in COVID-19 ...

https://www.researchgate.net/publication/350445383_Risk_factors_associated_with...

Mar 27, 2021 · Background Diabetes has been associated with increased COVID-19-related mortality, but the association between modifiable risk factors, including hyperglycaemia and obesity, and ...

Type 2 diabetes and viral infection; cause and effect of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8050380>

Jan 13, 2021 · 4. Diabetes and COVID-19. Currently of very high interest is the susceptibility of people