

# Review of: "[Hypothesis] The protective role of Testosterone in COVID-19"

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Potential competing interests: No potential competing interests to declare.

This is an interesting hypothesis. However, it is not novel.

A quick search at Google Scholar found a large number of articles on the topic.

Here are a few of them

[Testosterone deficiency is a risk factor for severe COVID-19](#)

L Lanser, FR Burkert, L Thommes, A Egger... - Frontiers in ..., 2021 - frontiersin.org

[Testosterone in COVID-19: friend or Foe?](#)

PJ Niemann, HV Goldstein - Endocrine, 2021 - Springer

[Testosterone and Covid-19: an update](#)

A Yassin, R Sabsigh, RM Al-Zoubi... - Reviews in Medical ..., 2023 - Wiley Online Library

[Interplay between male testosterone levels and the risk for subsequent invasive respiratory assistance among COVID-19 patients at hospital admission](#)

S Salciccia, F Del Giudice, V Gentile, CM Mastroianni... - Endocrine, 2020 - Springer

[Severely low testosterone in males with COVID-19: A case-control study](#)

A Salonia, M Pontillo, P Capogrosso, S Gregori... - ..., 2021 - Wiley Online Library

[Role of testosterone in COVID-19 patients—A double-edged sword?](#)

AN Hussain, F Hussain, SK Hashmi - Medical Hypotheses, 2020 - Elsevier

[H7N9 avian influenza virus infection in men is associated with testosterone depletion](#)

T Bai, Y Chen, S Beck, S Stanelle-Bertram... - Nature ..., 2022 - nature.com

Testosterone in COVID-19—foe, friend or fatal victim?

S Kalra, S Bhattacharya, A Kalhan - European endocrinology, 2020 - ncbi.nlm.nih.gov

[PDF] Testosterone target therapy: focus on immune response, controversies and clinical implications in patients with COVID-19 infection

S Salciccia, F Del Giudice... - Therapeutic ..., 2021 - journals.sagepub.com

Low testosterone levels as an independent risk factor for mortality in male patients with COVID-19: Report of a Single-Center Cohort Study in Mexico

AL Peralta-Amaro, El Pecero-García... - Revista Internacional de ..., 2023 - Elsevier

Modeling the contribution of male testosterone levels to the duration of positive COVID testing among hospitalized male COVID-19 patients

S Salciccia, ML Eisenberg, M Maggi, S Lai... - Diagnostics, 2021 - mdpi.com

Testosterone deficiency in men infected with COVID-19

G Hackett, M Kirby - Trends in Urology & Men's Health, 2020 - Wiley Online Library

I suggest looking at these and other articles and reviews and modifying the manuscript in accordance to the findings.