

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

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The manuscript by Knack et al attempts to address the potential protective role of testosterone in COVID-19. This very brief manuscript is incomplete, and the provided citations are insufficient. The dynamics of COVID-19 on the complexities of male reproductive physiology and male fertility are not adequately addressed. The manuscript could be markedly improved by addressing these complex and fertility issues during and after COVID, including long-COVID sequelae. One of many articles to consider in a review manuscript includes the 2022 publication by Nassau et al. (Nassau et al. 2022. Impact of the SARS-CoV-2 virus on male reproductive health. *BJU Int.* 129(2):143-150. doi: 10.1111/bju.15573). A 2021 review by Patel et al. is equally illuminating on these complexities at the interface of COVID infection. (Patel et al. 2021. The impact of SARS-CoV-2 and COVID-19 on male reproduction and men's health. *Fertil Steril.* 115(4):813-823. doi: 10.1016/j.fertnstert.2020.12.033)