

Review of: "[Case Report] Supplementation with Vitamin D, Zinc, and Quercetin to Treat COVID-19: A Case Report"

Sally A. El-Zahaby

Potential competing interests: No potential competing interests to declare.

1. "In the U.S., COVID-19 was the third leading cause of death in 2020 with 375,000 deaths": please add after and state the other two causes of death at 2020.
2. However, one study found that 37.7% of hospitalized patients in a cohort of 434 were fully vaccinated.: Please clarify the statement with mentioning of the total number of hospitalized patients.
3. Author stated that "She took a 200 mg tablet of over-the-counter (OTC) Advil 3 times a day on days 1, 2, and 3 of her infection" then Table 1 symptoms are prior to infection, please clarify it. You mean these symptoms are even before starting to take Advil?
4. Authors mentioned that "to blow her nose every 10-15 minutes" then "to blow her nose 5 times every 30 minutes": please unify your reporting about nose blow to facilitate the comparison to the readers.
5. Eight references after this sentence is too much, better to be reduced to the two most recent ones. "Vitamin D is essential for treating COVID. Studies indicate that individuals with low serum vitamin D are more susceptible to upper respiratory tract infections, especially COVID, and that a vitamin D deficiency is associated with a severe infection. [12] [13][14][15][16][17][18][19] "
6. The same comment for "Vitamin D, zinc, and quercetin have the ability to down-regulate the activation of NF-κB and inhibit the secretion of IL-1, IL-6, IL-8, TNF-α, MCP-1, and CRP.[3][22][23][24]: only 1-2 references are more than enough for this info.
7. Author mentioned that "Oxidative stress contributes to the pathophysiology of COVID.[7]" please give more details in 2-3 sentences explaining how this happens.