


COVID-19 in HIV-infected individuals

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Dear Editor,

We would like to share ideas on the publication entitled “Potential impact of the COVID-19 in HIV-infected individuals: a systematic review”¹. de Medeiros et al.¹ noted that “HIV did not show any relevance directly with the occurrence of COVID-19. Some studies suggest ... to control HIV infection could be used to prevent COVID-19 infection”¹. In fact, the clinical association between COVID-19 and HIV infection is interesting. According to the pathobiological process of both infections, there is no common pathway regarding receptor and target cell. Hence, there should be no direct clinical association. Regarding the effect of antiviral therapy, the common antiviral activity of some antiviral drugs might be useful for the management of COVID-19. However, the dose adjustment might be required². Nevertheless, the common clinical

and geographical epidemiology of these two diseases should be discussed. In many developing countries, social determinants of health of HIV cases are usually poor and might support getting COVID-19³.

AUTHORS' CONTRIBUTIONS

PS: Conceptualization, Data curation, Formal analysis, Funding acquisition, Investigation, Methodology, Project administration, Resources, Software, Supervision, Validation, Visualization, Writing – original draft, Writing – review and editing. **VW:** Conceptualization, Data curation, Formal analysis, Funding acquisition, Investigation, Methodology, Project administration, Resources, Software, Supervision, Validation, Visualization, Writing – original draft, Writing – review and editing.

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