



## Letter to the Editor

# COVID-19 reinfection in a kidney transplant recipient

## Reinfección de COVID-19 en un receptor de trasplante de riñón

Dear Editor,

We would like to share ideas on the article “COVID-19 reinfection in a kidney transplant recipient, time for rethinking?”<sup>1</sup> Quiroga et al. concluded that “re-infections in kidney transplants are plausible and require paying attention to those patients who developed COVID-19 symptoms even if they have had a previous episode”.<sup>1</sup> A reinfection of COVID-19 is possible in either normal or immunocompromised host. The continuous mutation occurs and it can cause the problem. At present, a bigger concern is on the post vaccination COVID-19. The vaccine is presently suggested to everyone and if an already infected transplant recipient gets COVID-19 vaccine, he/she can still at risk to get reinfection.

For the present case, the described situation is matched and it can be a good case study. However, another possibility that should be mentioned is the possibility of long chronic asymptomatic carrier of virus after the first infection. Long COVID-19 becomes a new condition that requires further studies. It is already reported for a persistence of disease for many months.<sup>2</sup> Before discharge of a case, the confirmation for negative PCR is usually requires, although it might not be performed in some resource limited area (such as in Indochina). However, there is usually no follow-up PCR test for reconfirming for no false negative PCR of the first time PCR result before discharge.

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### Conflict of interest

None declared.

### REFERENCES

1. Quiroga B, Fernández Ramos A, Delgado Arroyo A. COVID-19 reinfection in a kidney transplant recipient, time for rethinking? *Nefrologia*. 2021. <http://dx.doi.org/10.1016/j.nefro.2021.04.001>. S0211-6995(21)00088-6 [in press].
2. Ladds E, Rushforth A, Wieringa S, Taylor S, Rayner C, Husain L, et al. Persistent symptoms after Covid-19: qualitative study of 114 “long Covid” patients and draft quality principles for services. *BMC Health Serv Res*. 2020;20:1144.

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