

Letter to the Editor

Cite this article: Chow WK, Chow CL (2021). Response to *Letter to Editor* by Zavascki A.P.: Urgent need for evaluating point-of-care tests as a RT-PCR-sparing strategy for the diagnosis of Covid-19 in symptomatic patients. *Epidemiology and Infection* **149**, e33, 1. <https://doi.org/10.1017/S0950268821000182>

Received: 12 January 2021
Accepted: 12 January 2021

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Response to *Letter to Editor* by Zavascki A.P.: Urgent need for evaluating point-of-care tests as a RT-PCR-sparing strategy for the diagnosis of Covid-19 in symptomatic patients

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We agree entirely that the proposed pool testing mathematical strategy [1] is needed [2] in low-income countries, assisting the government in operating the public health system. The resources bottleneck can be solved via applying optimised testing policies in low-resource setting.

Further, if the mathematical strategy is well supported by disaster management personnel, quick, reliable and cheap detection testing schemes on coronavirus disease 2019 (COVID-19) with smaller number of tests can be worked out.

Another update on recent mandatory testing [3] in several suburbs with confirmed infection cases, the pooling testing strategy will be useful in handling thousands of tests quickly for picking up asymptomatic patients at a certain time. Although residents having negative results are not yet safe, and they are asked to do the test again a few days later.

References

1. **Chow WK and Chow CL** (2021) A discussion on implementing pooling detection tests of novel coronavirus (SARS-CoV-2) for a large population. *Epidemiology and Infection*, **149**, e17. doi: 10.1017/S0950268820003155.
2. **Zavascki AP** (2021) Urgent need for evaluating point-of-care tests as a RT-PCR-sparing strategy for the diagnosis of Covid-19 in symptomatic patients. *Epidemiology and Infection*, 1–4. doi: 10.1017/S0950268821000170.
3. **Cheung E, Cheung T and Lam J** (2021) Hong Kong fourth wave: mandatory testing of residents in about 70 more buildings, as 56 new coronavirus cases logged. *South China Morning Post*, 19 January 2021. Available at <https://www.scmp.com/news/hong-kong/health-environment/article/3118267/hong-kong-fourth-wave-carrie-lam-pledges-stepped>.

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