

Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-19. The COVID-19 resource centre is hosted on Elsevier Connect, the company's public news and information website.

Elsevier hereby grants permission to make all its COVID-19-related research that is available on the COVID-19 resource centre - including this research content - immediately available in PubMed Central and other publicly funded repositories, such as the WHO COVID database with rights for unrestricted research re-use and analyses in any form or by any means with acknowledgement of the original source. These permissions are granted for free by Elsevier for as long as the COVID-19 resource centre remains active.



Letter to the Editor

Author reply to Letters to the Editor "COVID-19 pneumonia in Taiwan"

We would like to thank Joob B. et al. for showing their interest in our article "First case of Coronavirus Disease 2019 (COVID-19) pneumonia in Taiwan"¹ and sharing their idea selflessly on our work. We agreed with Joob B. et al. that most of the cases in the reported literatures,² including ours and cases in Thailand,³ had recovered without mortality. Indeed, it is unknown whether the patient has recovered by herself or by the supportive treatment in the hospital. Joob B. et al. highlighted that COVID-19 cases might still had undetected viral shedding and still were infectious. In our case, the patient had negative results from sputum and throat for 3 times between illness day 17-23 by rRT-PCR. The same results were also seen from stool and urine specimen on day 25. Therefore, we believed she had been recovered, and did not have further examination arranged. Nonetheless, there were cases reported from China that patient had prolonged SARS-CoV-2 shedding.⁴ We appreciated *Joob* B et al. again helping the readers to understand more comprehensive picture of this disease.

Declaration of Competing Interest

The authors have no conflicts of interest relevant to this article.

References

- Cheng SC, Chang YC, Fan Chiang YL, Chien YC, Cheng M, Yang CH, et al. First case of coronavirus disease 2019 (COVID-19) pneumonia in Taiwan. *J Formos Med Assoc* 2020 Feb 26;**S0929**-6646(20):30044–9. https://doi.org/10.1016/j.jfma.2020.02. 007 [Epub ahead of print].
- 2. Huang C, Wang Y, Li X, Ren L, Zhao J, Hu Y, et al. Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China. *Lancet* 2020 Feb 15;**395**(10223):497–506.

- 3. Yasri S, Wiwanitkit V. Editorial: Wuhan coronavirus outbreak and imported case. *Adv Trop Med Pub Health Int* 2019;9:1–2.
- Zhang W, Du RH, Li B, Zheng XS, Yang XL, Hu B, et al. Molecular and serological investigation of 2019-nCoV infected patients: implication of multiple shedding routes. *Emerg Microb Infect* 2020 Dec;9(1):386–9. https://doi.org/10.1080/22221751.2020. 1729071.

Shao-Chung Cheng

Division of Pulmonary Medicine, Department of Internal Medicine, Sinwu Branch, Taoyuan General Hospital, Ministry of Health and Welfare, Taoyuan, Taiwan

Yu-Long Fan Chiang

Department of Internal Medicine, Sinwu Branch, Taoyuan General Hospital, Ministry of Health and Welfare, Taoyuan, Taiwan

Chia-Husn Huang

Division of Gastroenterology and Hepatology, Department of Internal Medicine, Sinwu Branch, Taoyuan General Hospital, Ministry of Health and Welfare, Taoyuan, Taiwan

Yuan-Nian Hsu*

Department of Family Medicine, Taoyuan General Hospital, Ministry of Health and Welfare, Taoyuan, Taiwan

*Corresponding author. No. 1492, Zhongshan Rd., Taoyuan Dist., Taoyuan City, 33004, Taiwan. *E-mail address:* kingjen@mail.tygh.gov.tw (Y.-N. Hsu)

17 March 2020

https://doi.org/10.1016/j.jfma.2020.03.011

0929-6646/Copyright © 2020, Formosan Medical Association. Published by Elsevier Taiwan LLC. This is an open access article under the CC BY-NC-ND license (http://creativecommons.org/licenses/by-nc-nd/4.0/).

Please cite this article as: Cheng S-C et al., Author reply to Letters to the Editor "COVID-19 pneumonia in Taiwan", Journal of the Formosan Medical Association, https://doi.org/10.1016/j.jfma.2020.03.011