Laryngology & Otology

cambridge.org/jlo

Letters to the Editor

*Joint first authors

Cite this article: Mungmunpuntipantip R, Wiwanitkit V. Correspondence on 'Vocal fold paralysis following first dose of Oxford-AstraZeneca coronavirus disease 2019 vaccine'. *J Laryngol Otol* 2023;**137**:1178. https://doi.org/10.1017/S0022215123001299

Received: 22 February 2023 Accepted: 17 July 2023 First published online: 3 August 2023

Corresponding author:

Rujittika Mungmunpuntipantip Email: rujittika@gmail.com

Correspondence on 'Vocal fold paralysis following first dose of Oxford-AstraZeneca coronavirus disease 2019 vaccine'

R Mungmunpuntipantip^{1,*} (D) and V Wiwanitkit^{2*}

¹Private Academic Consultant, Bangkok, Thailand and ²Honorary Professor, Dr DY Patil University, Pune, India

Dear Editors,

We would like to share ideas on the publication 'Vocal fold paralysis following first dose of Oxford-AstraZeneca coronavirus disease 2019 vaccine'.¹ We agree that the adverse effect of coronavirus disease 2019 (Covid-19) vaccination exists and the effect on the vocal fold might be possible. This clinical entity is rare and acute voice change is the common clinical presentation.² Inflammation of the vocal fold is a basic finding from examination.²

In the present case, the vaccine recipient had vocal fold paralysis; however, it is still difficult to conclude as to the clinical association. There are no data on pre-vaccination immune status or laryngological status in the present case. The vocal fold problem might be due to a background personal illness or concurrent medical problem. For example, a Covid-19 vaccine recipient might have concurrent dengue³ and dengue is a possible rare cause of vocal fold paralysis.⁴

References

- 1 Jama GM, Amin M, Hassaan A, Kaddour H. Vocal fold paralysis following first dose of Oxford-AstraZeneca coronavirus disease 2019 vaccine. J Laryngol Otol 2022;136:466–8
- 2 Perez B, Sims HS, Mularczyk C. Vocal cord paresis: a case report on a novel complication of the mode RNA COVID-19 vaccine. *Otolaryngology* 2021;**165**(1 Suppl):242
- 3 Kebayoon A, Wiwanitkit V. Dengue after COVID-19 vaccination: possible and might be missed. *Clin Appl Thromb Hemost* 2021 Jan-Dec;27:10760296211047229
- 4 Tamilarasan V, Chandra MRKR, Mohan BVM, Kadambi M. Vocal cord hematoma: an unusual complication of dengue fever. *Egypt J Intern Med* 2018;**30**:168–9