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Letter to the Editor

**Pituitary apoplexy after COVID-19 vaccination:
Correspondence**

**Apoplejía pituitaria después de la vacunación COVID-19:
Correspondencia**

Dear Editor:

We would like to share ideas on “Case report: Pituitary apoplexy after COVID-19 vaccination.¹” Pituitary apoplexy following COVID-19 vaccination was noted as a potential link by Piñar-Gutiérrez et al. in a case report.¹

Although the COVID-19 vaccination is beneficial, we are all concerned that it could also be harmful. Pituitary apoplexy, vaccination participants in the current trial could have adverse effects. However, as there is no pre-vaccination data on the health and immunological status of vaccine recipients, no inferences can be drawn. The issue could have its roots in a patient comorbidity.² Coinfections may occur in vaccine recipients following immunization,

which is mistakenly thought to be a negative outcome. Pituitary apoplexy, for instance, can develop simultaneously with dengue fever.³

References

1. Piñar-Gutiérrez A, Remón-Ruiz P, Soto-Moreno A. Case report: Pituitary apoplexy after COVID-19 vaccination. *Med Clin (Engl Ed)*. 2022;158:498–9.
2. Kebayoon A, Wiwanitkit V. Dengue after COVID-19 vaccination: possible and might be missed. *Clin Appl Thromb Hemost*. 2021;27, <http://dx.doi.org/10.1177/10760296211047229>.
3. Thomas M, Robert A, Rajole P, Robert P. A rare case of pituitary apoplexy secondary to dengue fever-induced thrombocytopenia. *Cureus*. 2019;11:e5323.

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