

# Letter to Editor: Unilateral Acute Central Serous Chorioretinopathy with Inactivated Coronavirus Disease 2019 Vaccination: A Case Report and Review of Literature

Dear Editor,

We would like to share ideas on the publication “Unilateral acute central serous chorioretinopathy with inactivated Coronavirus Disease 2019 vaccination: A case report and review of literature”.<sup>1</sup> Following vaccination with the inactivated coronavirus disease 2019 (COVID-19) vaccine for coronavirus illness 2019, Abrishami *et al.* found unilateral acute-onset central serous chorioretinopathy (CSC) in a healthy patient.<sup>1</sup> It is suggested that CSC development may be an uncommon but undesirable ocular side effect of the COVID-19 vaccine, according to Abrishami *et al.*<sup>1</sup> Ophthalmologists should be aware of the potential link between COVID-19 immunization and ocular side effects, yet vaccination is the most effective defense against COVID-19, according to Abrishami *et al.*’s conclusion.<sup>1</sup> It is intriguing to wonder if the clinical problem mentioned is connected to the COVID-19 vaccination. Case-specific data may be used in published publications, but the influence of confounding variables cannot be confirmed. Finding the correct response could be difficult. Due to a lack of clinical information on the physiological and immunological status of vaccine recipients before to injection, it may be difficult to pinpoint the precise clinical link, which is an important factor to consider. Comorbidities are rarely mentioned in clinical records, even when they do exist. Determining the precise pathopharmacological relationship can occasionally be difficult because there is limited information available on the health and immunological status of vaccine recipients before injection of the COVID-19 vaccine. It is quite difficult to understand. It can be very difficult to understand how coexisting medical conditions affect clinical results.<sup>2</sup> The ramifications of genetics are not the least among them.<sup>3</sup> The current lack of evidence for any of the findings makes it challenging to identify the specific clinical link.

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Nil.

**Conflicts of interest**  
There are no conflicts of interest.

Rujittika Mungmunpantipantip<sup>1</sup>, Viroj Wiwanitkit<sup>2</sup>

<sup>1</sup>Private Academic Consultant, Bangkok, Thailand, <sup>2</sup>Department of Biological Science, Joseph Ayo Babalola University, Ikeji-Arakeji, Nigeria

**Address for correspondence:** Rujittika Mungmunpantipantip, Private Academic Consultant, Bangkok, Thailand.  
E-mail: rujittika@gmail.com

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