

Reply to the Letter to the Editor for “Parsonage-Turner syndrome after SARS-CoV-2 vaccination: A case report”

Adil Öncel , Evrim Coşkun

Department of Physical Medicine and Rehabilitation, Başakşehir Cam and Sakura City Hospital, Istanbul, Türkiye

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Dear Editor,

We would like to thank you for the opportunity to respond to the issues raised in the letter on “Parsonage-Turner syndrome and the SARS-CoV-2 vaccine: correspondence.” We would also like to thank Sookaromdee and Wiwanitkit for their interest and contribution to our manuscript.^[1] In their letter to the editor, Sookaromdee and Wiwanitkit state that they are concerned that the patient’s comorbidity and additional aggravating factors may cause misunderstandings. We will be happy to clarify these components of our case in this response to the letter.

Parsonage-Turner syndrome (PTS) is a diagnosis of exclusion, and shoulder problems such as a rotator cuff tear, adhesive capsulitis, cervical radiculopathy, amyotrophic lateral sclerosis, and peripheral nerve lesions must be ruled out.^[2] The patient presented in the case was a healthy individual without comorbidities. In his history, there were no medical conditions that could cause shoulder pain and weakness, such as surgery, trauma, allergies, and rheumatological or autoimmune diseases. When the patient’s medical history was examined, no history of genetic disease was found in him or his family. He had no history of drug therapy for an obvious clinical issue. Our patient applied to us immediately after vaccination (within 24 h after SARS-CoV-2 [severe acute respiratory syndrome coronavirus 2]

vaccination) with sudden onset of pain and muscle weakness in the vaccinated shoulder. This history was found to be remarkable for the diagnosis of PTS, which includes vaccination in its etiology. The patient’s examination findings, electrophysiological tests, and imaging findings, such as MRI, also supported our diagnosis.

In their letter to the editor, Sookaromdee and Wiwanitkit state that it is essential to evaluate the efficacy of the COVID-19 (coronavirus disease 2019) vaccine in a group of people with a variety of known immunological conditions and health problems. Rather than talking about the SARS-CoV-2 vaccine efficacy, our case report is about a rare syndrome (PTS). It may be considered to collect similar cases and present them as case series. However, until these case series and articles are shared, we think that our case will contribute to the data and literature.

Data Sharing Statement: The data that support the findings of this study are available from the corresponding author upon reasonable request.

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Corresponding author: Adil Öncel, MD. Başakşehir Çam ve Sakura Şehir Hastanesi, Fiziksel Tıp ve Rehabilitasyon Kliniği, 34480 Başakşehir, İstanbul, Türkiye.

E-mail: adil_öncel@hotmail.com

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