

Covid-19-vaccine

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Functional neurological disorders: case report

A 41-year-old man developed functional neurological disorder [FND] following COVID-19 vaccination [*route and dosage not stated*].

The man had a history of two episodes of anaphylactic shock. In February 2021, he received his first dose of the COVID-19 vaccine. Post-injection, immediately in few minutes, he experienced bilateral facial paralysis. He was not able to blink and move the facial muscles. However, resolution of symptoms occurred spontaneously within 40 minutes. After 3 weeks, he received his second dose of the COVID-19 vaccine. This time, he complained about swollen tongue and respiratory impairment. It was treated with a corticosteroid with complete resolution. Subsequently, he had an injection site i.e right-sided weakness which remained for 40 minutes. After two weeks, he experienced left-sided facial hypoesthesia. As a consequence of continued symptoms, he was admitted to the hospital for FND. Neurological findings showed midline splitting of sensory deficit in the face with tacto-dolorific hypoesthesia. Eventually, the sensory disturbance was improved after 2 weeks with normal neurological findings.

Ercoli T, et al. Functional neurological disorder after COVID-19 vaccination. *Neurological Sciences* 42: 3989-3990, No. 10, Oct 2021. Available from: URL: <http://doi.org/10.1007/s10072-021-05504-8>

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