

Covid-19-vaccine-pfizer-biontech/prednisone/valaciclovir

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Oculomotor nerve palsy and no improvement: case report

A 84-year-old woman developed oculomotor nerve palsy following vaccination with Covid-19-vaccine-pfizer-biontech. Additionally, she exhibited no improvement during treatment with prednisone and valaciclovir for oculomotor nerve palsy [*not all dosages stated; routes not stated*].

The woman, who had history of hypertension and well-controlled diabetes, presented to the clinic with sudden onset of blurry vision, along with complete ptosis. She had received her Covid-19-vaccine-pfizer-biontech, 1 day prior to current presentation. She had been receiving therapy with gliclazide, metformin, telmisartan and hydrochlorothiazide, clopidogrel, pioglitazone, rosuvastatin and bisoprolol. Upon physical examination, her BP was 132/67 mmHg. Ophthalmological examination revealed severe ptosis with mydriasis in her left eye. She presented with slight depression and spontaneous abduction of the left eye, down and out gaze. Her visual acuity was 19/20 in her left eye and 20/20 in her right eye. Other investigations being unremarkable. Thus, she was diagnosed with oculomotor nerve palsy secondary to the vaccination with Covid-19-vaccine-pfizer-biontech.

Thereafter, she started receiving therapy with prednisone 40mg daily for 5 days, followed by therapy with valaciclovir 500mg BID for 7 days, with no improvement. Her SARS-COV-2 IgG was found to be positive after 50 days of vaccination. Upon follow-up after 2 months, her symptoms had resolved completely.

Kerbage A, et al. Presumed oculomotor nerve palsy following COVID-19 vaccination. SAGE Open Medical Case Reports 10: Feb 2022. Available from: URL: <https://journals.sagepub.com/home/SCO>

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