

Coronavirus-vaccine-Wuhan-Institute-of-Biological-Products

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Bilateral uveitis: case report

A 50-year-old woman developed bilateral uveitis following administration of coronavirus vaccine Wuhan Institute of Biological Products.

The woman complained of bilateral blurred vision and visual distortion five days following vaccination with an coronavirus vaccine Wuhan Institute of Biological Products [inactivated COVID-19 vaccine; *dosage and route not stated*]. On 31 May 2021, she was admitted. Any past disease or medication history was denied. The intraocular pressure (IOP) values were 12mm Hg OD and 14mm Hg OS. Her best-corrected visual acuity (BCVA) values were 20/33 OD and 20/66 OS. No abnormality was noted in the bilateral anterior segments. Fundus examination showed that the optic disc was pale and blurry in the right eye, while the foveal reflex was lost in both eyes. After one week, her visual acuity decreased to 12/200 (bilateral). Fundus fluorescein angiography (FFA) revealed high fluorescence in the optic disc in the early vein stage as well as fluorescence leakage in the optic disc with circular fluorescence accumulation in the posterior pole in the late stage. She was diagnosed with bilateral choroiditis. Laboratory test results including routine blood, C-reactive protein, anti streptolysin O (ASO), anti-neutrophil cytoplasmic antibody (ANCA) and HLA-B27 were unremarkable. TORCH screening, syphilis, HIV or tuberculosis showed negative results. A diagnosis of bilateral uveitis secondary to coronavirus vaccine Wuhan Institute of Biological Products was made.

The woman was treated with triamcinolone [triamcinolone acetonide] and prednisone. Five weeks after the application of steroids, visual acuity improved to 20/25 OD and 20/20 OS. Fundus examination demonstrated a clear optic disc, with alleviation of the macular oedema.

Pan L, et al. Bilateral uveitis after inoculation with COVID-19 vaccine: A case report. *International Journal of Infectious Diseases* 113: 116-118, Dec 2021. Available from:

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