

COVID-19 is an emerging, rapidly evolving situation.[Public health information \(CDC\)](#)[Research information \(NIH\)](#)[SARS-CoV-2 data \(NCBI\)](#)[Prevention and treatment information \(HHS\)](#)

FULL TEXT LINKS

Case Reports *J Chin Med Assoc.* 2009 Nov;72(11):594-7. doi: 10.1016/S1726-4901(09)70435-6.

Optic neuritis following hepatitis B vaccination in a 9-year-old girl

Muferet Ergoven¹, Sirin Guven, Umit Akyuz, Olcay Bilgiç, Fuat Laloglu

Affiliations

PMID: 19948437 DOI: [10.1016/S1726-4901\(09\)70435-6](https://doi.org/10.1016/S1726-4901(09)70435-6)[Free article](#)

Abstract

Hepatitis B vaccination can prevent hepatitis B virus infection and its serious consequences, including liver cancer and cirrhosis. Serious side effects reported after receiving hepatitis B vaccination are very uncommon. A majority of the ophthalmological complications seen following hepatitis B vaccination consist of vision loss, optic neuritis, papillary edema, uveitis, acute placoid pigment epitheliopathy and central vein occlusion. We present a 9-year-old girl who was referred to our hospital with decrease in vision and pain in the left eye a week after hepatitis B vaccination. A diagnosis of vaccine-induced optic neuritis was made. The clinical picture improved after systemic corticosteroid treatment. Acute optic neuritis might be a rare complication of hepatitis B vaccination. Parents should be aware of the potential serious side effects of the vaccine.

Related information

[Cited in Books](#)[MedGen](#)

LinkOut – more resources

Full Text Sources

[ClinicalKey](#)[Elsevier Science](#)[Ovid Technologies, Inc.](#)[Wolters Kluwer](#)

Medical

[Genetic Alliance](#)[MedlinePlus Health Information](#)

