A 70-year-old White emmetropic female patient with neovascular age-related macular degeneration had received aflibercept intravitreal injections without complications over years. One day after an uneventful first injection of faricimab using a superonasal pars plana approach and a 30-gauge needle, she presented with pain and a subjective visual field defect. She had stable visual acuity of 20/400 OS, hypotony (intraocular pressure of 3 mm Hg), and a suprachoroidal hemorrhage (SCH). Patching and application of tobramycin-dexamethasone ophthalmic ointment were recommended. The hypotony resolved within days, and the SCH resolved 2 months after injection. Visual acuity remained 20/400 OS.