



Intravitreal Methotrexate-Induced Regression of Proliferative Vitreoretinopathy

A 77-year-old man with a history of proliferative vitreoretinopathy (PVR) in his right eye presented 3 months after repair of a rhegmatogenous retinal detachment in his left eye performed elsewhere. Examination revealed inferonasal grade C1 PVR with underlying tractional retinal detachment (A). He underwent a series of 3 intravitreal injections of methotrexate 400 $\mu\text{g}/0.1$ ml every 2 weeks, with early separation of the membrane after the first (B) and progressive regression of PVR after the third (C) injection. He subsequently underwent vitrectomy with silicone oil removal and 6 further intravitreal methotrexate injections. One year postoperatively, the retina remains attached with no recurrent PVR (D). (Magnified version of Figure A-D is available online at www.opthalmologyretina.org).

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