YAG laser membranotomy for sub-inner limiting membrane hemorrhage due to ruptured macroaneurysm

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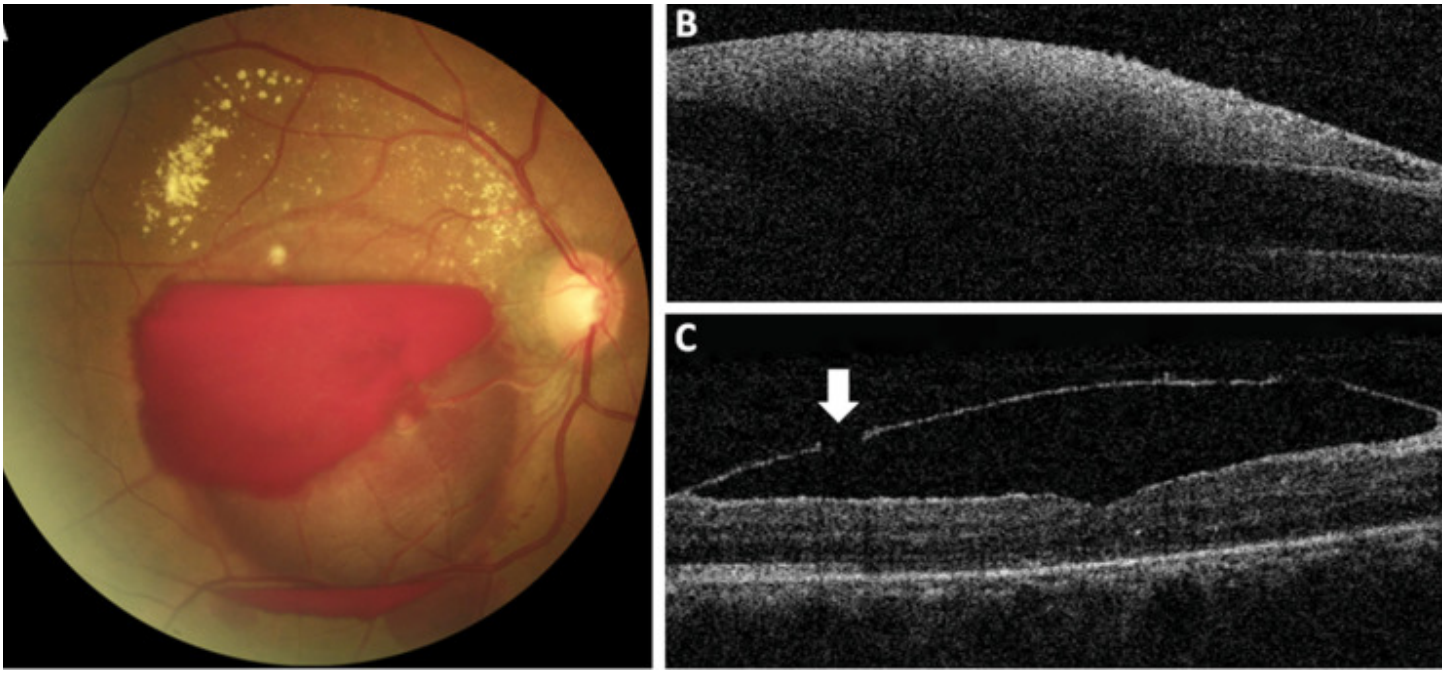
A 65-year-old hypertensive woman was monitored owing to a macular macroaneurysm in the right eye (OR). She reported partial sudden vision loss in the preceding 2 days. Her corrected visual acuity was <0.05 in the OR and 1.0 in the left eye. Slit-lamp biomicroscopy and fundoscopic examination of the OR revealed initial cataract and preretinal hemorrhage over the macular region, macroaneurysm near the upper temporal arch, and local hard exudates (Fig. 1A). The diagnostic hypothesis was the ruptured macular macroaneurysm, with optical coherence tomography indicating sub-inner limiting membrane (ILM) hemorrhage (Fig. 1B). A membranotomy with a YAG laser was performed (Fig. 1C). In subsequent clinical examinations, she showed improvement in visual acuity (0.2 OR), with no recurrences or complications so far.



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