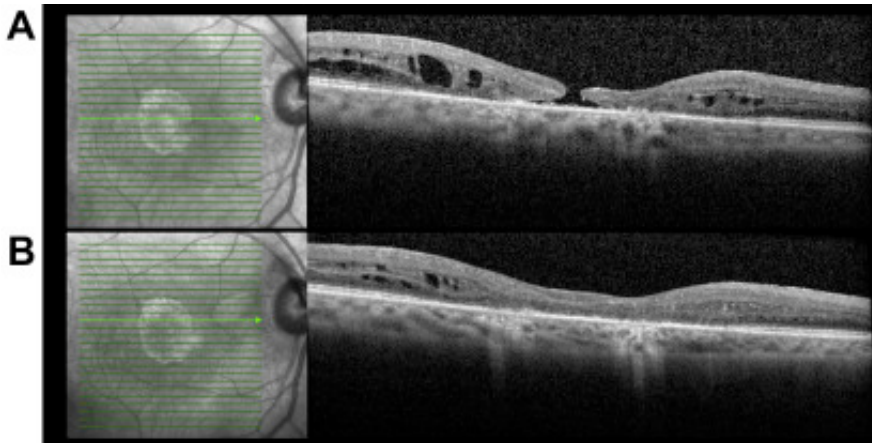


# Macular Hole Closure with Topical Carbonic Anhydrase Inhibitor



A 77-year-old woman was referred owing to a long-standing macular hole in her right eye. Her best-corrected visual acuity was 20/400. The anterior segment examination was unremarkable. In the fundus, a small macular hole was observed with a positive Watzke Allen test. OCT examination revealed a 138- $\mu$ m macular hole with associated epiretinal proliferation and multiple intraretinal cysts, along with external retinal layers' disarrangement (**A**). Given the limited visual gain potential, topical therapy with dorzolamide was recommended. After 1 month, the macular hole was closed (**B**), although the visual acuity did not improve significantly owing to the long-standing condition, as well as external retinal layers and retinal pigment epithelium atrophy. This case highlights the potential of topical carbonic anhydrase inhibitors to induce retinal cysts' dehydration in macular hole, thus promoting its closure.