EXTRAFOVEAL RETINAL HOLE AFTER INTERNAL LIMITING MEMBRANE PEELING SURGERY
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Purpose: Purpose of this study is to present a case of an extrafoveal retinal hole formation after surgical removal of foveal epiretinal membrane.

Case Report: A 74-year-old male who had an epimacular membrane in his right eye underwent pars plana vitrectomy (PPV) with an epiretinal membrane removal. Visual Acuity rose to a level of 20/40 for the right eye after surgery. Six months after PPV a retinal hole developed at the temporal side of the macular region. SD-OCT showed a full-thickness retinal hole without surrounding subretinal fluid. The hole was stable in size and it was not associated with membrane. Six months later the hole did not spontaneously diminish in size but no progression to retinal detachment was observed. No treatment was given to hole.

Conclusion: Asymptomatic extrafoveal retinal holes may develop after epiretinal membrane peeling. Progressive tangential vitreomacular traction transmitting through the thin retina may cause these holes.