

学 位 論 文 の 要 旨

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主論文の題名

Comparisons of Clinical Characteristics and Surgical Outcomes of Epiretinal Membrane Foveoschisis to Typical Epiretinal Membrane

主論文の要旨

Epiretinal membrane (ERM) foveoschisis is a recently proposed clinical entity. The purpose of this study was to compare the clinical characteristics and surgical outcomes of eyes with ERM foveoschisis to those of typical ERM. The medical records of all patients with ERM-related disorders were reviewed. ERM foveoschisis was defined by the clinical criteria proposed by an international panel of experts on ERMs. The background factors, clinical characteristics, and surgical outcomes of ERM foveoschisis were compared to those of typical ERM. Forty eyes with ERM foveoschisis were compared to 333 eyes with typical ERM. The percentage of women was significantly higher in the ERM foveoschisis group (92.5%) than in the typical ERM group (48.9%, $p < 0.001$). The central macular thickness (CMT) was significantly thinner in the ERM foveoschisis group ($340 \pm 110 \mu\text{m}$) than in the typical ERM groups ($476 \pm 111 \mu\text{m}$, $p < 0.01$). The degree of improvement in the best-corrected visual acuity (BCVA) three months after the surgery did not differ between the two groups ($p = 0.59$). These results suggest that the ERM foveoschisis is more likely to occur in women and that the prognosis after surgery is comparable to typical ERM.