

17TH ASIA PACIFIC OPHTHALMOLOGISTS ANNUAL MEETING

September 17-18, 2018 Tokyo, Japan

Selective retina therapy in patients with central serous chorioretinopathy

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Purpose: We evaluated visual outcomes, changes of central macular thickness in patients with central serous chorioretinopathy after treatment with selective retina therapy.

Methods: 17 eyes of 16 patients who were diagnosed with central serous chorioretinopathy will included in the study. Location of laser was determined by fundus fluorescein angiography performed before laser treatment. OCT was conducted before laser treatment and 1 month after laser treatment to compare central macular thickness. Chart review were done including age, sex, best correct visual acuity, intraocular pressure, slit lamp examination, time of laser conducted after diagnosis, location of laser conducted, side effects.

Results: Average best correct visual acuity at diagnosis and 1 month after laser treatment was 0.20 (logMAR) and 0.12 (logMAR), respectively, showing 0.08 (logMAR) of best correct visual acuity improvement. Average central macular thickness decreased 176.92 um from 213±46 um at baseline to 36±20 um at 1 month after selective retina therapy.

Conclusion: SRT of central serous chorioretinopathy patients showed favorable visual and structural outcomes without the risk of scotoma or other untreatable side effects.

Biography

Kim Jooyeon is working as MD in Department of Ophthalmology, Konyang University Kim's Eye Hospital in Korea

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