

ONE YEAR EXPERIENCE WITH SCHARIOTH MACULAR LENS (SML)

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Purpose: To refer results of seven SML implantation in patients with dry age-related macular degeneration (AMD).
Methods: Observational study. SML is bifocal add-on IOL with specifically designed central optic and high addition + 10,0 Dsf, intended for monocular implantation in the better seeing eye, without affecting distance vision or visual field. SML is implanted into pseudophakic eye if remaining visual acuity (VA) is 0.05 and patient shows reasonable near vision with + 6.0 Dsf lens in front of the eye. We used SML in 7 patients who fulfilled indications. Main parameters were visual acuity without correction after surgery to distance (UDVA) and to the near (UNVA).
Results: UNVA was better in all patients after surgery, five of them reached J. 1 week after surgery. We did not observe loss of UDVA. Surgery and postop. course were uneventful.
Conclusions: Scharioth macular lens is promising implant to increase UNVA in patients with dry AMD. Our experience is very favourable up till now. SML implantation is feasible for standard cataract surgeon. Financial Disclosure: Yes