Visual improvement of an amblyopic eye in an adult patient after visual loss in the non-amblyopic eye

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BACKGROUND: The sensitive period for a successful amblyopia treatment is limited to the age of 11 to 13 years. HISTORY AND SIGNS: We present a 60-year-old patient with complete visual loss on his dominant eye after retinal arterial occlusion. The fellow eye had a known severe amblyopia with a corrected visual acuity of 0.1. THERAPY AND OUTCOME: After retinoscopy the patient received a full correction for his amblyopic eye and the vision increased to 0.25. After three months follow-up visual acuity was 0.5 for single optotypes. CONCLUSIONS: Even in adulthood a attempt at full correction of an amblyopic eye after loss of vision in the dominant eye should be performed for optimising the quality of life.