

## 52. RELATIONSHIP BETWEEN VISUAL IMPAIRMENT AND EYELID PTOSIS



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**Introduction.** Eyelid ptosis develops in many patients as they age. The cause is mainly age-related changes in the skin and formation of fat hernias, the reason for which is weakening of the turgor of the eye muscle. Most patients complain of eyelid asymmetry.

**Case statement.** Five clinical cases of patients with eyelid ptosis were studied at the Department of Oral and Maxillofacial Surgery and Oral Implantology „Arsenie Guțan”. All patients had ptosis and fat hernias in the upper eyelid area. The age of the patients ranged from 45 to 55 years old, all patients were female. The complaints were of aesthetic discomfort. When collecting anamnesis it was revealed that these clinical cases also had visual impairment: myopia, hyperopia or both at the same time. According to the conclusion of ophthalmologists, all these patients were found to have visual impairment. During clinical examination it was revealed that hernias in the upper eyelid area appear mainly in the area of the eye that sees better, and in the area of the eye where vision is worse hernias are detected to a lesser extent. This is explained by the fact that the eye muscle is strained less and atrophies faster, and when the other eye is overstretched, the muscle eventually weakens and therefore fat hernias are formed. Asymmetry of eyelids in patients was combined with different visual acuity. Eyelid ptosis also depended on the degree of cosmetic care of eyelid skin and protection from direct sunlight.

**Discussions.** To study clinical cases of patients with visual impairment and severity of eyelid ptosis.

**Conclusion.** Examination of data from current literature as well as clinical cases revealed that asymmetry in the eye area, various skin redundancies, and the presence of hernias depend on visual acuity impairment as well as the thoroughness and frequency of eyelid care.