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PIBIC Last Name - Oliveira First Name - Aldery Middle -

Service (sector) Ocular Plastic Surgery N° CEP

Nasal mucous membrane graft for Symblepharon repair

Oliveira, A.; Sant'Anna, A. E. B. P. P.; Lucci, L. M.; Keiso, D.

Purpose: To evaluate nasal mucous membrane grafting in patients with severe symblepharon. Methods: Two patients were operated on with a nasal mucous membrane graft. Their symblepharons were caused by severe chemical burns. Results: The nasal mucous membrane grafts were completely integrated into the receptor ocular surface and reconstruction of the fornices was achieved. The ocular surface was stabilized. Conclusions: Nasal mucous membrane grafting had good results in the treatment of patients with severe symblepharon. The main advantage of nasal mucous over buccal or labial mucous may be the transplantation of intraepithelial goblet cells, with improvement and stabilization of the tear film. Keywords: Nasal mucous membrane graft, symblepharon, mucous membrane.