

Tissue transplantation in face reconstruction

C. Giuglea¹, I.P. Florescu², S. Marinescu², I. Lascar³

¹Plastic and Reconstructive Surgery Department, Clinical Emergency Hospital "St John", Bucharest, Romania

²Plastic and Reconstructive Clinic, Clinical Emergency Hospital "Bagdasar-Arseni", Bucharest, Romania

³Plastic and Reconstructive Clinic, Clinical Emergency Hospital Bucharest, Romania

Introduction: At face level, tissue transplantation is one of the main methods in reconstructive surgery, generally used when local and locoregional reserves are outworked. To reconstruct different face units after trauma or oncologic resection we use different methods, according to dimensions, nature and site of the defect. In cases with extensive defects or mutilating sequelae, face transplantation can be a reconstructive option that should be taken in account, despite its disadvantages.

Material and method: In this paper we present a retrospective study of the cases we operated during 2004-2010, in our Plastic and Reconstructive Surgery Clinic of Clinical Emergency Hospital "Bagdasar-Arseni" which needed reconstructions with different tissue transplantation methods.

Results: Case evaluation showed that postoperative results were good and very good. For this evaluation, we took in account both case gravity and operative risks, for each reconstructive method.

Conclusions: Tissue transplantation for face reconstruction represents the latest milestone in face reconstruction, as well as a preliminary stage for face transplantation, when there is right indication.

Key words: face reconstruction, tissue transfer

Corresponding author: Carmen Giuglea MD

Plastic and Reconstructive Surgery Department

Clinical Emergency Hospital "St John", Bucharest

E-mail: giugleacarmen@yahoo.com