

Transposition Flaps in the Reconstruction of Auricular Defects after MOHS Micrographic Surgery

Anita Barcan, Irina Nasturica, Valentin Vladoiu, Andreea Mite, Andrei Museteanu, Florin Bobirca, Mihaela Leventer
Dr Leventer Centre, Bucharest, Romania

Abstract

Background: Closing of ear defects can be a significant surgical challenge, due to the complex three-dimensional cartilaginous structure of this region.

Patients and Results: We present a series of 5 retrospective cases of defects on the ear, left after Mohs micrographic surgery for skin cancer, that were repaired with transposition flaps and their

Discussions and Conclusion: There are various surgical procedures described for the reconstruction of an ear defect, including local flaps, skin grafts, and even healing by secondary intention. In our opinion, transposition flaps can be a good option when dealing with defects of the tragus, chonca, triangular fossa, superior part of the helix, or even the medial part of the ear. It allows for reconstruction in a single surgical step with decreased morbidity and favorable cosmetic results.

Key words: transposition flaps, tunneled flaps, Mohs micrographic surgery, skin cancer, ears defects