

OUTCOME OF FREE TISSUE TRANSFER FOR HEAD AND NECK RECONSTRUCTION IN PATIENTS WITH VESSEL DEPLETED NECK AT A TERTIARY CARE REFERRAL CENTER

Majid Khan

Aga Khan University Hospital, Pakistan



Abstract

Introduction: In this era of microsurgery, free flap holds remarkable spot in reconstructive surgery. However, free flap for head and neck reconstruction in vessel depleted neck is a complex procedure jeopardized by various complications associated with post radiotherapy and previous surgeries. We report our experience with use of the free flaps for the reconstruction of head and neck composite defects in vessel depleted neck.

Methods: This is a retrospective case series (chart review) of patients who underwent reconstruction of composite defects with a free flap, at Aga Khan University Hospital, Karachi (Pakistan) from January 01, 2016 to December 31, 2020. Data were collected for patient demographics, size of defect, and size of flap, recipient vessels, post-operative complications and outcome of the free flap in vessel depleted neck.

Results: Over this period, 24 free flaps are included in this study. The overall success rate of free tissue transfer for the head and neck reconstruction in vessel depleted neck is 92.5%. Mean age of patient was 44.86years. The most frequent free flap was Anterolateral thigh flap.

Conclusion: Free tissue transfer is a reliable option for the reconstruction of large and composite defects in vessel depleted neck.

Biography

Majid Khan is a former faculty in Aga Khan University Hospital in Karachi in Pakistan. He is abstract has been published in many journals for his uniqueness in his researchers.

[13th World Congress on Plastic, Aesthetic and Reconstructive Surgery](#) | December 10, 2021

Citation: Outcome of free tissue transfer for head and neck reconstruction in patients with vessel depleted neck at a tertiary care referral center, 13th World Congress on Plastic, Aesthetic and Reconstructive Surgery | December 10th 2021, 02
