

雙皮瓣自由皮瓣在複雜性複合缺損重建之應用

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Double paddle free flaps for reconstruction of the complex composite defect

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Purpose:

Extensive defects after ablative surgery of oral cancer, involving exterior skin of the cheek, demand for complex reconstruction. It often requires two free flaps, or double-skin paddle, radial forearm-, anterolateral thigh- or fibular-flap to reconstruct through-and-through cheek defects.

Materials and Methods:

We present the clinical application and the experience of double skin paddle free flaps in MMH. We design the flap such that each of the skin paddle is supplied by a separate skin perforator, both originating from the same source vessel. The skin paddle can then be divided into two between the perforators, allowing the two paddles to be set in different anatomic unit

Results:

The outcome is successful and functional. This kind of flap first avoids the need of an additional free flap, secondly it produces minimal donor site morbidity. Thirdly it enables a good aesthetic outcome possible because of the pliable and variable skin paddles.

Conclusion:

We recommend that this flap be considered in complex cases of head and neck reconstruction.