

Reconstruction of Orbitomaxillofacial Defect

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Orbitomaxillofacial defect is the one of the main concern of plastic and reconstructive surgeon. The cause of the defect

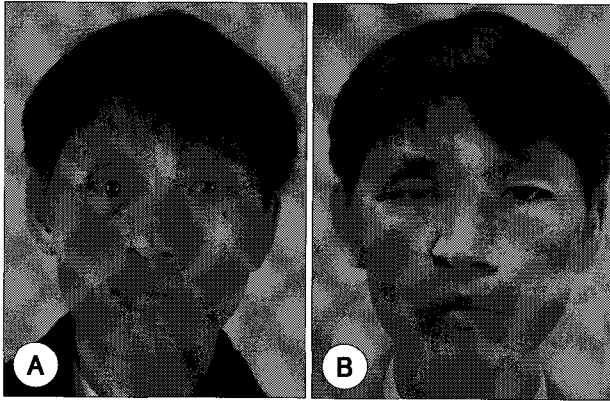


Fig. 1. A : Facial deformity s/p Rt total maxillectomy. B : postop 6months after scapular osteocutaneous free flap.

is mainly due to resection of tumors and the minor cause is trauma. In resection of tumors, total maxillectomy without orbital exenteration cause some problems. Enophthalmos, orbital dystopia, feeding problem, speech problem, loss of midfacial projection, loss of vertical facial height, and so forth. To correct these problems, many methods have been developed. Skin graft and palatal prosthesis was one of the past methods including local flap, local flap with skin graft, local flap with bone graft. After the develop of microvascular free flap, osteocutaneous free flap or myocutaneous free flap with bone graft is the main stream of reconstruction methods.

I will show some of my cases about the reconstruction of the orbitomaxillofacial defect mainly using microvascular free flaps.