

多葉性自由皮瓣於頭頸癌重建之相關運用---馬偕醫院經驗

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Multi-lobe free flap reconstruction in head and neck cancer---MMH experience

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Abstract:

Back ground:

Free flap reconstruction has been the one of most adequate choice for the post-wide excision of head and neck cancer because of the well-developed microsurgery. Multi-lobed free flap is a good way to make a better 3D structure for the composite defect or even a skipped lesion reconstruction. We reviewed the patient who underwent the procedure in our hospital and analyze the flap outcome.

Method:

We reviewed the past 2 year case who underwent the multi-lobed reconstruction for the oromandibular defect. The flap type including the free radial forearm flap, free ALT flap and free fibular flap. The main indication for the multi-lobed flap are for the better moving function or the skipped bilateral defect.

Result:

The survival rate showed non-inferior to the single-lobed flap and good outcome is achieved generally.

Conclusion:

Multi-lobed free flap is a reliable method for the complicated oromandibular defect reconstruction. Division of the flap won't compromise the flap circulation if the perforator is well protected. It provided more degree of freedom for the flap setting and resulted in better outcome.