

以單一腓骨自由皮瓣同時進行三處口腔癌術後缺損之修補 – 個案報告

黃宣諭 張世幸 黃文成 游家孟 董光義

馬偕紀念醫院整形外科部

**Simultaneous reconstruction for three buccal defects by using a single fibular perforator flap – Case Report**

Hsuan-Yu Huang, MD, Shih-Hsin Chang, Wen-Chen Huang, Chia-Meng Yu,

Kwang-Yi Tung

Department of Plastic Surgery, Mackay Memorial Hospital, Taipei, Taiwan

**purpose:**

Reconstruction of multiple soft tissue defects in head and neck with multi-paddled fibular chimeric free flap is a challenge for reconstructive surgeries.

**Case presentation:**

The 80y/o patient was a victim with oral cancer who received wide excision with ALT free flap reconstruction 6 years ago. However, recurrent tumor with central necrosis involving the left buccal area was noted 4 years later. Further composite resection was done, and this time we performed simultaneous reconstruction for three buccal defects by using a single fibular free flap. The flap survived well and there were no problems with the donor or recipient sites in the following 2 years.

**Conclusion:**

Using a chimeric free flap, complex defects of multiple sites can be reconstructed by one free flap with multi-paddled design. This reconstructive strategy can be applied to the elderly patient or patient with limited donor site.