

**ABSTRACT ID: 78**

Poster(Non-Competing)

**The Combined Platysma And Temporalis Flap: An Alternative Method Of Reconstructing The Cheek Defect**

Wan Mahadzir Mustafa <sup>a</sup>| Khairulzaman bin Adnan<sup>b</sup>

<sup>a</sup> *Department of Oral Surgery, MAHSA University* | <sup>b</sup> *Department of Oral Surgery, Hospital Sultan Haji Ahmad Shah, Temerloh, Pahang*

**Introduction:** Reconstruction of the primary defect following resection of primary tumour is part of the surgical treatment of head and neck cancer. The present paper reports a case of reconstruction of medium size through and through defect of the cheek with the transverse platysma myocutaneous flap combined with the temporalis flap. **Materials and Methods:** A 78 years old Chinese male with presented with biopsy proven squamous cell carcinoma of the cheek mucosa. After excision a medium size (about 4cm by 5cm) through and through defect of the cheek was present. A posteriorly based platysma flap and temporalis flap was harvested and used to reconstruct the defect. The donor site was closed primarily. **Results:** Overall aesthetic results was good. There was no necrosis of flap, dehiscence or fistula. Flap contracture was the main complication. **Conclusion(s):** The combined platysma and temporalis flap is a good method to reconstruct a medium sized through and through defect of cheek.

.

**KEYWORDS:** oral carcinoma, platysma myocutaneous flap, temporalis flap, cheek reconstruction.