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Title: The Use of Supraclavicular Flap in the Repair of Oro-cutaneous Fistula: A Case Report

Body: Introduction:

Oro-cutaneous fistulas pathologically communicate the oral cavity and the skin externally (Chouk, 2023). Oro-cutaneous fistulas can occur due to various aetiologies, including trauma, cancer surgery, and infection. Effective repair is important for restoring function, aesthetics and overall quality of life.

Methods:

A 56 year old patient was diagnosed with a chronic oro-cutaneous fistula secondary to osteo-radionecrosis of the mandible following radiation therapy. The patient developed an oro-cutaneous fistula causing debilitating symptoms. He underwent surgical reconstruction with a supraclavicular flap to repair this defect..

Results:

This case report describes successful repair of the oro-cutaneous fistula. The patient is kept under surveillance in the outpatients department to monitor for recurrence and complications.

Conclusion:

The supraclavicular flap is a valuable option for the repair of oro-cutaneous fistulas. In this case it improved the patient's quality of life by preventing ongoing leakage of saliva from his oro-cutaneous fistula. Further studies and case series will refine techniques and enhance outcomes in this challenging area of maxillofacial reconstructive surgery.

References:

Chouk, C., & Litaïem, N. (2023). Oral Cutaneous Fistula. *Dermatology Therapy*, 429–430.
https://doi.org/10.1007/3-540-29668-9_1975

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