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Guide or not to guide the mandible back home- A Prosthodontic Dilemma for the management of Hemimandibulectomy Patients- Two Case Reports

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ABSTRACT

Loss of continuity in the mandible often results in altered mandibular movements and deviation of the residual fragment towards the resected side. Prosthodontic treatment, along with physical therapy, can contribute to improved masticatory efficiency by reducing mandibular deviation. Various prosthetic methods, such as palatal-based guide flange and mandibular guide flange prostheses, are utilized to enhance masticatory function and minimize deviations. However, in cases where the mandible is severely deviated following hemimandibulectomy, constructing a mandibular guide flange or palatal-based guide flange becomes challenging, leading prosthodontists to face a dilemma. This study presents two treatment modalities, namely twin occlusion prostheses, which offer potential solutions for rehabilitating hemimandibulectomy patients in cases where conventional guide flanges cannot be fabricated.

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