

8. Prosthodontic rehabilitation of acquired mandibular defects –from inability to ability.

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Prosthodontic rehabilitation of mandibulectomy patients is a difficult task for the clinician in term of restoration of functions after treatment. Disabilities result from segmental mandibular resection may leads to facial disfigurement, uncoordinated movement; difficulty in chewing and impaired speech. Conventional management of segmental mandibulectomy patients without surgical reconstruction includes guidance flange therapy and restoration of maxilla-mandibular relationship followed by palatal ramp prosthesis as a definitive prosthesis. Mandibulectomy patients with reconstruction with free graft or titanium plate eliminates the deviation and can effectively be restored as normal partial edentulous condition. Mandibular reconstructions with free tissue transfer and micro vascular surgical techniques have increased the predictability of bone and soft tissue reconstruction. Mandibular reconstructions patients treated with conventional removable partial denture or implant supported prosthesis. Reconstruction with correct shaped free vascularized flaps, improved mastication and esthetics after prosthodontic rehabilitation. The key to restoration of mastication and other oral functions is the remaining tongue function – in term of bulk, mobility and control. . This presentation will be presenting aiims experience in different clinical scenario post mandibulectomy patients for achieving the best possible results. A case series of different type of treatment protocol in rehabilitating mandibular defect patients will be presented. .

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