

9. Unriddling the riddle of resorbed edentulous ridge using tens

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Introduction: resorbed edentulous ridges present a challenge to rehabilitate by conventional mucosa borne complete dentures. In the current age the advancements in science offer promising outcome than earlier days. Using tens to mold the soft tissue drape around the mucosa borne complete dentures provides a conservative and contemporary alternative option to overcome the clinical limitation posed by resorbed ridge. . **Case description :** a 66 year old female presented with severe resorption of maxillary edentulous ridge subsequent to trauma 5 years back. Repeated attempts to rehabilitate mucosa borne complete dentures by conventional means proved futile. The treatment to fabricate a mucosa borne complete denture was modified by impression making of intaglio surface and cameo surface by using tens in the concerned patient. Two year follow up showed favourable outcome and functioning by the patient. . **Discussion :** tens (transcutaneous electric stimulation) of nerves is an established technique to stimulate muscles in treatment of muscular disorder. Using this technique to record impression of intaglio and cameo surface ensures physiological muscle molding ensured elimination of manual errors and inconsistency associated with tens. . **Conclusion / clinical significance:** tens provides a safe and feasible option to rehabilitate for patients with resorbed edentulous ridges especially in conditions where implant supported prosthesis is contraindicated due to biological, medical or economic reasons. This tens can help to unriddle the riddle of resorbed edentulous ridges by a conservative and predictable method.

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