CRNC1: Magnet Repositioning on Two Separate Custom Tray for Flabby Ridge Impression

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Introduction: Accurate impression in complete edentulous patient with flabby ridge plays important role in the fabrication of well-fitting conventional complete denture. One of the impression technique to minimize tissue distortion of flabby ridge is window technique which also poses challenge for clinician. This case report presents reposition of two separate tray (window tray and pick up tray) by using magnet for flabby ridge impression.

Case Description: 63 year old male patient with chief complaint of ill-fitting complete denture visited Department of Prosthodontic. During intra oral examination, displaceable flabby tissue was found on anterior maxilla. Impression was taken by using two separate tray. The first tray is window tray for recording posterior maxillary ridge with regular body polyvinylsiloxane (PVS) material. Afterwards, the anterior flabby ridge was recorded with the application of light body PVS through the window of the first tray, then the second pick up tray was placed with the help of magnet that was embedded on the tray.

Discussion: Window impression technique was modified by using a pick up tray with escape holes to control the application of light body PVS to obtain uniform thickness of the material without tissue distortion. In this case, we also embedded five pairs of magnet in the tray for accurate repositioning of the second tray to the first.

Conclusion: Proper diagnosis and treatment planning determine the success of the treatment. Therefore, accurate impression of the flabby ridge must be achieved without any displacement to provide better retention and stabilization of conventional complete denture.

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