



**Journal of Prosthodontics Dentistry**  
**An Official Publication of Bureau for Health & Education Status Upliftment**  
 (Constitutionally Entitled As Health-Education, Bureau)

## Mask The Unmasked Palatal Defect with Obturator Prosthesis: A Case Report

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### ABSTRACT:

This clinical report describes the details of a prosthodontic rehabilitation of an elderly patient who was diagnosed with adenocarcinoma of palatal minor salivary gland. The palatal defect has caused problems in phonetics and mastication. A obturator was made using conventional Polymethyl methacrylate (PMMA). This obturator has caused some discomfort due to food impaction and irritation of the fitting surface over the tissue defect areas. This had resulted in frequent erythema of the areas. Therefore, a new palatal obturator was made still using PMMA but with an addition of an indirect soft acrylic resin over the defect areas. The soft acrylic resin served to reduce the pain of the obturator over the soft tissues around the defect areas. The review appointments up to 6 months revealed satisfactory results with no deterioration in the prosthesis. However, upon the follow-up appointment at 8 months, we could see some black stains on the tissue surface where the indirect soft acrylic resin was placed. Swabs were taken from the black area of the obturator and also the related intraoral mucosa. The swabs were sent for a culture and sensitivity test to find about the microorganisms that caused the staining. The result confirmed that there were no microorganisms at both areas. This condition suggested that stain could occur on the surface of soft acrylic resin inspite of good oral hygiene practice by the patient. Further reviews will be made to check the condition.

**Keywords:** Obturator, adenocarcinoma, rehabilitation, maxillary defect, prosthesis

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