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**Effects of Astringent on Peri-Implant Tissue by Measuring Extent of Keratinization**

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**ABSTRACT**

**Background:** The periimplant soft tissue interface plays an important role in long term success of the implant.

**Objectives:** To evaluate the extent of keratinisation on periimplant tissues by astringent (Stolin gum astringent)

**Methods:** The study comprised a total of 10 subjects including both male and female within the age of 30-60 years having implant in their mouth. Swabs were collected from the patient before and after the astringent use. Attached gingiva adjacent to implant selected as the site for obtaining cellular material from the surface of the oral mucosa. Two slides from each patient was prepared for the microscopic examination after staining with Papanicolaou's technique. The number of superficial basal and intermediate cells were counted out of 100 cells and calculated the mean of keratinized cells.

**Results:** The difference between mean number of keratinized cells after and before astringent use was found to be nonsignificant with a p-value of 0.364.

**KEYWORDS:** astringent, periimplant keratinization, implant prosthodontics

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