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Effects of Astringent on Peri-Implant Tissue by Measuring the peri-implant crevicular fluid tumour necrosis factor alpha


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ABSTRACT

Background: The periimplant soft tissue interface plays an important role in long term success of the implant. Objectives: Effects of Astringent on Peri-Implant Tissue by Measuring the peri-implant crevicular fluid tumour necrosis factor alpha .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. Peri-implant crevicular fluid (PICF) was taken from the implant patient before and after the 4 week consumption of astringent (Stolin gum astringent paint Tannic acid, Zinc chloride and Cetrimide gum astringent) Results: The mean levels of PICF TNF ALPHA prior to astringent application was 0.015071246 ng/ml. The same after 4 week use of astringent use was 0.013597134ng/ml. The difference between the mean levels before and after astringent use was found to be highly significant with a p-value of 0.002 **KEYWORDS:** astringent, periimplant tissue, crevicular fluid, tumour necrosis factor alpha.

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