

Comparative evaluation of role of oro-t mouthwash and smf mouthwash as adjunct to scaling (subgingival irrigation): A randomized clinico-comparative study

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Abstract

Treatment of periodontal disease is routinely based on mechanical debridement of the tooth surface and appropriate and meticulous maintenance of oral hygiene. However, comprehensive mechanical debridement of sites with deep periodontal pockets is difficult to accomplish, therefore systemic or local administration of antibiotics are preferred. But there are various disadvantages with systemic therapy like hypersensitivity reaction, organ toxicity and bacterial resistance. So, to attain the correct required GCF concentration at the target site, led to the use of local drug-delivery system. Ayurveda system of medicine has its root in Indian subcontinent which is being globalized and practices as alternative medicine in the Western world. It is typically based on complex herbal compounds, minerals, and metal substances. Further SMF mouthwash has been used for treating OSMF patient because of its contents which enhanced its properties by improving healing capacity of the tissue. So, in this present study we have planned to evaluate & compare healing potential of both the mouthwashes which is better. **OBJECTIVE:** The objective of this case report is to observe the efficacy mammalian target of rapamycin (mTOR) inhibitors such as sirolimus to enhance regression of tumors in infants with significant CR.

OBJECTIVE:

1. To evaluate effect of subgingival irrigation ORO-T mouthwash as an adjunct to scaling & root planning (SRP).
2. To evaluate effect of subgingival irrigation SMF mouthwash as an adjunct to scaling & root planning (SRP).
3. To compare & evaluate effect of subgingival irrigation ORO-T mouthwash & SMF mouthwash as an adjunct to scaling & root planning (SRP).

RESULT:

Statistically significant reduction was seen for all the parameters in both the groups when compared with baseline parameters but there was no statistically significant difference between Oro-t mouthwash & SMF mouthwash.

CONCLUSION:

Although there was no statistically significant difference between Oro-t mouthwash & SMF mouthwash in all the parameter's reduction yet SMF mouthwash can be used as a local drug delivery in replacement of antibiotics (tetracycline fibers) because of its superior properties when compared with turmeric mouthwash. Further researches need to be done.

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Biography

Shruti Dabi is working as a professor Rajasthan University of Health

Science. Her research interests are medical science concepts. She published many papers in international journals.