

Special Issue

Technical Advances in Dental Polishing

Message from the Guest Editor

Professional oral hygiene combined with home hygiene education still represents the gold standard in the prevention and treatment of periodontal and peri-implant diseases. The gold standard in the professional removal of biofil and tartar is no longer SRP but is instead root surface debridement, i.e., the disintegration of biofil and ultrasonic scaling to remove tartar.

Debridement can be performed with various instruments including low abrasive powders which are faster, more conservative and more comfortable. Just as rubber cups and abrasive pastes are used to perform de-plaquing, today the mechanical removal of the biofilm above and below the gums can be performed with flows of air, dust and water. Suggested themes:

- Use of air powder water jet systems for biofilm removal.
- Comparison between different approaches in non surgical therapy.
- Use of Erythrotol, Gliceine and or bicarbonate in dental prophylaxis.
- Use of sub gingival nozzles to deliver the powders sub gingivally.

Guest Editor

Dr. Magda Mensi

1. School of Dentistry, Department of Surgical Specialties, Radiological Sciences and Public Health, University of Brescia, 25123 Brescia, Italy
2. UOC Odontostomatologia ASST Spedali Civili di Brescia, 25123 Brescia, Italy

Deadline for manuscript submissions

closed (20 April 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/220619

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

applsci





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)