

FIVE REASONS

TO USE CROSS-LINKED HYALURONIC ACID AFTER PERISOLV

- 1 Attracts blood
- 2 Stabilizes coagulum and supports tissue regeneration
- 3 Bacteriostatic effect provides protection
- 4 Growth factors attracted by hyaluronic acid
- 5 Coordinates inflammation and accelerates angiogenesis



Perisolv can be used with Hyadent BG as part of the **CLEAN&SEAL**® concept. This treatment approach was developed based on scientific data,^{5,6} provides guidance and support for the treatment and control of peri-implant and periodontal diseases.

The likelihood of success is further increased by the supportive application of sealing agents for protection and regenerative support and by regular follow-up to monitor and control inflammation.⁷

AVAILABLE PRODUCTS

PERISOLV

Size	Article number
5 x 0.6 ml syringes	0131.401



hyadENT BG

Size	Article number
2 x 1.2 ml ampullas	BS091



LITERATURE

1. Iorio-Siciliano V, Blasi A, Stratul SI, Ramaglia L, Sculean A, Salvi GE, Rusu D. Anti-infective therapy of peri-implant mucositis with adjunctive delivery of a sodium hypochlorite gel: a 6-month randomized triple-blind controlled clinical trial. *Clin Oral Investig.* 2020 Jun;24(6):1971-1979. doi: 10.1007/s00784-019-03060-2. Epub 2019 Aug 21. PMID: 31432311.
2. Guarnelli ME et al. 'Professional local administration of chloramine-based treatment in conjunction with ultrasonic mechanical instrumentation: clinical outcomes in patients with deep periodontal pockets persisting following active non-surgical therapy'. *Minerva Stomatologia*, April 2015; Vol. 64 suppl. 1 al No. 2: 158-159.
3. Data on file.
4. Iorio-Siciliano V, Ramaglia L, Isola G, Blasi A, Salvi GE, Sculean A. Changes in clinical parameters following adjunctive local sodium hypochlorite gel in minimally invasive nonsurgical therapy (MINST) of periodontal pockets: a 6-month randomized controlled clinical trial. *Clin Oral Investig.* 2021 Mar 9. doi: 10.1007/s00784-021-03841-8. Epub ahead of print. PMID: 33687555.
5. Jepsen S et al. Primary prevention of periimplantitis: managing periimplant mucositis. *J Clin Periodontol* 2015; 42(Suppl. 16):S152-S157. doi: 10.1111/jcpe.12369.
6. Costa FO et al. Peri-implant disease in subjects with and without preventive maintenance: a 5-year follow-up. *J Clin Periodontol* 2012; 39(2): 173-183. doi: 10.1111/j.1600-051X.2011.01819.x.
7. Pirnazar P et al. Bacteriostatic effects of hyaluronic acid. *J Periodontol* 1999; 70(4): 370-374. doi: 10.1902/jop.1999.70.4.370.
8. Mayer Y, Ginesin O, Horwitz J. A nonsurgical treatment of peri-implantitis using mechanic, antiseptic and anti-inflammatory treatment: 1 year follow-up. *Clin Exp Dent Res.* 2020 Aug;6(4):478-485. doi: 10.1002/cre2.286. Epub 2020 Mar 17. PMID: 32185910; PMCID: PMC7453777.

Perisolv is a registered trademark and is manufactured by REGEDENT AG. Hyadent BG is a registered brand and manufactured by BioScience GmbH.

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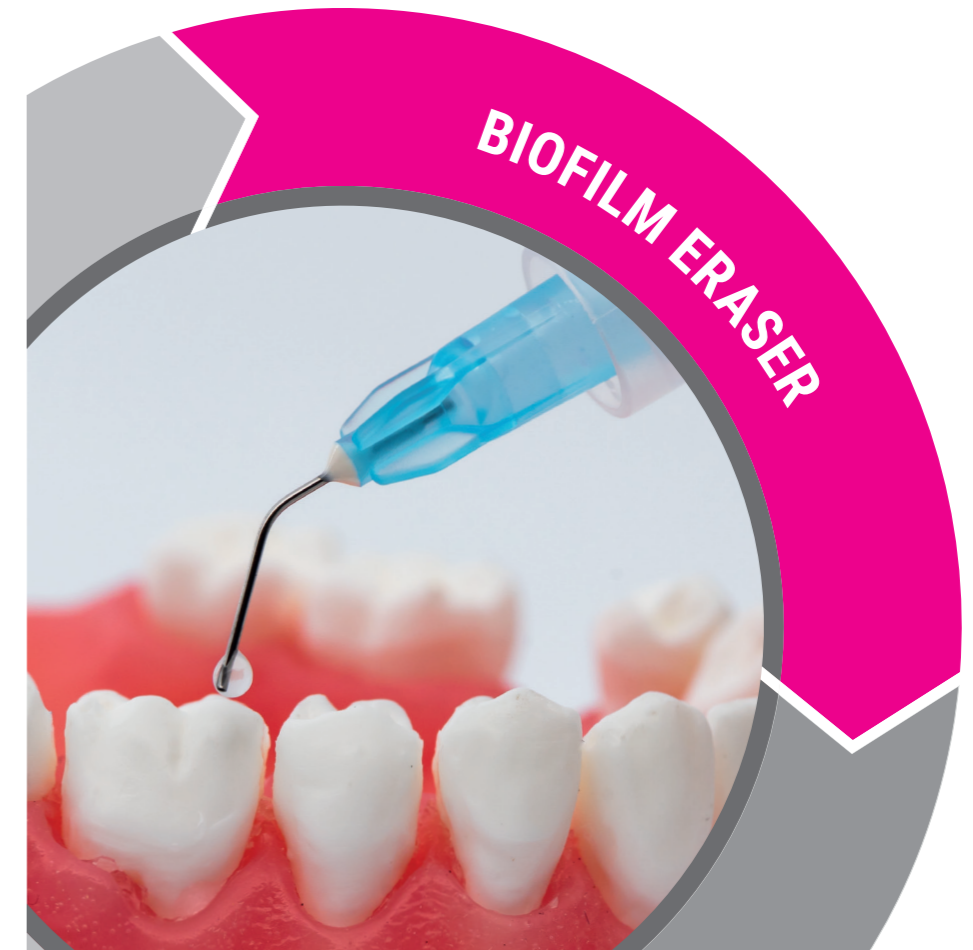
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REGEDENT
smart regeneration



PERISOLV

Oral debridement gel



A NEW APPLICATION

FOR PERIODONTAL AND PERI-IMPLANT INFLAMMATION

Periodontitis, peri-implant mucositis and peri-implantitis are bacterial inflammations with similar symptoms. The underlying cause of all three indications, which progress in a similar way, is bacterial plaque forming a biofilm, rich in pathogenic bacteria. The softening of the biofilm and effective elimination of the bacteria is the key prerequisite for successful treatment of these conditions.⁴

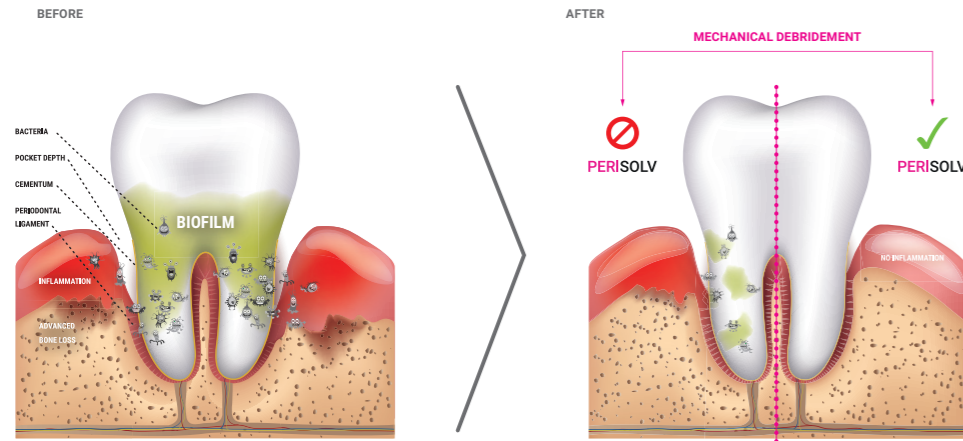
Perisolv is a new debridement gel used in addition to mechanical debridement to precondition the treatment site by softening and degrading biofilm on tooth root/dental implant surface.

PERISOLV-EFFECTS

- Elimination of the biofilm*
- Improved peri-implant situation such as mucositis^{1,8}
- Reduction of pocket depth^{2,3}

MODE OF ACTION

MECHANICAL DEBRIDEMENT ALONE OR WITH PERISOLV



* Enhancing bacterial removal by mechanical debridement.

TREATMENT OF PERI-IMPLANT MUCOSITIS

CASE BY PROF VINCENZO IORIO-SICILIANO, UNIVERSITY OF CATANZARO, ITALY



Implant with probing depth (PD) ≤ 5mm and BOP⁺.



Application of Perisolv before non-surgical treatment.



Biofilm removal using a sonic scaler with PEEK tip.



6 MONTHS AFTER TREATMENT
Probing depth (PD) after 6 months observation time.

TREATMENT OF A FURCATION DEFECT

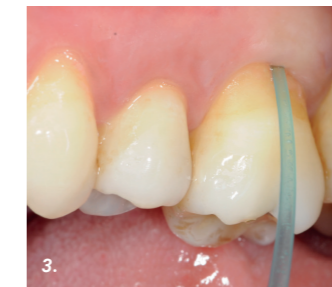
CASE BY PROF VINCENZO IORIO-SICILIANO, UNIVERSITY OF CATANZARO, ITALY



1. A PD of 5 mm was noted.



2. A class-II furcation defect was recorded.



3. First application of Perisolv.



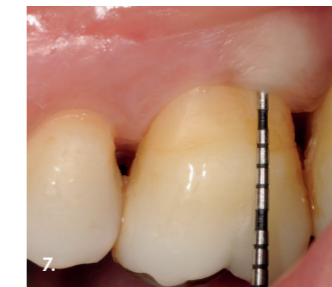
4. Scaling was performed using an ultrasonic device.



5. Second application of Perisolv.



6. Root planing was performed.



6 MONTHS AFTER TREATMENT
7. A PD of 3 mm was reported.



8. A class-I furcation defect with BOP⁻ was recorded.