

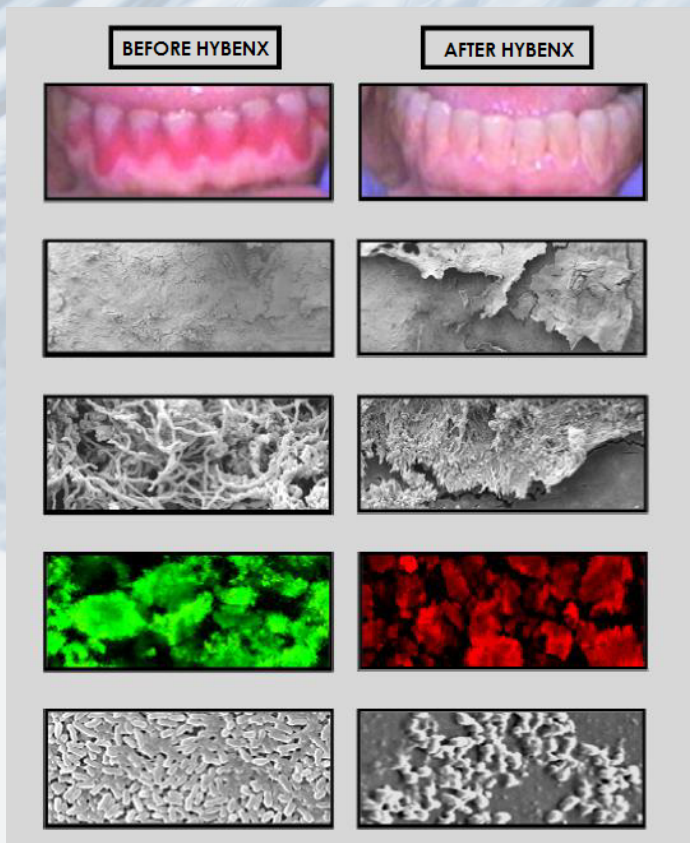
HYBENX

**ANTIMICROBIAL
ANTI-INFLAMMATORY
HAEMOSTATIC**



HybenX® Indications

- From the simplest routine prophylaxis to complex procedures
- Dental plaque removal
- Treatment of other infections of the oral cavity surfaces
- It facilitates the removal of the accumulated organic component in the gingival groove by desiccation and denaturation, leaving the patient less traumatized and more comfortable
- With a single application, the painful symptoms of recurrent aphthous stomatitis are reduced safely and effectively
- Hybenx® acts as an adjuvant to any standard dental procedure



HybenX® Expanded information and bibliography

www.hybenx.it

Exclusive distributor

 **Dentalglam**

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HYBENX®
Oral Tissue Decontaminant

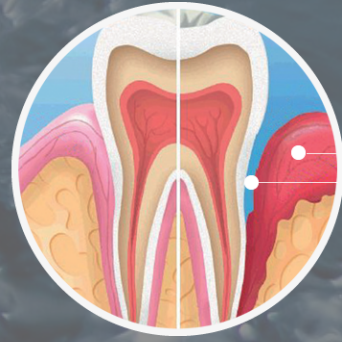
ELIMINATE BACTERIAL BIOFILM

CE

HYBENX
Oral Tissue Decontaminant

**ANTIMICROBIAL
ANTI-INFLAMMATORY
HAEMOSTATIC**

HEALTHY GUM



BIOFILM

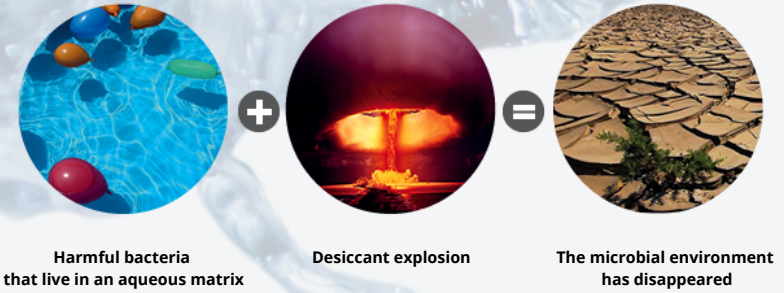
Inflammation
Periodontal pocket

Biofilm is a complex film of microorganisms that live in an organic matrix (formed by polymers and polysaccharides in the aqueous phase) strongly attached to the surface of the teeth. Biofilm formation begins when freely fluctuating microorganisms are fixed to a surface. When a group of bacteria accumulate on a surface and reach a particular cell density, a secretion of polymeric substances composed of polysaccharides, proteins and DNA begins, which associating with free water molecules in the surrounding environment, gives rise to a matrix in which bacterial cells are strongly established.

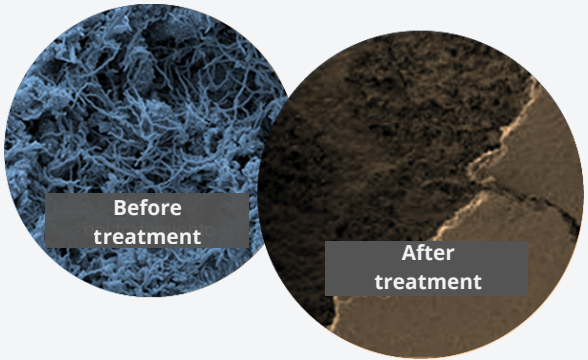
What is HybenX® and how does it work?

HybenX® is a semi-viscous and opaque violet-colored liquid for topical use, for local application in the oral cavity. **HybenX®** contains sulfonated phenolic compounds and sulfuric acid in aqueous solution. **HybenX®** is a Class I medical device.

HybenX® uses the hygroscopic characteristics of sulfur present in its composition to quickly and efficiently absorb the water contained in the Biofilm by drying it.



Harmful bacteria that live in an aqueous matrix + Desiccant explosion = The microbial environment has disappeared



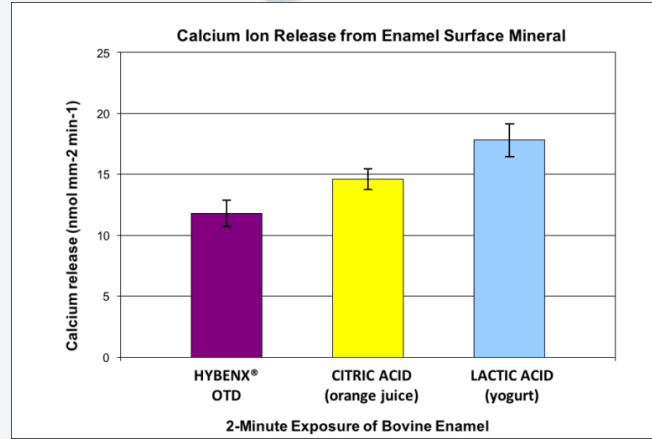
Without the presence of water, the organic polymers that form the backbone of the Biofilm matrix precipitate. The entire Biofilm structure collapses and separates from the surface of the tooth and tissues. Coagulated Biofilm is easily irrigated and evacuated by surgical aspiration.

HybenX® properties

The properties of **HybenX®** are those of a desiccant and not those of an acid. Studies have shown that **HybenX®** causes less erosion than orange juice or yogurt and does not damage the pulp or periodontium.

The **HybenX®** family of products has been used safely in more than 7 million oral applications worldwide.

(Study adapted from techniques outlined in Attin T: Methods for Assessment of Dental Erosion; in Lussi A (ed); Dental Erosion. Monograph Oral Sci. Basel, Karger, 2006, pp 152-172.)



HybenX® application time

The parameters of its application depend on the decision of the Clinician (once the application time has elapsed, wash with physiological solution and remove with surgical aspiration).

Mouth ulcers

10s

Non-surgical and minimally invasive treatment of periodontitis and perimplantitis

30s

Endodontics, open pit implant surface treatment

60s

HybenX® product presentations

HybenX® is presented in Blister of 2 syringes of 1 ml each for a comfortable application, either liquid or gel. The liquid is also presented in a 2 ml vial.

HybenX® Liquid syringe

REF 103-2001

Effective in the prevention and treatment of

**Gingivitis and Periodontitis
Decontamination of post-extraction socket
Endodontics**



HybenX® Gel syringe

REF 103-5002

Effective in the prevention and treatment of

**Mucositis y Periimplantitis
Implant prosthesis maintenance**



HybenX® vial

REF 103-1002

