









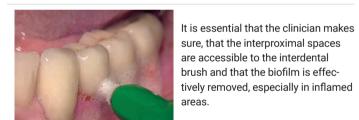








5 mm probing depths associated with bleeding (BoP+). Peri-implant mucositis is diagnosed.





PERISOLV® is a new cleaning gel, which is used in addition to mechanical debridement. It is a two component system that is mixed before clinical application.



The PERISOLV® gel is prepared by mixing the two components. This leads to the subsequent formation of a turbid, viscous solution consisting of water, carboxymethyl cellulose, sodium hypochlorite, sodium chloride, amino acids and titanium



An effective Biofilm Eraser (PERISOLV®) is applied.

dioxide with an alkaline pH.



After application of PERISOLV® and a reaction time of 30 seconds, the biofilm is mechanically removed with a titanium coated stainless steel curette, mainly with horizontal strokes.



The clinician uses site-specific instrumentation including manual curettes and ultrasonic instruments with specific implant inserts.



Any residual biofilm present at the sites of mucositis diagnosis is removed using an ultrasonic device and a specific implant insert, which is held tilted to the long axis of the implant to allow gentle penetration into the peri-implant pocket.



(PERISOLV®) is repeated and acts by softening the extracellular matrix of the biofilm.5 PERISOLV® is applied three times to the inflamed site to effectively disinfect the implant



After an exposure time of 30 seconds, the mechanical debridement using hand-held instruments and an ultrasonic device is repeated. In the illustrated case, a titanium brush mounted on a slow-speed handpiece was used to achieve additional and effective decontamination.



After completion of the non-surgical peri-implant debridement, hyaluronic acid is applied to promote the healing process.9,10



Besides its bacteriostatic action, hyaluronic acid (HYADENT BG) is mainly applied to stabilize blood clotting and promote the healing process based on the concept CLEAN&SEAL®

SEALING EFFECT:

(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**



The healing process is supported by the presence of hyaluronic acid, which has been shown to protect the site and up-regulate several growth factors.6,7,8

CAUSE-RELATED NON-SURGICAL PERI-IMPLANT THERAPY

APPOINTMENT TIMES	O:D	1.5 h	
	<u>Q</u>)	20 min.	After approx. 30 days
	<u>(</u>	1.0 h	RECALL after 3 months (4 months from baseline)



Approximately one year after the diagnosis of peri-implant mucositis, the probing values are within normal range and no bleeding is detected.



Peri-implant mucositis has been successfully resolved using nonsurgical treatment. An important factor was scrupulous home care and constant motivation of the patient at each scheduled appoint ment of the described protocol.

Clean and Seal_Flyer_2020_Sprachen.indd 1

EARLY AND EFFECTIVE INTERCEPTION OF PERI-IMPLANT DISEASE

SEALING EFFECT:

(1) ATTRACTS BLOOD

TISSUE REGENERATION

PROVIDES PROTECTION

3 BACTERIOSTATIC EFFECT

BY HYALURONIC ACID

The CLEAN&SEAL® concept, which was developed based on scientific data,^{1, 2} provides guidance and support for the treatment and control of peri-implant mucositis. It allows clinicians to save implants and prevent the development of peri-implantitis, which helps to further prevent larger procedures required to rebuild peri-implant tissue.

Peri-implant disease is divided into two subgroups: peri-implant mucositis, 1-3 which is characterized by soft tissue inflammation without bone loss and peri-implantitis, which is characterized by progressive loss of the supporting bone.4 If left untreated, in the worst-case peri-implantitis can result in the loss of the affected implant. This problem is relatively new to clinicians and dissatisfying for

It is of great importance to treat peri-implant disease at an early stage, with infection control and extensive debridement being crucial for positive treatment outcomes.^{1, 2} 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.6





AVAILABLEPRODUCTS







BIOFILM ERASER

PERISOLV® 10500 5 x 0.6 ml syringe

LITERATURE

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PERISOLV® is a registered trademark and is manufactured by RLS Global AB, Neongatan 5, SE-431 53 Mölndal.

HYADENT BG is a registered brand and manufactured by BioScience GmbH, Walsmühler Str. 18, 19072 Dümmer, Germany,

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