PerioStōm®

Deacetylated Chitosan Microspheres

Statistics of Periodontal Disease in the U.S.

2 in 5

2 in 5 adults are affected by some form of gum disease.

47%

47% of adults age 30 or older have some form of gum disease.

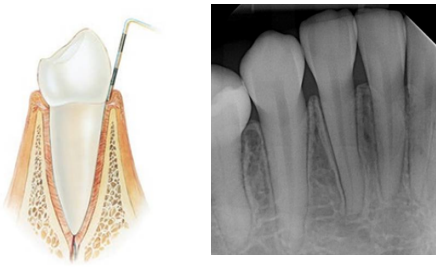
70%

70% of adults age 65 or older have some form of gum disease.

1

Oral health affects systemic health because the mouth and body are connected as **1**.

Periodontal disease, also called gum disease, is an infection and inflammation that affects the tissues and bone that support your teeth. It is a common disease that affects people of all ages. If it is not treated, the disease can cause tooth loss.

Healthy Gums	Mild-Moderate Periodontitis
	
	
1-3 mm Pocket Depth Is Healthy	4+ mm Pocket Depth Is Unhealthy

Warning Signs of Periodontal Disease

- ✓ Gums that bleed when you brush or floss
- ✓ Gums that are red, swollen, puffy, or tender
- ✓ Bad breath that doesn't go away
- ✓ Feeling that your teeth are loose
- ✓ A change in the way your teeth fit together when you bite

Ask your dentist about options for treating periodontal disease.

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Your provider has recommended

PerioStōm®

Deacetylated Chitosan Microspheres

PerioStōm® is an FDA-cleared, non-drug, innovative treatment with an advanced delivery system.

PerioStōm® is a proprietary formulation of chitosan microspheres intended for the protection of oral mucosa due to irritation, trauma, or following iatrogenic procedures such as scaling and root planing.

Chitosan has shown to be:

Biocompatible

Chitosan is widely regarded as being a non-toxic, biologically compatible polymer.[1]

Anti-biofilm

Chitosan showed a strong effect against periodontal pathogens through the inhibition of biofilm formation.[2]

Anti-microbial

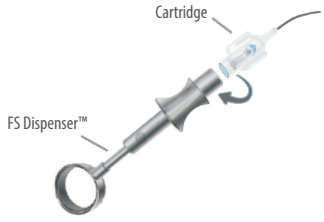
Chitosan is shown to have an antimicrobial activity against P. gingivalis.[3]

Anti-inflammatory

Chitosan was shown to interrupt the inflammatory pathways in vitro and in vivo in multiple tissue types and delivery methods.[4]

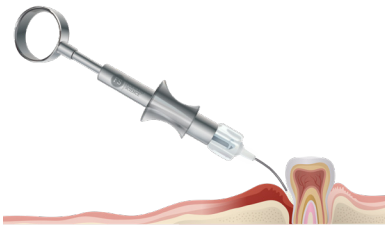
PerioStōm Process

STEP 1



Twist cartridge onto FS Dispenser™ until it clicks.

STEP 2



Place cartridge tip into the base of the periodontal pocket.

STEP 3



Remove the FS Dispenser™ from the pocket and dispose of the cartridge.

Following Treatment

- ✓ Avoid manipulating or touching the treated areas
- ✓ Do not clean between the treated teeth for the next 48 hours
- ✓ Avoid chewing sticky, hard, or crunchy foods such as gum, taffy, raw apples, etc. for the next 48 hours

MICRO spheres. MACRO impact.™

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1 Kean T and Thanou M. Biodegradation, biodistribution and toxicity of chitosan. Adv Drug Dev Rev. 62(1):3-11;2010. 2 Costa EM, et al. Antimicrobial Effect of Chitosan against Periodontal Pathogens Biofilms. SOJ Microbiol Infect Dis. 2(1):1-6;2014. 3 Ikinci G, et al. Effect of chitosan on a periodontal pathogen Porphyromonas gingivalis. Intl J Pharma. 235(1-2):121-127;2002. 4 Azuma K, et al. Anticancer and anti-inflammatory properties of chitin and chitosan oligosaccharides. J Funct Biomater. 6(1):33-49;2015. / PerioStōm® is a registered trademark of Forward Science®.

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