



## focus

# Gut health starts at the entrance



The **oral microbiome** plays a crucial role in maintaining general health. It's essential as is the **gut microbiome**. You can't see them as separated, they go hand in hand.

A vibrant oral microbiome promotes healthy cardiovascular and systemic immune function. Oxidative stress and inflammation play a role in the deterioration of tooth and gum health. Protection against these processes provide multiple benefits to support the health of the oral microbiome.

**Green tea** decreases oxidative stress and inflammation. As well as **cinnamon**, a well-known antimicrobial herb shown to benefit the oral microbiome. **Lactobacillus reuteri**, also a probiotic strain of bacteria, produces organic acids, hydrogen peroxide, and a bacteriocin-like compound that inhibits and reduces pathogenic bacteria. **Lactobacillus salivarius** have been shown to inhibit the growth of S. mutans and is synergistic with green tea.

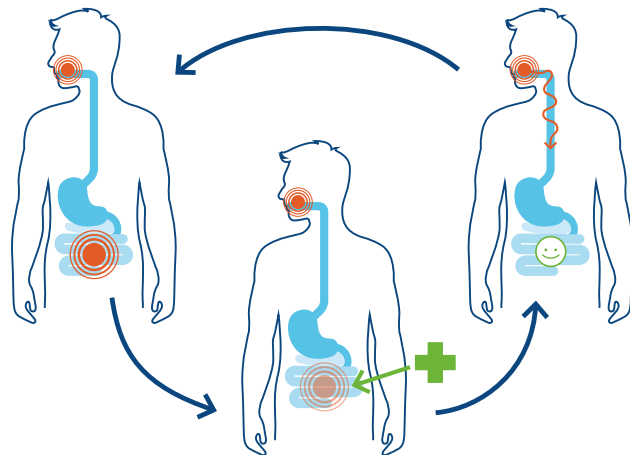
OraMax™ are oral tablets, an extremely effective way to target and support the oral microbiome.



## Goals

### 1 \_ Treatment: treat the entire digestive system

When you treat gut problems in patients with an affected oral microbiome, relapse is most likely. It is like a vicious circle, with every swallow the gut microbiome is reinfected.



### 2 \_ Avoiding relapse and prevention

OraMax™ supports the overall oral health.



## Mechanisms of action

- Restores a healthy oral microbiome
- Disrupts biofilm/plaque
- Promotes normal gum tissue via a healthy regulatory cytokine response
- Crowds out bad bacteria
- Influences oral microbiome and systemic immune response



# OraMax™

## Complete oral health complex

OraMax™ is a comprehensive oral health solution that promotes a healthy oral microbiome, disrupts harmful plaque-causing biofilms, and provides antioxidant protection to support oral tissue and periodontal health. Include OraMax™ as part of standard dental care to optimize patient oral health.

indication	Oral probiotic to support a healthy oral microbiome	
dosage	Dissolve 2 x 1 tablet per day in mouth after brushing teeth	
packaging	60 dissolvable tablets per container	
daily dose (based on 2 dissolvable tablets)	Lactobacillus reuteri (LRE-15)	50 mg
	Green tea leaf extract	50 mg
	Cinnamon bark	24 mg
	Cinnamon bark extract	12 mg
	Lysozyme	8 mg
	Bifidobacterium lactis (HNO19)	3,34 mg
	Peppermint leaf oil powder	2 mg
	Lactobacillus salivarius (LS-33)	1,66 mg

## Mechanisms of action\*

- Restores a healthy oral microbiome
- Disrupts dental biofilms/plaque
- Promotes normal gum tissue via a healthy regulatory cytokine response
- Crowds out bad breath-causing bacteria

## We cannot overlook the importance of oral health as a critical aspect of whole-body health.

The oral microbiome is one of the body's first defenses against immune assaults. An unbalanced oral microbiome has been associated with increased pro-inflammatory cytokines such as IL-6 and reduced regulatory cytokine, IL-12. Adverse gum health compounds these same cytokine responses, and if this cytokine balance is left untreated, it may lead to long-term bone, gum, and tooth health issues. Gum health is also closely linked to heart health and overall aging status. Studies that involved probiotics as an adjunct to clinical periodontal treatment report a marked improvement in patient clinical status compared to clinical treatment alone.

OraMax™ combines published researched-based probiotic strains, enzymes, herbs, and xylitol to promote healthy cytokine and oxidative stress responses, maintain normal plaque levels for long-term teeth and gum health, and maintain a healthy oral microbiome.

## Suggested use

As a dietary supplement, dissolve 1 tablet in mouth twice daily after brushing your teeth, or use as directed by your healthcare professional.

## Cautions

If pregnant or nursing, consult your health care professional before use.

\* These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

Targeted action	Constituent
Gum health	L. reuteri LRE-15 B. lactis HNO19 L. salivarius LS-33
Cavities	L. reuteri LRE-15 B. lactis HNO19 L. salivarius LS-33 Xylitol Green Tea
Cytokine management	L. reuteri LRE-15 B. lactis HNO19 L. salivarius LS-33 Green tea Cinnamon
Microbial balance	L. reuteri LRE-15 B. lactis HNO19 L. salivarius LS-33 Xylitol Cinnamon
Biofilms	B. lactis HNO19 L. salivarius LS-33 Xylitol Lysozyme Cinnamon
Antioxidant	Green Tea Cinnamon
Fresh bBreath	L. reuteri LRE-15 L. salivarius LS-33 Green tea Cinnamon

# References

## OraMax™



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