

# OraStem™



Stemtech is a company of innovations and a pioneer in a novel category of dietary supplements - Cellular Nutrition powered by Natural Stem Cell Technology. Stemtech's research team continues to advance its natural products based on cutting edge research. We are proud to introduce our expansion into the new category of Oral Health.

Maximizing oral health is essential not only for your teeth and gums but also for the overall health of your body and healthy aging. The mouth is a 'window to your body' where critical chemical reactions occur in teeth and saliva, affecting your whole body's systems.

Stem cells are at the center of the body's ability to renew and restore all tissues and organs. This includes your teeth and gums! Research has discovered that stem cells are found in your teeth, gums, and salivary glands. Their natural support is of great importance.

Keeping your teeth and gums healthy with the application of healthy products is imperative, as evidence suggests that people with advanced oral problems may be more likely to develop major health challenges.

OraStem is an all-natural breakthrough in oral healthcare, so unique, it has patents pending.

## OraStem for Your Everyday Oral Care and Healthy Longevity!

The world's most advanced ALL-NATURAL toothpaste – OraStem – brightens your smile and addresses your oral health in innovative and multi-dimensional ways.

The unique combination of fourteen all-natural, non-GMO, and organic ingredients effectively protect, strengthen, rejuvenate, restore, and support your teeth and gum function from the cellular level. But there is more great news! The natural compounds in OraStem also provide powerful anti-oxidative and anti-microbial protection, support your tooth strength with essential minerals, help to gently remove stains, brighten your teeth in a natural and non-abrasive way, and freshens breath.

All of this is achieved without any harmful additives, preservatives, abrasive compounds or bleaching agents.

OraStem support your teeth and gums and whiten teeth in a natural, safe way, and takes your oral health to a new, high level. OraStem also protects your overall health!

## INGREDIENTS

### KEY BENEFITS:

- Innovative, research-based, and patent pending product
- Addresses oral health in a multidimensional way
- Implements natural, non-abrasive whitening technology
- Formulated with all-natural, organic, non-GMO, gluten-free ingredients and natural flavors
- Source of powerful antioxidants, botanicals, and minerals that support healthy teeth and gums
- Supports dental stem cells physiology in teeth and gums, contributing to periodontal and overall health
- Promotes fresh breath
- Free of fluoride, SLS, triclosan, other chemicals, bleaching agents, additives, preservative, colorants, artificial sweeteners, and sugar.

### USAGE:

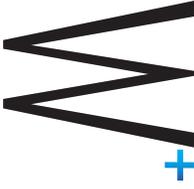
Use 2 times per day

### FOR MORE INFORMATION:

View our product brochures and visit our website at [www.stemtech.com](http://www.stemtech.com). Tune in to weekly conference calls & webinars: Wednesdays 9:00pm EDT / 6:00pm PDT Watch your emails for topics and dates.

INGREDIENTS	BENEFITS
Fucoidan (Undaria Pinnatifida extract)	Undaria Pinnatifida extract supports oral health, dental stem cell function, and prevents anti-microbial activity.
Aloe Vera extract (BioAloe)	Aloe Vera extract provides protective effects for teeth and gums, supports stem cell function, and helps to maintain optimal oral health. BioAloe extract is ten times more bio-active than any other regular Aloe extract.
Grape Extract (Muscadine Grapes)	The 'king of grapes' - Muscadine grape extract impacts the hardness and strength of tooth enamel and dentin, supports collagen in dental tissues, and healthy stem cells activity.
coQ10	Coenzyme Q10 is a powerful antioxidant and bio-energizer in periodontal health. It helps improve the health of teeth and gums, and gum attachment to teeth.
Quercetin	Powerful antioxidant that naturally supports healing effects in gums and mouth mucosa, and dental stem cells activity.
Green Tea Extract (Camelia sinensis)	Promotes strong teeth and gums while naturally combating bad breath.
Vitamin C	Vitamin C is a critical nutrient for healthy teeth and gums, synthesis of collagen, and reinforcement of connective tissue in teeth and gums.
Tea Tree Oil	Prevents anti-microbial activity, provides natural protection for gums, and non-abrasive teeth whitening effects
Papaya Extract	Provides non-abrasive natural whitening effects and helps to gently remove stains from the surface of teeth.
Coconut oil	Helps to naturally cleans and detoxify the mouth, prevents anti-microbial activity, and naturally whitens teeth.

## LABEL

	<p><b>OraStem™</b> BY Stemtech</p> <p><b>WHITENING EFFECT FRESH BREATH</b></p> <p>OraStem™ helps to whiten teeth in a natural and non-abrasive way. It gently eliminates stains, refreshes breath, and protects teeth and gums. OraStem will leave you with a velvety feeling of cleanliness and freshness. It is free of fluoride, harsh additives, chemical, and artificial colorants.</p> <p>Ingredients: Purified water (Aqua), Vegetable glycerin, Silica (Non-Hydrated), Cocos nucifera (Coconut oil), Carica jamaicensis (Papaya extract), Mentha piperita (Peppermint flavor), Calcium carbonate, Lauryl glucoside, Sodium bicarbonate, Xanthan gum, Guar gum, Melaleuca alternifolia (Tea tree oil), Mentha arvensis crystals, Undaria pinnatifida (Fucoic acid), Stevia rebaudiana, Activated charcoal, Coconut shell, Tocopherol (Vitamin E), Vitamin C (Lemon), Xylitol, Aloe barbadensis (Aloe vera extract), Camellia sinensis (Green tea leaf extract), Sophora japonica (Quercetin), Ubiquinol (Coq10), Vitis rotundifolia (Grape extract).</p> <p>Instructions for use: Brush your teeth after every meal, at least two times a day, or as directed by your dentist.</p> <p>Warning: If the product causes irritation or an abnormal reaction, immediately discontinue use and consult your dentist. Children under 6 years old must use toothpaste under the supervision of an adult.</p> <p>Product of USA. Manufactured in Mexico for Stemtech Corporation &amp; Its Subsidiaries. Patents Pending</p> <p>REV1-NOV18 FEMCODE 10801      STORE IN A COOL AND DRY PLACE      www.stemtech.com      NET WT. <b>125 gr / 4.4 oz.</b></p>	
<p><b>OraStem™</b> BY Stemtech</p>	<p><b>OraStem™</b> FLUORIDE FREE LIBRE DE FLUORURO BY Stemtech</p> <p><b>WHITENING BLANQUEAMIENTO</b></p>  <p>NET WT. CONTENIDO NETO <b>125 gr / 4.4 oz.</b></p> <p>www.stemtech.com</p>	<p><b>OraStem™</b> BY Stemtech</p>
	<p><b>OraStem™</b> BY Stemtech</p> <p><b>EFFECTO BLANQUEADOR ALIENTO FRESCO</b></p> <p>OraStem™ ayuda a blanquear los dientes de una manera natural y no abrasiva. Elimina suavemente las manchas, refresca el aliento y protege los dientes y las encías. OraStem te dejará con una sensación aterciopelada de limpieza y frescura. Está libre de fluoruro, aditivos fuertes, químicos y colorantes artificiales.</p> <p>Ingredientes: agua purificada (agua), glicerina vegetal, sílice (no hidratada), cocos nucifera (aceite de coco), carica jamaicensis (extracto de papaya), mentha piperita (sabor a menta), carbonato de calcio, lauril glucosido, bicarbonato de sodio, goma de xantano, goma guar, melaleuca alternifolia (aceite del árbol del té), cristales de menta arvensis, undaria pinnatifida (fucoídico), stevia rebaudiana, carbón activado, cáscara del coco, tocoferol (vitamina E), vitamina C (limón), xilitol, aloe barbadensis (extracto de aloe vera), camellia sinensis (extracto de hoja de té verde), sophora japonica (quercetina), ubiquinol (coq10), vitis rotundifolia (extracto de uva).</p> <p>Instrucciones de uso: cepíllese sus dientes después de cada comida, al menos dos veces al día, o como lo indique su dentista.</p> <p>Advertencia: Si el producto causa irritación o una reacción anormal, deje de usarlo inmediatamente y consulte a su dentista. Los niños menores de 6 años deben usar pasta de dientes bajo la supervisión de un adulto.</p> <p>Hecho en México para Stemtech Corporation y sus subsidiarias Hecho por: FITO PHARMA, S.A. DE C.V., Guadalajara, Jalisco, México. Patentes Pendientes.</p> <p>ALMACENE EN LUGAR FRESCO Y SECO      www.stemtech.com      CONTENIDO NETO <b>125 gr / 4.4 oz.</b></p>	
	<p><b>OraStem™</b> ALL NATURAL COMPLETAMENTE NATURAL BY Stemtech</p>  <p><b>FLUORIDE FREE LIBRE DE FLUORURO</b></p> <p><b>FRESH BREATH ALIENTO FRESCO</b></p> <p><b>WHITENING EFFECT EFFECTO BLANQUEADOR</b></p> <p><b>REMOVES STAINS ELIMINA MANCHAS</b></p> <p><b>ALL NATURAL COMPLETAMENTE NATURAL</b></p> <p><b>PROTECTS TEETH AND GUMS PROTEGE DIENTES Y ENCÍAS</b></p> <p>www.stemtech.com</p>	

## RESEARCH / REPORTS / ARTICLES

Grape Products and Oral Health - The Journal of Nutrition. 2009 Sep; 139(9): 1818S-1823S

New Dentin Research. 'Grape' News for Resin-bonded Fillings - Consumer Guide to Dentistry. Last modified on November 21, 2017

Benefits of Aloe Vera in Dentistry - Journal of Pharmacy & BioAllied Sciences. 2015 Apr; 7(Suppl1): Department of Periodontics and Preventive Dentistry, SRM Dental College and Hospital, Ramapuram. Chennai, Tamil Nadu, India.

Clinical evaluation of topical application of perio-Q gel (Coenzyme Q10) in chronic periodontitis patients. J Indian Soc Periodontol. 2012 Apr-Jun; 16(2): 193-199.

Dental Stem Cells - Identified in teeth, gums, and in salivary glands [*Indian J Hum Genet. 2012*].

Dental Stem Cells - Can repair the teeth and gums [*Scientific Reports, 2017*]

Dental Stem Cells - Exhibit high plasticity and multi-potential capabilities [*Science Translational Medicine, 2018*].

Dental Stem Cells - A gold standard for bone and other organs reconstruction in humans [*Stem Cells International 2016*]

Fucoidan - Significant Oral Health Effects. Strong antimicrobial activity against dental caries and bacteria [*J. Archives of Oral Biology, 2013; KR2012 0047321A*].

Fucoidan - Oral cleaning effects [*Cha et al., 2007*].

Fucoidan - Documented to increase the effectiveness of antibiotics against oral bacteria [*J. Archives of Oral Biology, Feb. 2013*].

Fucoidan - ampicillin and gentamycin for oral cavity and against antibacterial activity [*2-14-10-14KR10145008B1. Grant*].

BioAloe (Aloe Vera) - The effects proven by the Academy of General Dentistry [*ScienceDaily, 28 Jul. 2009; Oct. 2011*].

BioAloe - Protective effects and cell-repairing capabilities for natural teeth and dentures [*Moore TE. Aloe Vera: 2012*].

Bio Aloe - Helps to reduce inflammatory irritation and canker sores caused by dentures [*Moore TE. Aloe vera: 2012*].

BioAloe - Activates stem cells [Dent Traumatol. 2016 (*Inter J Phytomed and Related Industr. Dec. 2017, Biomed Res Int. 2018*).

Grape Extract (Muscadine Grapes - Vitis rotundifolia) - Impacts the hardness and strength of tooth enamel and dentin [*J. Dent. 2008*].

Grape Extract (Muscadine Grapes - Vitis rotundifolia) - A promising natural agent for non-invasive root caries therapy [*J. Dent. 2008*].

Grape Extract (Muscadine Grapes - Vitis rotundifolia) - Increase the life of resin-bonded fillings [*J. Dent. 2008; University of Illinois at Chicago College of Dentistry, 2017*].

Grape Extract (Muscadine Grapes - Vitis rotundifolia) - Strengthens collagen-based tissues by increasing collagen cross -links [*J. Dent. 2008; University of Illinois at Chicago College of Dentistry, 2017*].

Quercetin - Natural preventive and even therapeutic agent in dental caries [*Arch Pharm Res. 1990; j Contemp Dent Pract. 2010*].

Quercetin - Supports dental stem cells activity [*Minerva Stomatol. 2014*].

Quercetin - Anti-inflammatory effects against oral pathogens, anti-oxidative and anti-carcinogenic protection [Arch Oral Biol. 2018].

Green Tea Extract (Camelia sinensis) - Promotes strong teeth and gums [*J Perodontol 2009*].

Green Tea Extract (Camelia sinensis) - Provides mineral to teeth [*CS Appl. Mater. Interfaces, 2017; J Phys.: Conf. 2017 Ser. 884*].

Green Tea Extract (Camelia sinensis) - Naturally combats oral plaque, fights bad breath. Helps to reduce oral bacteria - Streptococcus mutants [*University J Dent Scie. 2016*].

Coenzyme Q10 - Strongly protects gums from inflammations and advanced inflammations [*Indian J pharmacol. 2010*].

Coenzyme Q10 - Powerful antioxidant and bio-energizer in periodontal health [*Indian J Pharmacol 2010*].

Coenzyme Q10 - Beneficial effects on the periodontal tissue and stem cells [*Pharmacol Rep. 2007*].

Helps improve gum attachment to teeth by significant 20% [*Int J Vitam Nutr Res. 1973*].

Tea Tree Oil (Malaleuca alternifolia) - Natural and non-abrasive whitening effects., Strongly anti-inflammatory, anti-septic, and gum protecting effects [*Aust Den 2000, Med Dent Helv., 2000, Oral Microbiol Immunol, 1994*].

Tea Tree Oil (Malaleuca alternifolia) - Helps to strengthen the tooth enamel, prevents caries, cleans the tongue an refreshes breath [*Med Dent Helv., 2000*]

Vitamin C - Protects against periodontal inflammations [*Journal of American Dental Association, 209; Journal of Periodontology 2000; Statistics Canada, 2002*].

Vitamin C - Helps improve gum healing [*Journal of Nutrition, 2007*].