Dentaplex® is uniquely designed to address the nutritional needs of specific dental patient types.

Periodontium

Perio Patients ~ Why Dentaplex?

- Periodontal infection alters the ability of oral tissues to utilize nutrients, interfering with normal healing and repair.
- Nutritional deficiencies weaken tissue resistance to plaque bacteria: increasing inflammation.
- The nutrients in Dentaplex can benefit the periodontium by:
  - strengthening the immunological response to bacteria,
  - aiding cell growth during periods of rapid turnover, and
  - assisting in the repair of connective tissue after injury from plaque and calculus.
- Dentaplex provides key nutrients that help increase the capacity of periodontal tissues and structures to:
  - resist infection,
  - strengthen and maintain natural barriers, and
  - helps repair damaged gingiva.

Note: References on file at MediNiche, Inc

Dentaplex®

Vitamin Mineral Supplement for Healthy Teeth & Gums

The #1 Recommended Supplement of Dental Professionals

- For use with perio, post-surgical, orthodontic, canker sore patients
- Unique formulation provides key dental-specific micronutrients:
  - High Potency B complex
  - High Potency Vitamin C
  - Bone Building Nutrients
- Aqueous-coated tablet for ease of swallowing
- Easy one-tablet daily use
- Can be taken in addition to daily multivitamin/multivitamin
- Reasonably priced

For more information or to purchase Dentaplex:

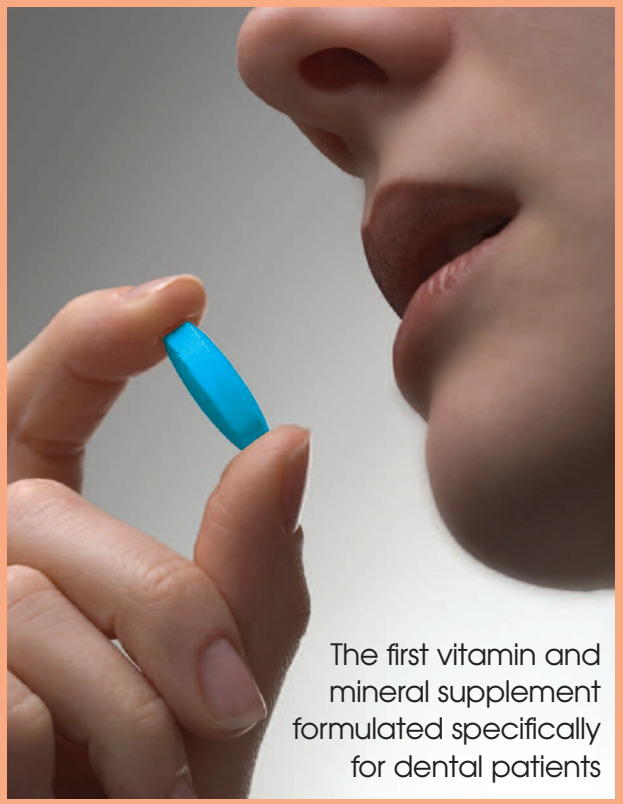
1. Call toll-free: 1-866-Dentaplex
2. email: dentaplex@mediniche.com
3. Visit: www.mediniche.com

MediNiche
167 Lamp & Lantern Village, #300
St. Louis, MO 63017
www.mediniche.com

For homecare of perio, post-surgical, orthodontic and canker sore patients.

Introducing...

Dentaplex®



The first vitamin and mineral supplement formulated specifically for dental patients

MediNiche

Clinical Support

1. Researchers analyzed vitamin C intakes and periodontal disease indicators in 12,419 U.S. adults. Patients who consumed less than 60 mg/day were at nearly one-and-a-half times the risk of developing severe gingivitis as those who consumed more than 180 mg/day.
2. A recent study investigated how calcium affected the incidence of periodontitis. In three of the population groups, they found a significant association between low calcium intake and increased incidence of gum disease.
3. Guidelines produced by the US Department of Health and Human Services include the following statement for periodontal disease prevention: "provide adequate intake of ascorbic acid and the B complex vitamins, which may help maintain periodontal health."
4. Gingival fluid represents a primary nutrient source for subgingival bacteria; decreases in gingival fluid flow rate have been reported with vitamin E or folic acid supplementation.
5. The growing body of evidence indicates that the barrier function of the oral epithelium can be modulated by a variety of nutrients, nutrients that play an important role in several fundamental processes in periodontal tissues.

Dentaplex – Micronutrient Complex for Dental Patients

Post-op & Orthodontic Patients

- Helps repair, heal and rebuild oral structures
- Strengthens alveolar (jaw) bone
- Studies show decreased levels of key nutrients during orthodontic adjustment.

Canker Sore Patients

- Studies show a high incidence of B complex vitamin deficiency among people with recurrent mouth ulcers.
- Folic acid deficiency is linked to a lessening of the body's ability stop a canker sore.

Dentaplex® Components and their Role in Oral Health

COMPONENT	AMOUNT	% DV*	FUNCTION
Vitamin A (20% as beta-Carotene)	5000 IU (1000 IU as beta-Carotene)	100%	• Antioxidant; protects cells by neutralizing free radicals that cause oxidative cellular damage • Essential for normal growth and maintenance of oral epithelial tissues and bones • Deficiency is associated with periodontal pocket formation, a symptom of periodontal disease
Vitamin C	300 mg	500%	• Important for the synthesis of collagen, the primary connective tissue in the gingiva and the major organic constituent of the alveolar (jaw) bone and the epithelium (the outer tissue layer) • Enhances the movement and function of white blood cells which are responsible for fighting infection • Deficiency is known to lead to severe periodontal disease • Certain individuals such as the elderly, cigarette smokers and those who take birth control pills tend to have lower blood levels of vitamin C
Vitamin D	200 IU	50%	• Essential for the development and maintenance of teeth and bones that surround and support teeth • Promotes intestinal absorption of calcium
Vitamin E	30 IU	100%	• A potent antioxidant; protects cells by neutralizing free radicals that cause oxidative cellular damage • Exhibits anti-inflammatory properties which may increase host resistance of the periodontium, limiting inflammation induced tissue destruction
B Complex Vitamin B1 Vitamin B2 Vitamin B6 Vitamin B12 Folic Acid	 7.5 mg 8.5 mg 10 mg 30 mcg 400 mcg	 500% 500% 500% 500% 100%	• Oral tissues are composed of rapidly growing cells with a high turnover rate, increasing the need for B complex vitamins • Helps maintain the body's normal immune function • Lower levels of B complex vitamins are associated with tooth loss
Calcium	333 mg	33%	• Essential to the normal development and maintenance of teeth and the bone that surrounds and supports teeth • Studies suggest that low dietary calcium intake is directly related to increased levels of periodontal disease. It has also been associated with gingival inflammation, pocket formation, and alveolar bone resorption
Magnesium	40 mg	10%	• Magnesium is essential for the mobilization of calcium from bone and assists in the maintenance of normal bone formation and regeneration. • Magnesium is present in both enamel and dentin, concentrated twice as much in the dentin than the enamel. • Deficiency can adversely effect the periodontium by producing a lower rate of alveolar bone formation and widening of the periodontal ligament (a symptom of periodontal disease)
Zinc	20 mg	133%	• Important in bone metabolism, including alveolar bone. • Vital for wound healing, immune function, and general growth of all tissues. • Inhibits the release of certain enzymes and histamine that cause inflammation.
Selenium	15 mcg	22%	• Antioxidant; protects cells by neutralizing free radicals that surround and support teeth, dentin, and enamel
Copper	2 mg	100%	• Important in stabilizing newly formed collagen tissues in the mouth
Molybdenum	25 mcg	33%	• Important in the growth and development of alveolar bone, dentin, and enamel.
Vanadium	10 mcg	**	• Required for cellular metabolism and for the formation of healthy bones and teeth

* %DV (Dietary Values) represents the Reference Daily Intake that has been established by the U.S. Food and Drug Administration (FDA). The DV for each nutrient represents the average need for most adults, though many circumstances may result in increased nutritional needs.
** DV not established