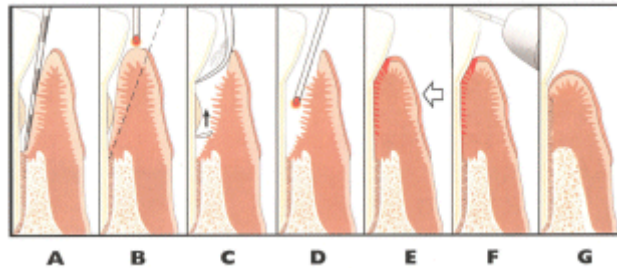


Laser Your Gum Disease 2007

Jeffrey P. Cranska, DDS



New methods for treating medical

conditions and diseases are always being developed. Arthroscopy has allowed surgeons to be minimally invasive gaining access in orthopedic surgery. LASIK has developed laser use for correcting vision.

Dentistry has a laser technique to treat periodontal disease in a revolutionary, minimally invasive way. Laser Assisted New Attachment Procedure (cementum-mediated new periodontal attachment to the root surface in the absence of long junctional epithelium). The procedure is often simply referred to as LANAP. LANAP results have been supported by fact and science.

Periodontal disease is one of the most common medical conditions facing our adult population. As many as 80% of thirty-five year olds are affected by periodontal disease. Two phases exist in periodontal disease. The early stage, Gingivitis, is a bacterium caused gum inflammation. Untreated gingivitis progresses into a chronic condition, affecting the bone supporting the teeth called Periodontitis. Many people don't even know they have periodontal disease until they risk losing teeth. Symptoms of Periodontal disease include: bleeding gums during brushing, swollen and tender gums, gums that recede away from the teeth, loose teeth, chronic bad breath, changes in the way teeth come together and pus between teeth and gums. However, the most common symptom is no symptoms until it is too late to prevent some permanent damage. Studies link the bacteria from periodontal disease to heart disease, diabetes and low birth weight babies. These bacteria need to be destroyed while still in the mouth before moving into other parts of the body.

The U.S. Food and Drug Administration Approval (510K 03029) has validated LANAP laser therapy results and safety. LANAP can be performed in a dental office. The Nd:YAG laser uses light energy directed through a tiny, glass fiber, it removes diseased tissue and aids in the reduction of bacteria associated with periodontal disease. When the infected area is thoroughly cleaned, the body can heal its self. Laser periodontal therapy kills bacteria in the mouth, minimizes discomfort, eliminates bleeding, controls swelling, requires a shorter time in the chair, is less invasive and has faster healing times than conventional scalpel surgery. The laser allows for no scalpels, no sutures and no post-surgical packing materials. LANAP allows the body to do more than just repair the damages resulting from periodontal disease. LANAP allows healing with regeneration of the root surface, connective tissue and bone. Regeneration has always been the sought after goal in periodontal therapy.

The laser's use in periodontal treatment allows for end results comparable to the best traditional and conventional therapies. Successful results in dentistry are possible using different methods. Laser periodontal surgery is just one of these.

The laser's use in dentistry will continue to increase as dentists strive to provide better patient care. Patients will be able to take advantage of this more friendly treatment procedure from this exciting developing laser technology.

For more information on Lasers in Dentistry check the website: www.Cranska.com.

Jeffrey P. Cranska D.D.S.
Family and Laser Dentistry
877 Baltimore-Annapolis Blvd. Severna Park, MD 21146
(410) 975-9331 (410) 974-1164
Fax: (410) 975-9331
Email DrJeffreyP@aol.com