

WHAT IS LANAP?

Laser Assisted New Attachment Procedure (LANAP) is an FDA approved patented protocol for the treatment of gum disease. LANAP is an effective, proven treatment of periodontitis through regeneration rather than resection (surgery).

HOW DOES LANAP WORK?

A laser fiber probe about the width of two human hairs is gently in-serted between your tooth and gum tissue. As the laser light energy is transmitted through the fiber probe harmful bacteria causing gum disease are eliminated. Once the bacteria is selectively removed using the laser light energy, your gum can successfully reattach to your tooth root thereby protecting the bone beneath and permitting the bone to regenerate.

WHAT ARE LANAP BENEFITS?

- No scalpel or stitches
- Less sensitivity than standard perio gum flap surgery
- Gum disease can be stopped
- Results are long lasting

WHAT IS PERIODONTAL DISEASE?

Periodontal disease refers to a number of inflammatory diseases affecting the tissues surrounding and supporting the teeth. Periodontitis involves progressive loss of bone around the teeth, and if left untreated, can lead to the loosening and subsequent loss of teeth. Periodontitis is caused by a convergence of bacteria that adhere to and grow on the tooth's surfaces (forming plaque), along with an overly aggressive immune response against these bacteria. The plaque eventually hardens forming tartar. These tartar deposits harbor bacteria that can infect the gums. In the early stages this is called Gingivitis which left untreated can progress to periodontitis. Although the different forms of periodontitis are all caused by bacterial infections, a variety of factors affect the severity of the disease. Important "risk factors" include smoking, poorly controlled diabetes, and inherited (genetic) susceptibility.

LANAP TREATMENT STEPS

- ① Laser light energy removes bacteria and diseased tissue.
- ② An ultrasonic scaler and special hand instruments are used to remove root surface tartar.
- ③ Laser light energy finishes cleaning the pocket and aids in sealing the pocket so new germs cannot enter
- ④ Healing of gums and reattachment to a clean root surface occurs.
- ⑤ Bite trauma is adjusted.
- ⑥ Complete healing occurs.

WHY LANAP VS. SCALPEL?

LANAP is a minimally invasive procedure that greatly improves on traditional gum flap surgery. Using LANAP to control periodontal disease makes it possible to save and restore teeth otherwise hopelessly involved in the periodontitis disease process. LANAP address infectious disease pattern more effectively than the surgical scalpel because the scalpel does not kill bacteria. The LANAP laser, however, targets and kills the harmful bacteria. In addition to cleaning the infected pocket, the LANAP laser initiates mature fibrin clotting which seals the laser incision at the surface, and eliminates surgical bleeding while providing a natural bandage. LANAP removes only the diseased tissue without removing healthy tissue, maintains the appropriate height of the healthy tissue around teeth, minimizes pain and discomfort, and closes the periodontal pocket