

What is periodontitis?

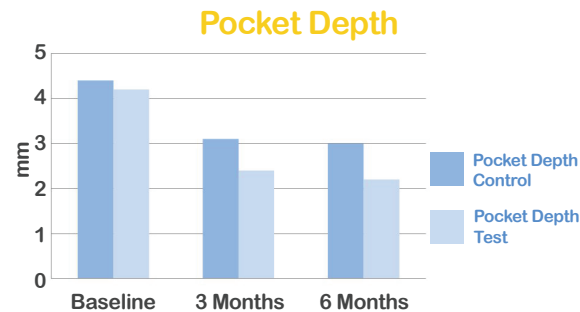
- inflammation of the supporting tissues of the teeth with connective tissue and bone loss with the formation of the periodontal pocket
- caused by plaque and gram negative bacteria build up in gums
- it is painless and irreversible leading to significant bone loss as well as teeth

Why do some people get it and not others? It has to do with each person's response to bacteria in their mouths. Factors including hormonal changes, smoking, diabetes, medication, cancer or AIDS, and poor dental hygiene can put a person at greater risk.

BEFORE

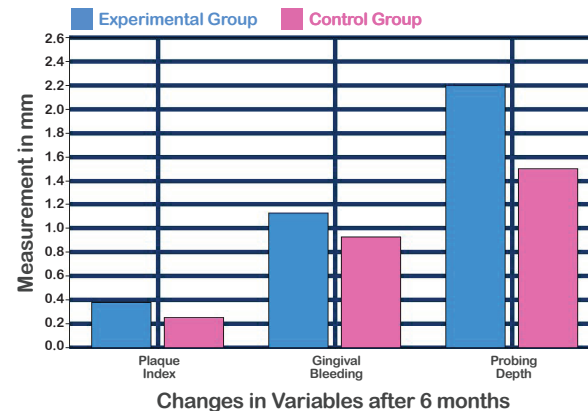


In clinical studies people who have chronic gum disease were prescribed 900mg of omega-3 with wheat germ and 89mg of aspirin per day. After 6 months they saw a 25% decrease in the clinical signs of inflammation. There was also a clear decrease in periodontal pocket depths and an increase of clinical attachment.



Host Modular Therapy is a new way of treating gum disease. The “host,” being the person who has adverse response to oral bacteria, is treated with anti-inflammatory drugs to increase their own bodies defenses.

Perio Surgery and Omega-3



After periodontal surgery with a bone graft, patients were given 1g of omega-3 and 75mg of aspirin per day, with a control group given a placebo pill. Subjects who were given the omega-3 had probing depths decrease by 2.2mm where the placebo had only decreased by 1.5mm after six months.

OMEGA-3

- Omega-3 is a polyunsaturated fatty acid, which is essential to our bodies but we cannot produce.
- it signals an anti-inflammatory response by changing cellular protein function
- it is best derived from intake of certain fish as well as oral supplements.
- omega-3 is easily attainable at a low cost
- it is well tolerated and has been a therapeutic aide for rheumatoid arthritis, asthma, and cancer to name a few

AFTER

