

Firm Foundations, New Beginnings

CAPE FEAR PERIODONTICS AND DENTAL IMPLANTS

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The Dentist's Dispatch

Headline: **The Dental Implant Center** (NEW!)

We are pleased to announce the addition of the Implant Center by Acteon. This new technology allows Dr. Gould to use piezo-electric instrumentation, in addition to the contemporary implant handpiece, to permit more precise implant placement in difficult anatomic situations. It is also the safest and most ideal bone grafting instrument ever devised as it can only cut hard tissue, and will not damage the sinus membrane or nerves.

Piezo-electric technology is essentially a hard tissue cutting instrument that allows us the ability to place implants in sites which were previously deemed not to "have enough bone". Dr. Gould has successfully used piezo-electric instrumentation in practice for over three years and is excited to offer the expanded implant capabilities that accompany the technology to your patients.



The following are some examples in which the Implant Center can improve outcomes for your patients: 1) **Enhanced extraction and immediate implant placement** capabilities allowing precise preparation in difficult molar and premolar sites. 2) **Mandibular ridge expansion** to permit implant placement in very thin ridges. 3) **Enhanced osteotome and conventional sinus elevation** capabilities. 4) **Enhanced block bone grafting** capabilities including increased safety and decreased discomfort. 5) **Safest and most precise** implant preparation possible.

The Team Times

Hope is on the horizon! A pilot study published last month showed promising results for the use of tissue engineered gingival grafts to replace free gingival grafts. What does this all mean for the future? Possibly the end of grafts from the roof of the mouth!

The tissue, known as bi-layered cell therapy (BCT), is grown in the laboratory, stored in the refrigerator, and used as a substitute for palatal tissue. The results indicate that BCT is capable of safely generating keratinized gingiva with better color and texture match when compared to a free gingival graft. Larger scale studies are underway to examine the products full potential and its predictability in practice.

Until such time as bi-layered cell therapy is available for clinical use the safest and most predictable alternative is **Alloderm**. For examples of **Alloderm grafting by Dr. Gould**, please visit the **website** and view the "Gum Grafting" section under 'Periodontal Services'.

M. SCOTT GOULD, DDS, MS,

DIPLOMATE OF THE AMERICAN
BOARD OF PERIODONTOLOGY

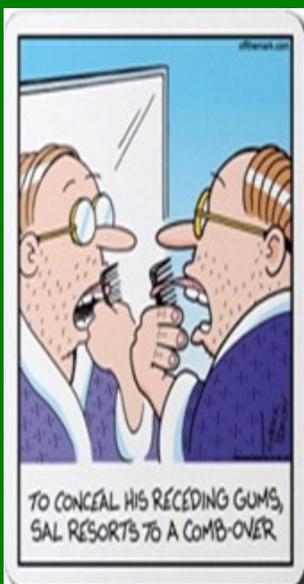
7010 MARKET STREET

WILMINGTON, NC 24811

O (910) 686-4644

F (910) 686-4340

office@capefearperio.com



Active Member
American Academy of Periodontology

www.capefearperio.com