



CHARLOTTEPERIO

Periodontics & Dental Implants

RECLAIMING SMILES, RESTORING CONFIDENCE

Dedicated to the advancement of
patient care through our pursuit of education,
periodontal and implant technology,
and clinical research.

est. 1973



CharlottePerio has served the Charlotte region since 1973, providing specialized diagnosis and treatment for patients with periodontal disease. As periodontists, our doctors completed three years of additional training beyond dental school, and all are certified by the American Board of Periodontology. They use the latest periodontal techniques and cosmetic periodontal procedures. Our goal at **CharlottePerio** is to prevent tooth loss in our patients whenever possible. When it is necessary to extract a tooth, or teeth are lost in an accident, our job is to provide the best tooth replacement option for each patient. We work as a team with each patient's restorative dentist to develop a comprehensive treatment plan.

OUR TREATMENT OPTIONS INCLUDE:

- Dental Implants
- Soft Tissue (Gum) Grafts
- Laser Periodontal Therapy
- Periodontal Pocket Reduction Surgery
- Non-Surgical Periodontal Treatment
- Crown Lengthening
- Bone Graft Surgery



RECLAIMING SMILES, RESTORING CONFIDENCE



REBUILDING YOUR DENTAL HEALTH

A thorough examination and medical history are necessary to discover the extent of bone and gum loss, and determine the best course of treatment. Risk factors, such as the age of the patient as well as whether the patient is a smoker or has diabetes, are also considered. For some patients, it may be possible to remove infected tissue and treat the infections around their teeth. For others, it may not be possible to save teeth, but their dental health and smiles can be restored with dental implants.



DENTAL IMPLANTS

Confidence in your smile is vital to a healthy self-image. Perhaps you are hiding your smile because you are missing a tooth or several teeth. You may have trouble chewing or find dentures a constant worry. Dental implants solve these problems and restore comfort and self-assurance. Please refer to our Dental Implant insert in this brochure for more information.

VISIT CHARLOTTEPERIO.COM OR CALL
704-365-0123 TO LEARN MORE.

OUR DOCTORS

The periodontists of **CharlottePerio** have built an outstanding reputation among their patients and in the dental community. Each is board-certified by the American Board of Periodontology and involved in local and national periodontal professional organizations.



PAUL N. TOLMIE, DDS

EDUCATION:

Periodontics
Boston University School of Graduate
Dentistry, CAGS Periodontics
Doctor of Dental Medicine
Emory University School of Dentistry
Undergraduate Degree
University of Richmond

HONORS AND DISTINCTIONS:

Charlotte's Best Dentists 2007-Present
Diplomate, American Board of
Periodontology
Fellow, International College of Dentists
Fellow, American College of Dentists
Past President, North Carolina Society of
Periodontists
Past President, Charlotte Dental Society
Past Chair, Charlotte Dental Society Peer
Review

ACADEMIC APPOINTMENTS:

Adjunct Professor, University of North
Carolina at Chapel Hill School of
Dentistry
Attending Faculty, Carolinas Medical
Center, General Practice Residency,
Visiting Faculty, Central Piedmont
Community College,
Department of Dental Hygiene



**KENNETH T. CORSIG,
DMD, MHS**

EDUCATION:

Periodontics
Medical University of South Carolina
Advanced Education in General Dentistry
Medical University of South Carolina
Doctor of Dental Medicine
Medical University of South Carolina
Undergraduate Degree
Georgetown University

HONORS AND DISTINCTIONS:

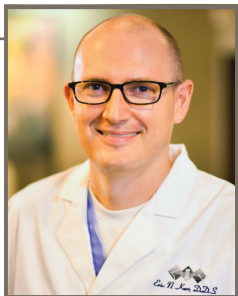
Charlotte's Best Dentists 2007-Present
Diplomate, American Board of
Periodontology
Outstanding Resident Award in Periodontics,
Medical University of South Carolina
Past President, Charlotte Dental Society
Omicron Kappa Upsilon
National Dental Honor Society,
Medical University of South Carolina

ACADEMIC APPOINTMENTS:

Attending Faculty
Carolinas Medical Center,
General Practice Residency
Visiting Faculty
Central Piedmont
Community College,
Department of Dental Hygiene

OUR DOCTORS

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ERIC N. KERR, DDS, MS
EDUCATION:

Periodontics
University of Texas Health
Science Center at San Antonio
Doctor of Dental Surgery
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Undergraduate Degree
Brigham Young University

HONORS AND DISTINCTIONS:

Charlotte's Best Dentists 2008-Present
Diplomate, American Board of
Periodontology
Past President, Charlotte Dental Society
Member, AAP Task Force for Outreach
Kramer Scholar Award for Excellence,
American Academy of Periodontology
John F. Prichard Graduate Research
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Omicron Kappa Upsilon, National
Dental Honor Society

ACADEMIC APPOINTMENTS:

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Piedmont Community College,
Department of Dental Hygiene



**CALEB L. CORWIN,
DDS, MS**
EDUCATION:

Periodontics
University of North Carolina
at Chapel Hill School of Dentistry
Doctor of Dental Surgery
University of North Carolina
at Chapel Hill School of Dentistry
Undergraduate Degree
University of North Carolina at
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HONORS AND DISTINCTIONS:

Diplomate, American Board of
Periodontology
Ann and G. Babcock Fellowship, Dental
Foundation of North Carolina
American Academy of Periodontology
Dental Student Award

ACADEMIC APPOINTMENTS:

Adjunct Professor
University of North Carolina
at Chapel Hill School of Dentistry

DENTAL IMPLANTS

Dental implants are a long-lasting solution for tooth loss and can help patients keep a confident smile and maintain dental health. Dental implants are actually metal posts that are placed in bone to replace a single tooth or multiple teeth, or to stabilize a denture. Once the implant process is complete and a prosthetic tooth is in place, dental implants are designed to look and feel like your natural teeth.

WHY CHOOSE DENTAL IMPLANTS?

When a tooth is removed or is lost, bone that previously surrounded the tooth begins to quickly reshape during healing. This results in a horizontal and vertical “dip” in the bone that can change the shape of the person’s face. Lips and cheeks collapse inward and the chin protrudes outward, leading to premature aging in the face.



Dental implants stabilize the bone and prevent bone loss. The bone bonds to the implant, creating a strong foundation to support tooth replacement options. Implant healing and treatment time can take from six weeks to six months, based on the individual patient. During healing, temporary crowns cover each implant. Once healing is complete, patients return to their general dentists who then prepare the permanent prosthetic teeth that are placed on the implants.

DENTAL IMPLANTS VS. DENTURES AND BRIDGES

Common options for tooth replacement are removable dentures and fixed bridges. Neither of these approaches preserves the bone, which will otherwise deteriorate and reshape a person’s face.

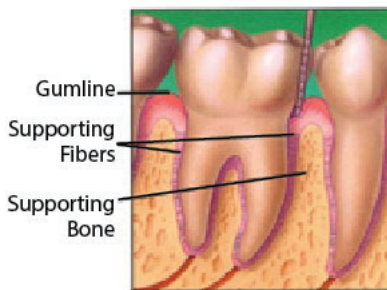
PERIODONTAL THERAPY

THE TREATMENT OF GUM DISEASE

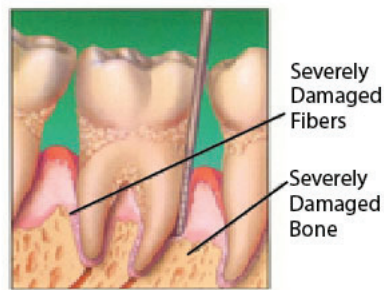
Periodontal disease is caused by infections of the gum tissue in the mouth. These infections are the result of bacteria in dental plaque. In the early stages of periodontal disease (gingivitis), gum tissues may appear swollen and may also bleed. At this stage, the disease process is reversible, but if not treated the condition can worsen, resulting in periodontitis. Periodontitis can cause permanent damage to gums and the bone supporting teeth. If left untreated, periodontitis can result in tooth loss. There is also evidence linking periodontitis and other health concerns such as cardiovascular disease.

The severity of periodontal disease is determined using dental x-rays and by measuring pocket depths. Diseased gum tissue can pull away from teeth and form “pockets” that provide a trap for plaque and bacteria.

Once the extent of the disease process is assessed, there are several options available for treating periodontal disease: Non-Surgical Periodontal Treatment (Scaling and Root Planing), Periodontal Pocket Reduction Surgery, and Laser Periodontal Therapy.



HEALTHY GUMS



ADVANCED
PERIODONTITIS

PERIODONTAL THERAPY

continued

NON-SURGICAL PERIODONTAL TREATMENT

Scaling and Root Planing is usually performed by a dental hygienist. Plaque and bacteria are removed from the tooth surfaces under the gums to stop the damaging action that leads to periodontal pocketing and ultimately to tooth loss.

PERIODONTAL POCKET REDUCTION SURGERY

More advanced periodontal disease requires surgical intervention in order to remove the disease-causing bacteria. Once the diseased site is exposed by reflecting the gum tissue, it is thoroughly cleaned and the bony surfaces smoothed to reduce the areas that were trapping plaque and bacteria. Sutures close the surgical site and allow for healing.



LASER PERIODONTAL THERAPY

Laser technology offers an alternative to traditional Periodontal Pocket Reduction Surgery for some patients. Your periodontist will determine which treatment is best for you.

In Laser Periodontal Therapy, a laser is used to provide access to the pocket area and then ultrasonic and hand instruments are incorporated to treat the root surfaces. The laser is then used again to complete the debridement process and create blood clotting, which fosters an environment that promotes healing. Incisions and sutures are not required with laser therapy.

DENTAL IMPLANTS

EFFECTS OF REMOVABLE DENTURES

continued

- Can be uncomfortable and painful
- Require adhesive as they become loose due to bone deterioration
- Prevent patients from eating certain foods (steak, apples, corn on the cob, etc.)
- Do not look natural
- Often lead to bad breath
- Affect a person's confidence

EFFECTS OF A TOOTH-SUPPORTED FIXED BRIDGE

- Healthy adjacent teeth have to be ground down to support the cemented bridge, leading to eventual bone deterioration.
- Gums can recede, exposing the metal base or collar of the bridge.
- Cement holding the bridge in place can wash out, allowing bacteria to decay the teeth that anchor the bridge.

Implants make it possible to replace a single tooth or multiple teeth without sacrificing the health of neighboring teeth. They also look better and are easier to keep clean than a bridge.



Fixed bridges require crowns on adjacent teeth.

BENEFITS OF DENTAL IMPLANTS

- More comfortable and stable than dentures
- Natural biting and chewing are restored
- Stops bone deterioration, preventing premature aging
- No impact on adjacent teeth (unlike a bridge)
- Never decay or require a root canal
- The body will not reject a dental implant
- Scientifically proven, long-term success for people of all ages



Dental implants provide stability

COSMETIC PERIODONTAL PROCEDURES

SOFT TISSUE (GUM) GRAFT

Receding gums and exposed tooth roots can radically affect the appearance of a person's smile. Exposed roots can also be very sensitive to hot or cold foods and liquids. **CharlottePerio** offers a soft tissue (gum) graft procedure to repair the defect and thus help prevent additional bone loss and stop the gums from receding further.

Gum grafts can be used to cover roots or develop gum tissue. During this procedure, your periodontist takes gum tissue from your palate or another donor source to cover the exposed root. This can be done for one tooth or several teeth to even your gum line and reduce sensitivity.

BEFORE Gum Graft



AFTER Gum Graft



GINGIVAL (GUM) RECONTOURING

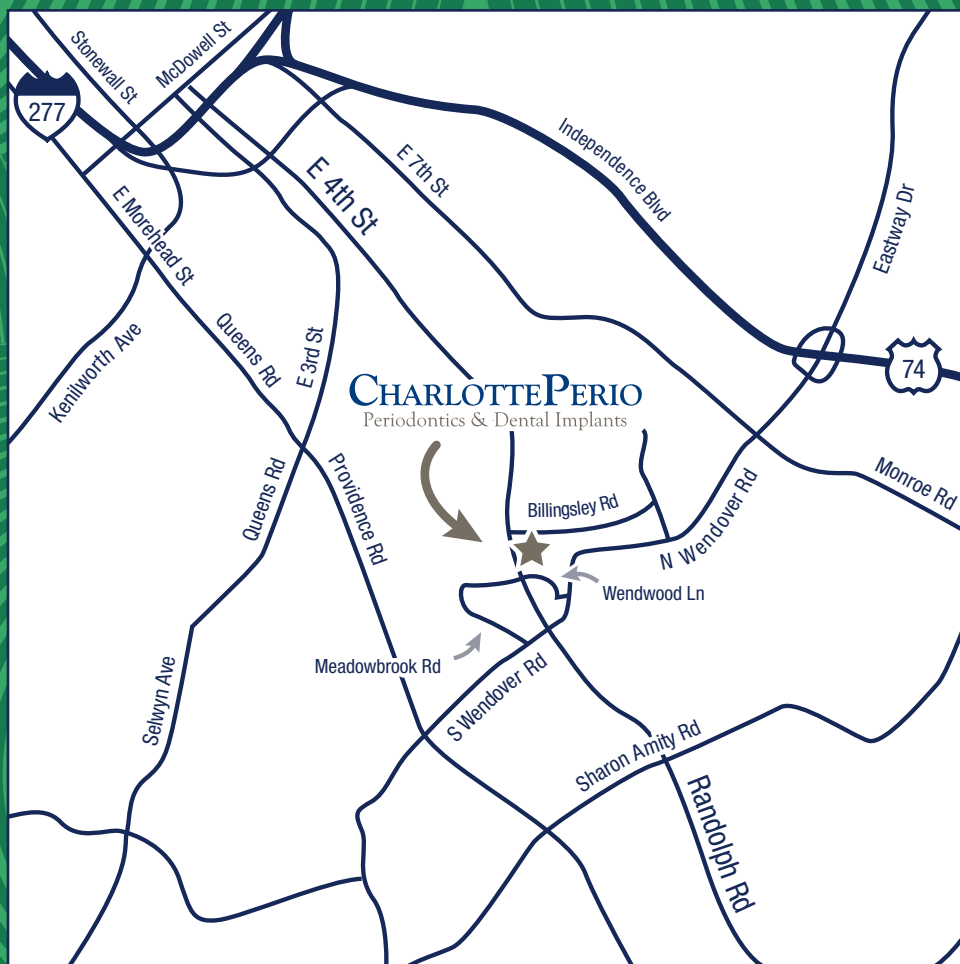
Gum recontouring is performed to treat a “gummy” smile. Remodeling or contouring of the gums and surrounding bone is carried out to reveal the additional healthy tooth surface that was covered by excess gum tissue. Gum recontouring also corrects an “uneven” smile. The gum line is adjusted to create smile symmetry and a more pleasing appearance. This procedure can be performed on a single tooth or multiple teeth.

SMILING IS AN ESSENTIAL PART OF
LIFE, BUT FOR THOSE WHO SUFFER
FROM PERIODONTAL DISEASE AND
TOOTH LOSS, SMILES ARE A SOURCE OF
EMBARRASSMENT INSTEAD OF JOY.

AT *CHARLOTTEPERIO*, WE HELP
PATIENTS RECLAIM THEIR SMILES AND
RETURN TO BEING THEMSELVES.

Visit CharlottePerio.com or call
704-365-0123 to learn more.





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