



MICHAEL, *actual patient*

Instead of waiting for oral problems to affect your health, we choose to see the larger picture by restoring and then maintaining your optimal oral health. We will provide you with a thorough and honest evaluation of your overall oral health, ensuring that you make an educated decision about your care.

Your mouth affects your whole body. Conversely, your body can affect the health of your mouth. Poor health or imbalance in one area will eventually and invariably show up as illness in related areas of the body.

We also recognize that the dental materials and procedures utilized to treat the teeth and jaws intimately affect your immune system and health. We offer dentistry that has the least disturbance to your immune system and your overall body balance.

We don't believe in suppressing symptoms. Rather we focus on the root cause, always opting for the least invasive methods for diagnosis and treatment. We always use healthy, biocompatible materials that make you feel and look your best.

Our personalized care treats not only the symptom that may have brought you into our office but also, more importantly, the cause of the problem. True healing and health involves the whole being: body, mind and spirit.

## Full Mouth Rejuvenation

It sounds just as wonderful as it is: A complete restoration, rejuvenation and rehabilitation of your mouth. And in the end, you have a beautiful smile, a healthy bite and a renewed feeling of confidence.

If your teeth appear short and worn from age or neglect, or completely overlap your bottom teeth, or if you experience pain in the jaw joint, headaches, back pain, muscle tenderness or clicking or popping of the jaw, then you should consider full mouth rejuvenation.

When complete, you can expect to have a pain-free, healthy bite. If your bite had caused problematic symptoms, such as headaches or facial pain, you can expect a significant alleviation or complete cessation of the pain. The shape of your face may change as well, becoming more slender and defined, and your features may be more accentuated than before.

## Prosthodontics

When a tooth is lost, it changes the bite, causing excess stress to be placed on the remaining healthy teeth. This stress causes those teeth to wear unevenly and can even cause jaw-related pain. What's more, missing teeth can also change your facial appearance, resulting in a loss of confidence and embarrassment.

Prosthodontics is the area of dentistry that focuses on restoring and replacing teeth, returning your smile to an attractive appearance and your bite to optimal function. We offer a full range of attractive, comfortable tooth replacement options including comfortable dentures, beautiful bridges, naturally biocompatible crowns and implant restoration.



A beautiful smile is waiting for you right here in the capable hands of Dr. Mary Isaacs and Dr. Pearl Burns. And because health and beauty go hand-in-hand, our approach to aesthetic dentistry offers both a confidence-building, great smile and an-easy-to-live-with, comfortable mouth.

## Smile Makeovers

You see them everywhere: White, straight perfect smiles. Smiles that radiate health and brighten a room. Now you can have one of those smiles too.

If you hesitate to smile, you may be a perfect candidate for a Smile Makeover. A makeover transforms your smile. And with Artisan Dental, you can get the custom designed smile you deserve.

Crooked, overlapped teeth can be straightened without the discomfort, time or unattractive appearance of metal braces. Gaps between teeth can be closed. Chipped, worn or broken teeth can be repaired. Tooth size, shape, color, length and width can be changed. Missing teeth can be replaced. Stained, discolored teeth can be whitened. Unattractive, failing silver-mercury fillings can be replaced with strong, safe, attractive tooth-colored

restorations. Gums can be "recontoured" to reduce the appearance of a "gummy" smile. And if a makeover does all this for your smile, just imagine what it can do for your confidence.

## Invisalign®

Invisalign is the invisible way to straighten your teeth without braces. If you are a candidate, our team will use 3-D computer technology to create customized aligners that you can remove to eat, drink, brush and floss. As you replace each aligner with the next in the series, your teeth will gradually move until they move into the final alignment as prescribed. Once the treatment is finished you'll be smiling with confidence!

## Smile Whitening

Don't let a discolored smile hold you back. Find renewed confidence and brilliance with our scientifically advanced in office whitening systems. We use both Zoom!®, and Sapphire® so we can meet your particular whitening needs. Safe, effective and very fast, in-office whitening can make a dramatic difference. In just over an hour, your teeth will become dramatically brighter. We also offer take home trays for convenient whitening anywhere, anytime.

## Porcelain Veneers

Porcelain veneers cannot only improve the look of your teeth, they can help align your bite, strengthen chipped or cracking teeth and bring lasting radiance to your smile. Often used as part of a smile makeover, or in conjunction with balancing the bite, veneers require minimal tooth reduction and are a more conservative approach to restoring a tooth than a crown or bridge.

The doctors at Artisan Dental have extensive training and experience to beautifully alter and perfect the position, shape, size and color of your smile, all with the versatility of porcelain veneers.

We can't emphasize it enough – oral health is vitally connected to whole health. Because your health is important to us, we have every new patient and continuing care patient schedule an appointment for a thorough evaluation with our hygienist. Why? Healthy gums are the foundation of a healthy mouth. And while you may think of hygiene visits as just a regular cleaning and exam, we see them as opportunities to stop periodontal problems in their tracks. Startling research has shown that gum disease can lead to heart attacks, even in healthy, young people!

## The Importance of Healthy Gums

The bacteria that causes periodontal disease also has been linked to serious health problems such as cancers, heart diseases, strokes, poor circulation, problems with diabetes and premature or low birth weight babies.

In addition, more people lose teeth from periodontal disease than cavities. Without your gums to hold your teeth in place, your smile would be nonexistent. Healthy gums are the first step to complete oral health. Taking care of periodontal problems is how we begin dental treatment with our new patients.

More than 85 percent of people have some level of periodontal or gum disease. Often, it is misdiagnosed or simply ignored. We use advanced training and technology to diagnose and treat periodontal disease before it becomes a major threat to your health.

## Symptoms of Periodontal Disease

There often are no symptoms. Gums can recede, leaving teeth vulnerable to decay, abscesses and tooth loss – all without any bleeding or tenderness. But many people have at least minor symptoms, which can include the following:

- Bleeding when brushing or flossing
- Puffiness or tenderness of the gums
- Halitosis (bad breath)
- Loose feeling or drifting of teeth

## Advanced Treatment Methods

A variety of new technologies, such as ultrasonic scalers, make the treatment of this disease more thorough and comfortable than ever before. Periodontal disease presents itself with a build-up of bacteria in the pockets in your mouth, plaque and tartar. One of the first steps in cleaning and healing your gums is to remove the buildup with our ultrasonic scaler. The scaler has a very small tip that produces a soft ultrasonic vibration. These ultrasonic vibrations are combined with a gentle jet of water to provide us with an innovative, comfortable and ultra-effective method of removing calculus and reducing the number of harmful bacteria below the gum line. We can also apply antibiotics directly to gums to help kill bacteria that cause the disease and perform non-surgical root planing and deep cleaning.

If advanced periodontal disease is present, don't worry. With our new periodontal treatment, the Laser Assisted New Attachment Procedure (LANAP), you won't have to undergo scalpel and suture gum surgery. The LANAP is an amazing breakthrough in periodontal treatments. This therapy is so much less invasive and traumatic and often, patients can return to work immediately after the procedure. A tiny laser fiber is inserted between the tooth and the gum, and the infection is cleared away. Studies have shown that is effective in removing diseased tissue and forming new soft tissue attachment and bone regeneration without cutting or sewing.

In short, this disease is treatable, even at an advanced stage, to help you keep your teeth and improve your health.

Chronic headaches and upper body pain are some of the most common problems we see in our practice, and in our years treating disease of the stomatognathic system, we have found that this type of upper body pain is frequently linked to bite problems, such as temporomandibular joint disease (also known as TMD or TMJ).

If you struggle with upper body pain, you are not alone. TMJ Syndrome affects millions of people. It is a chronic degenerative disease that may take years to develop. Occlusion is affected by a triad of factors — the teeth, the muscles and the temporomandibular joints. Those who suffer from TMJ Syndrome have a structural imbalance in their jaw-to-skull relationship, caused by a bad bite, trauma or degenerative joint disease. TMJ Syndrome is often misdiagnosed and can lead to frustration and overuse of painkillers. We'd like to help you find freedom.

The stomatognathic system is comprised of the jaw joints, muscles in the face, and the teeth. The proper position will be established to eliminate pain and restore function. Occlusal bite guard therapy is just the beginning of the freedom from pain.

We have the latest diagnostic tools and equipment especially designed to evaluate and measure malocclusion. A number of major diagnostic and treatment advancements have emerged – including Doppler diagnostics for TMJ, joint vibration analysis to measure joint friction and exciting new insights into degenerative joint disease.

## Sleep Apnea

Another exceptional way we help our patients feel better and regain whole health is through our unique sleep apnea and snoring treatment. Sleep disturbed breathing, like snoring and obstructive sleep apnea has been associated, not only with dangerous daytime sleepiness, but also with hypertension, cardiac failure, diabetes and stroke.

But many people don't even realize that they have a sleep disturbance. If you experience daytime sleepiness, chronic fatigue, morning headache, irritability, impaired memory and judgment and mood disturbance, we may be able to help. We have advanced training to recognize and diagnose various sleep problems associated with oral misalignment or nose and mouth structure. We start with joint analysis. Then we send you home with our Emblatta®X100 portable sleep diagnostic system, to screen for sleep apnea in the comfort of your own home. This device is capable of monitoring up to 12 channels of data including EEG with precision and accuracy.

We have also acquired the revolutionary Eccovision® Acoustic Pharyngometer and Rhinometer.

The Eccovision® Acoustic Pharyngometer allows us to quickly and easily measure the size and stability of your airway using acoustic reflection technology, similar to a ship's sonar.

The Eccovision® Acoustic Rhinometer gathers information about your nasal passages, another factor in determining Obstructive Sleep Apnea. This device also uses acoustic reflection. Both tests are noninvasive and completed in minutes.

If we do discover that you have disruptive snoring or sleep apnea, we will work closely with your physician to refer you to a sleep lab to perform a polysomnogram for a more definitive diagnosis. A CPAP machine is always the best treatment, but for the non-CPAP compliant patients, we can prescribe oral appliance therapy to gently keep your jaw in an ideal, forward position. The tightening created by the device also prevents the tissues of the upper airway from vibrating as air passes over them – the most common cause of loud snoring. You'll sleep better and wake up feeling refreshed!

# OUR AMAZING TECHNOLOGY

Using the latest advancements in dental technology, we provide patients with safer, faster and less intrusive treatment options.

## Intra-Oral Cameras

Intra-oral cameras have greatly improved the way we examine our patients' teeth. Using a pen-sized camera, we take video of your teeth and project the live image onto a television screen in the treatment room. This image is magnified, allowing us to better see and detect any decay, cracked or leaking fillings or other problems. This technology helps us diagnose and treat problems earlier than was ever before possible.

## The Wand Anesthesia System

This computer-controlled delivery of local anesthesia is virtually pain free. Instead of metal syringes, a plastic wand holds the tip and a piston slowly delivers the anesthesia to the site. The new STA (single tooth anesthesia) system can anesthetize one tooth in the arch so there is no tongue or lip numbness.

## DIAGNOdent® Laser

The DIAGNOdent laser is used as a detecting device. The advanced laser can detect decay earlier than more conventional methods, such as radiography. In fact, it can find 50 percent of the decay that goes undetected by radiography without exposing you to radiation.

## Digital Photography

When you are undergoing treatment, we know how important it is to see where you have been and visualize where you are going. That is why we only use high-end,

digital SLR photography equipment. Before, during, and after photos, shot in the highest quality digital photographs available today allow us to see accurately with no distortion or pixilation. We think it is one of our best diagnostic and educational tools.

## Digital Radiography (coming soon)

Digital x-rays benefit both the dentist and patient. Most importantly, digital x-rays significantly decrease the exposure time to radiation. With a digital x-ray, we take a picture of your teeth, and then almost immediately see it on a computer monitor. This large, color-enhanced image lets us get a better picture of your oral health, allowing for earlier treatment. This process is also better for the environment, as it doesn't use photo chemicals and traditional film, thus eliminating waste.

## PerioLase

The PerioLase is used to perform our Laser Assisted New Attachment Procedure (LANAP) so you won't have to undergo scalpel and suture gum surgery. This tiny laser fiber removes diseased and dead tissue between the tooth and the gum for patients with moderate to advanced periodontal disease. Used in place of a scalpel, this therapy provides a minimally invasive alternative to traditional periodontal flap surgery and often patients can return to work immediately after the procedure. Studies have shown that it is effective in removing diseased tissue and forming new soft tissue attachment and bone regeneration. This procedure is performed by the doctor in conjunction with antibiotics, root planing and scaling, and requires no cutting or sewing.

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## VIP Amenities

As part of our dedication to your comfort and relaxation, we have created an office that is as inviting as it is advanced. Our touch is gentle, our care compassionate and our office amenities pampering, entertaining and cozy. We think that every member of your family will enjoy visits with us.

## CAESY Educational System

We believe that knowledge is power and that you deserve to have access to information that can affect your dental health. To help you make the best-informed decisions about your care, we offer our patients the benefits of the CAESY Educational System. The CAESY system is a software program that clearly explains diagnoses, procedures, alternatives and post-operative instructions in patient-friendly terms. Remember, even with the assistance of the CAESY system, we always welcome any questions you have regarding your care.

## Nitrous Oxide Sedation

This method of conscious sedation is available for our patients that have a higher anxiety and want to feel more relaxed during dental care. You are placed on oxygen for 10 minutes before leaving the office, feeling fine, and with no need to have another person drive you home.

## Smile Channel

While you're relaxing in our reception area, we invite you to enjoy the Smile Channel! The Smile Channel is an entertaining and educational program that is full of useful information about good dental health habits

and a variety of dental procedures. It also shows you some amazing things that can be achieved with dentistry. So sit back, relax and enjoy.

Does music soothe you when you're stressed? Many of our guests believe it does. That's why we offer the DMX music system or iPods with a wide variety of music for every taste or age group, and noise canceling headphones. Sometimes, our guests find our office climate is a little chilly or their head and neck need a little more support in our chairs. To put you at ease, blankets and neck pillows help you leave all your worries and stresses behind. When your appointment ends, refresh yourself with a hot towel and lip balm so you can leave our office feeling great.

## Fees and Insurance

We think you deserve the best. However, many insurance companies will authorize only the most rudimentary treatments – treatments that may not be the best for your health or the way you want to look. We want all our guests to experience the kind of dentistry that we, ourselves, demand, not limited by an insurance company. Of course, we want you to receive the maximum benefits from your insurance and will file any insurance claims for you. We also offer several payment methods to make sure that your dentistry is affordable: You may conveniently pay with your credit card, with Care Credit, or we can help you find a third party financing service. If you have any questions about your payment options, feel free to give us a call.



Dr. Isaacs graduated from the University of Florida College of Dentistry with Honors and completed a one year Advanced Education in General Dentistry program at the University of Missouri in Kansas City.

Dr. Isaacs has been involved in dentistry for over 20 years and has received numerous awards including the Academy of General Dentistry Achievement Award, The Quintessence Award for Clinical Achievement in Restorative Dentistry, The American Society of Dentistry for Children Merit Award, The American Association of Women Dentists Certificate of Recognition for Outstanding Leadership and Academic Excellence, and induction into Omicron Kappa Upsilon Honorary Dental Society.

She is a member of the American Dental Association, the Florida Dental Association, Central Florida Dental Association, The Greater Orlando Dental Society, the Academy of General Dentistry, Florida Academy of Cosmetic Dentistry, American Academy of Dental Sleep Medicine, Seattle Dental Study Club, Central Florida Dental Study Club, Spear Institute Faculty Dental Study Club, and Schuster Center for Professional Development and Performance Coach.

As part of her commitment, she regularly attends continuing education classes. This involves extensive training in cosmetic and restorative dentistry, including restoring dental implants. Her training includes ongoing workshops and lectures at The Spear Institute for Advanced Dental Education and the Schuster Center for Professional Development. She believes that to find a naturally beautiful smile, you need to find an experienced dentist who is dedicated to her patients and professional growth. Dr. Isaacs takes great pride in her patients and her passion to make a difference in people's lives.

Dr. Isaacs is currently an Affiliated Clinical Assistant Professor in the Department of Operative Dentistry at the University of Florida and a Spear Education Visiting Faculty Mentor in Seattle Washington and Scottsdale Arizona.

On a personal note, Dr. Isaacs has been married to her soul mate Tony for 25+ years, has two daughters Olivia and Michaela and a West Highland Terrier named "Rosie." Her leisure activity includes spending time with her family, various church activities, Eucharistic Minister to the Sick, studio cycling, photography, yoga, and training and competing in triathlons.



Following graduation from the University of Texas, where she received her DDS degree, Dr. Burns accepted a commission as a Lieutenant in the United States Naval Dental Corps and was assigned to the Naval Training Center in Orlando. While on active duty, she provided dental care to Naval recruits and active duty personnel. Dr. Burns completed

her Naval commitment as a Lieutenant Commander in 1981 and immediately entered private practice in Winter Springs, Florida.

She is a member of the American Dental Association, the Florida Dental Association, Central District Dental Association, and the Greater Orlando Dental Society. Dr. Burns actively participates in the community by volunteering with Harbor House, Orange County Center Against Domestic Violence; and the Winnie Palmer Hospital for Women & Babies. Her most rewarding experience is by providing her dental skills and time to yearly medical mission trips to Nicaragua, Honduras, and the Amazon. Recently she has worked with the Dental Readiness Task Force with ReachOut HealthCare America to support our soldiers.

On a personal note, Dr. Burns lives in Lake Mary. In addition to the health care related volunteer work, Dr. Burns would rather be “under the water than above the water.” She is an avid scuba diver and looks forward to the gratification of underwater photography. Additional hobbies include snow skiing, reading and interior design.