



TITLE



Dr. Carl P Roy, D.D.S., M.S., P.L.C



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Choosing The Right Orthodontist

Welcome to Our Practice,

Hi, I'm Carl Roy. Welcome to Roy Orthodontics and thanks for visiting our practice. I realize that choosing an orthodontist is a difficult decision and there are many factors to consider. My goal in founding Roy Orthodontics 30 years ago was to create a completely unique experience not found anywhere else. We have consistently offered our patients the highest quality, leading edge diagnostic and treatment technologies available in the profession. This means that you or your child will receive a customized plan designed to meet your individual needs and achieve your best result.

I believe that orthodontic treatment can be so much more than just straight teeth; by transforming a smile, we have the ability to enrich our patients' health and well-being for a lifetime. Properly done, orthodontic therapy can improve facial balance, function and stability, the health of the gum and bone, health of the jaw joints and even the airway. All these factors are considered when developing a plan for you. Obviously, all this information can't possibly be evaluated at an initial exam. We take the time to gather and study diagnostic measurements, to ensure the plan developed for you will give you the best results possible.

We have been part of Tidewater for over 30 years providing complete care for our patients. We have a reputation for excellence and have treated many of the fine dentists, their families and staff, and even other orthodontist in the area. We would be honored to have you as part of our family too!



Sincerely,

The Importance Of A Doctor With Knowledge On Your Side

Dr. Roy practiced first as a restorative dentist for 6 years before transitioning into Orthodontics which is a priceless combination that gives him perspectives on your care that helps him give treatment at a very high level. Dr. Roy has lectured at universities around the country including Boston University, Harvard, Arizona School of Dentistry; NOVA Southeastern University, Colorado University and others, and has also lectured internationally in China, South America and Europe on the importance of jaw joint stability. Dr. Roy has served on the faculty of Children's National Medical Center, the Dawson Academy, Roth/Williams Center for Functional Occlusion and the Full FACE course (Functional and Cosmetic Excellence: a post graduate program teaching goals for esthetics, stability and functional occlusion to orthodontists. His passion to give his patients the absolute best is still his number one goal which is why he is still seeks out new techniques like his trips to Italy in 2017-2019 for an expander with shorter treatment time. Dr. Roy has had the honor of successfully treating thousands of patients in the Tidewater Area and his team would love to see you be a part of the family!



Diagnostic Measurements

I am at times asked why I don't give a treatment plan and fee at the new patient exam. The answer is simple: ***It wouldn't be ethical.*** No one would allow a surgeon to schedule a surgery after only an exam and without a diagnosis. Orthodontics is no different, unless you are only interested in teeth straightening.

Here is why a one-stop to braces concerns me for you as the consumer: Orthodontics can impact the health of the bone and gums, health of the jaw joints, stability of the bite, airway, and facial balance as well as a great smile.

The initial exam may be adequate to offer a plan to straighten teeth, but not for addressing the health and stability of the bite. A complete diagnosis requires measurements and an assessment of all the structures your treatment will impact. Our radiographs include 3D images of the jaws, jaw joints and airway. Instead of just using hand held models of the teeth, we place your models on a jaw simulator (called an articulator) which allows us to evaluate the efficiency of your jaw function. With these diagnostic tools we can accurately evaluate the limits of jaw movement, facial symmetry, jaw width discrepancies, adequacy of the fit of teeth as well as possible breathing problems. Studying all these tools allows us to give you the information you need to decide what is best for you.

This evaluation requires time and obviously cannot be accomplished at the new patient exam. We believe strongly that you deserve the benefit of having all information needed to understand your options and how your choices can impact your oral health. In fact, there have been situations when our 3D images have revealed degenerative joint changes, a break-down of the joint which is usually not painful. This breakdown causes the joint to become smaller and bite changes. In these situations, we recommend no treatment to be started until the joints heal, usually about one year. Orthodontic therapy during active degenerative changes may accelerate the joint changes.

Our measurements have also uncovered patients, even children, with narrow airways related to sleep apnea. These patients are immediately referred for evaluation of a sleep specialist.

As you can see, making thorough diagnostic measurements are critical to providing you the absolute best options customized to your individual needs. That is why we strongly believe you deserve an orthodontic evaluation based on a thorough diagnosis and not just a plan to straighten teeth given at the new patient exam. Anything less would be self-serving. Complete diagnostic measurements are the most important and valuable part of your treatment.

We look forward to discussing the findings of your diagnosis and the options to correct your bite. This ensures you have the information you need to make the right decision for you, even if you only want straight teeth.

American Board of Orthodontics Certified



Did you know...Only 1 in 3 Orthodontists is American Board Certified? Dr. Roy has achieved the highest commitment to excellence! Board Certification requires successful completion of a comprehensive written didactic examination and an oral diagnostic clinical assessment. In addition, 6 completed patient treatments must be scrutinized and approved by a peer review panel in order to demonstrate American Board Quality Skill Competency. Furthermore, re-certification every 10 years is also required. To learn more about the American Board of Orthodontics and their requirements please visit their website: <https://www.americanboardortho.com>.



Invisalign



invisalign®

Premier
PREFERRED
PROVIDER

Dr. Roy is a specially trained Invisalign Doctor with exceptional experience and expertise; achieving Premier Preferred Provider status. Invisalign is a way to align and straighten the teeth using a series of clear plastic trays that are worn full time. While Invisalign helps to straighten teeth, it cannot always achieve all of our treatment goals. Therefore, Dr. Roy will determine if you are an ideal candidate for Invisalign or would benefit from other treatment options.

Friendly

Our Smile Team is well known for going out of their way to make you and your family feel right at home. Please check us out on Facebook and Google to read what our fans have to say about why they love Roy Orthodontics.



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Goal-Directed Orthodontics

At our office, orthodontic treatment goes beyond just straightening teeth. We describe our process as [Goal-Directed Orthodontics](#) which comprehensively addresses the following Ten Treatment Goals; Satisfying your Chief Concern, Proper Tooth Alignment (Straight Teeth), Functional Occlusion (Corrected Bite), Health of the Jaw Joints (TMJ Health), Health of Gums and Bones, Airway Health, Ideal Smile and Facial Esthetics, Proper Tooth Form, Pathology Screening and Treatment Stability.

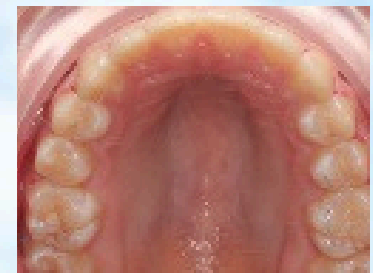
1) Your Chief Concern

Patients pursue orthodontics for a variety of reasons. Our first objective is to learn why you are motivated for treatment and what concerns you may have. We can then customize different treatment options in order to satisfy your goals.



2) Tooth Alignment

Improving tooth alignment or "Straightening the Teeth," involves placing each tooth in its proper position relative to one another. A before and after example is demonstrated on the right. Tooth straightening can be accomplished with either Braces or Invisalign and usually takes approximately 12-18 months.



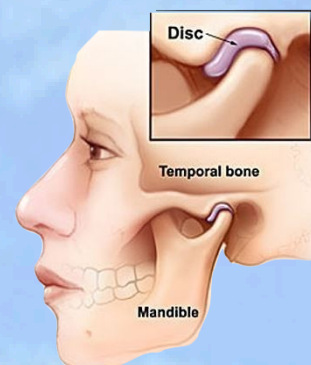
GOAL-DIRECTED ORTHODONTICS

3) Functional Bite



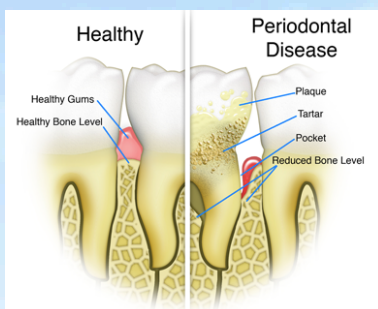
In addition to straightening the teeth, we also aim to "Fix the Bite" by strategically fitting the aligned teeth of each jaw together into a bite that functions properly while chewing and decreases tooth wear.

4) Jaw Joint Health



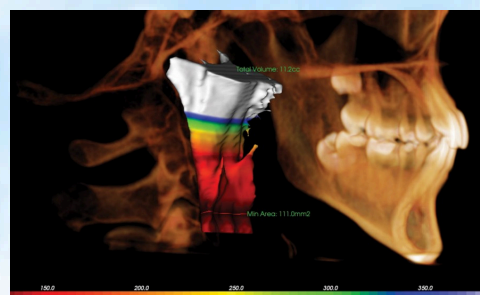
The Temporo-Mandibular Joints (TMJ) seated with their discs in their proper position leads to decreased risk of TMJ pain and symptoms. We obtain these results by correcting bites to a healthy and stable joint position.

5) Periodontal Health



In addition to moving the teeth and roots, we monitor your gum and bone levels prior to, during, and after treatment to ensure healthy teeth and gums over your lifetime.

6) Airway Health



We conduct a Sleep Apnea Risk Assessment and Airway Analysis to determine if orthodontic re-positioning of the maxillary and mandibular jaws may provide increased airway flow and function.

GOAL-DIRECTED ORTHODONTICS

7) Smile and Facial Esthetics



The teeth and jaws are the foundational support for the lips, nose and chin. By placing the teeth and jaws in the correct proportions to one another, we achieve the most esthetic smile and face for each individual patient.

8) Tooth Form



Properly shaped and sized teeth are also needed for the proper bite, periodontal health and esthetics. The quality of your final result is improved by correcting tooth size and shape issues.

9) Pathology Screening



BeamReaders®

Your health is Dr. Roy's. main priority and we monitor any other abnormalities or pathology, requiring additional care, that may be of concern.

10) Stability



By treating the teeth, bite, gums, bones, and joints to their most ideal biologic position, the stability of your final result is built to last!

GOAL-DIRECTED ORTHODONTICS IS DESIGNED TO CREATE THE MOST IDEAL ESTHETICS, HEALTH, STABILITY AND FUNCTION OF THE ENTIRE ORAL SYSTEM THROUGHOUT YOUR LIFETIME !

Outstanding Results



Dr. Roy has received numerous awards throughout his career. Our patients have voted us the Best of Suffolk, Isle of Wight, and Franklin for 2015, 2016, and 2017. In addition, both doctors have received awards voted on by their dental peers such as the 2015 & 2016 Top Dentists in Coastal Virginia Magazine.

Advanced Technology

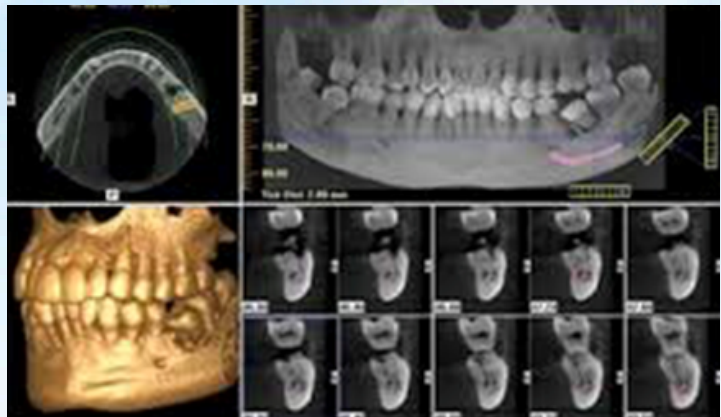
Modern orthodontics has been in existence for over 100 years and, as with all medical specialties, technology is constantly progressing each year. Due to an ever evolving landscape, each practitioner must be prudent to select tested and proven methods combined with the cutting edge of what's new. With this goal in mind, Dr. Roy merges the best of what has worked well over the years with the latest advances in orthodontic care to ensure that your treatment is exceptional.

Articulator and Facebow



To study your bite

Three Dimensional Cone Beam CT Image



To visualize structures not seen on traditional Two Dimensional X-rays