

# HIGH TECH DENTISTRY IN SMALL TOWN PEACE RIVER

Wing Dental  
Peace River, AB

**D**R. WINSTON WING is the proud owner and principal dentist of Wing Dental Center in Peace River. Starting his practice in 1990, he works hard each day to provide a great experience for his clients. To achieve this, Dr. Wing has invested in both an impressive team and staying on the cutting edge of technology.

Dr. Wing's team consists of two dental associates, a visiting dental surgeon who performs in-house IV sedation and wisdom teeth extractions, 12 dental assistants and front end team including three dental hygienists and an in-house dentist. Together, they use the latest technology to care for their patients.

"Over 15 years ago, I saw the direction dentistry was going, and I purchased our first dental cone beam computed tomography (CBCT) x-ray unit," said Dr. Wing.

The CBCT is a special type of x-ray equipment used when regular dental or facial x-rays are insufficient. This technology produces 3D images of a client's teeth, soft tissues, nerve pathways and bone in a single scan.

"I'm a big believer in the power of technology. We use it to improve patient diagnosis and treatment planning," said Dr. Wing. "The technology also helps me explain concepts and details to my patients much more easily."

Dr. Wing utilizes an array of machines and software such as hard tissue and soft tissue lasers, intraoral digital x-rays, intraoral digital cameras, a K7 Kinescograph Computerized Mandibular Scanning system (CMS). His electromyography (EMG) device measures and monitors jaw positioning and muscle activity.

"Over the last few years, we've added an iTero digital intraoral scanner used for digital impressions and Invisalign treatments," said Dr. Wing. "As a high-tech dentist, my iTero digital scanner has been quite revolutionary!"

The iTero takes digital images of a patient's teeth and displays them on a computer screen in realtime.

"Besides being able to perform orthodontic procedures using Invisalign, it allows me to communicate with my patients in a whole new, incredible way," said Dr. Wing.

Wing Dental's latest piece of technology is their Dentsply Sirona Axelos 2D/3D CBCT X-ray.

"We are very fortunate to be the first dental office in western Canada to receive one," said Dr. Wing.

Dr. Wing is also proud to offer treatments in dental sleep medicine and obstructive sleep apnea, and he's able to pair these with modern technology to offer patients a comfortable start to their treatments.

"I screen patients using a small finger ring device, called a VivoScore, which is a comprehensive, home sleep apnea test they're able to take home and sleep with in their own bed," said Dr. Wing.

The VivoScore consists of a single-sensor ring recorder that works with an app and proprietary cloud-based algorithms to evaluate sleep quality and clinically diagnose sleep apnea, a condition Dr. Wing can often help with.

Dr. Wing is happy he's able to provide great care for his patients.

"We used to have to take impressions of teeth by using an 'ooey gooey' material," said Dr. Wing. "Now we just use our iTero or our CEREC Primescan digital scanners. There's no more mess and less trouble for patients who may gag. They're way more comfortable now."

Dr. Wing believes the use of technology has created more comfortable experiences, better communication and understandings between staff and patients, quicker turn around times and overall, a higher quality of work.

"In the ever-advancing and changing field of dentistry, there are always newer ways to deliver dentistry using higher combination technologies," said Dr. Wing.

Dr. Wing and his in-office digital technical specialist/CEREC manager, Shelby Hankins, have worked extensively with these digital dentistry technologies,



**TOP:** Dr. Wing and Shelby Hankins with the DS CEREC Primescan, DS Axelos 3D CBCT & iTero Digital Scanner.

**BOTTOM:** Dr. Wing with the DS CEREC MCXL milling machine.

especially with the 3D CEREC Primescan (CAD/CAM) in-house crown making capabilities. With this technology, Wing Dental is able to digitally scan a patient's tooth, design it with computer software, then mill the patient's crown in the lab in a very short time. Often, the patient's final crown can be delivered the very next day.

"The majority of new dental technology usually comes with a very steep learning curve. A lot of time, dedication and education goes into learning how to integrate different technology into our dental office," said Dr. Wing.

For Dr. Wing, the time and effort are worth it. It's completely changed the way dental procedures are executed.

"It is so much easier to take records now. The patients' own digital dental image will show up on the computer screen immediately, and I am able to discuss and explain to them their actual dental situation," said Dr. Wing.

Dr. Wing says many patients are shocked by the ease of their dental appointments and get audibly excited during their visits.

"Upon showing a patient their 3D digital image on

the screen, they'll often say, 'Wow, that's my mouth, teeth and jaws? That's amazing!' All the patient has to do is sit there and look good. we take care of the rest," said Dr. Wing.

As time goes on, Dr. Wing pledges to offer more innovative procedures and expand his knowledge even further.

"This year we're really hoping to focus on dental hygiene care," said Dr. Wing. "The latest technology will involve dental cleanings that target the removal of the dental biofilm responsible for cavities, gum disease and peri-implantitis. This Guided Biofilm Therapy uses AIRFLOW®, PERIOFLOW® and PIEZON® technologies."

Dr. Wing's goals are to stay ahead of the curve and continue effectively training and educating his staff. He believes locals should have access to services typically found in big cities.

"At the end of the day, it's about giving my patients the best experience and treatment possible. Digital technologies are available everywhere in the world, and high-tech digital dentistry can be performed anywhere, so why not offer it here in small town Peace River?" said Dr. Wing.

Check out their website at [www.wingdental.com](http://www.wingdental.com) or call his office with any questions and book a consultation today!



L to R: Dr. Winston Wing, High-Tech Digital/CEREC/CAD/CAM Manager Shelby Hankins, Dr. Grace Bellrose and Dr. Bryan Lim

