

Belfast Dental **Care** Dental Technology



Belfast Dental Care is committed to delivering the best possible care and experience to our patients. An important part of this commitment is keeping up with standards of care and delivery established by the dental industry.

For today's dental practice, technology is no longer an option; it's a standard. We have invested heavily in both dental and computer technology to serve you in the best and most efficient manner.

In the next few pages, you can learn about the tools we use...

Radiographs (X-Rays)

Radiographs are important diagnostic tools for every dentist because they help the dentist see what's happening where our eyes cannot - between the teeth and in the bones – *the inside scoop!*

We continue to take the familiar close up bite wing and full mouth series radiographs, but are also equipped to take panoramic (wide-view) images for a broader perspective when regular x-rays are not sufficient.



Our CT bone scanner is a special type of x-ray machine which produces three dimensional (3-D) images of your teeth, hard tissues, nerve pathways and bone in a single scan. BDC invested in this technology to ensure safe and secure placement of dental implants.

Our staff are licensed to take radiographs and trained in radiograph safety. [ADA Publication Dental Radiographs](#)

All radiographs are now created and stored in digital format to be easily viewed on the computer screen during your visit.

CEREC (Chairside Economical Restoration of Esthetic Ceramics) On Site

With the Sirona CEREC machine, we can design and create dental restorations in one patient visit. There are no messy impressions with CEREC and no more waiting weeks for lab work to return. And, you don't have to wear an uncomfortable temporary for weeks or make a second visit to receive your restoration!



The dentist prepares your tooth for restoration (onlay, inlay, crown, or bridge). The CEREC machine takes a 3D image of the prepared tooth, then the CEREC software sends this image to a small milling unit. The mill builds the onlay, inlay, crown, or bridge while you wait!

Laser

The dental laser is a tool proven to increase our efficiency and your comfort during treatment. We presently use the Biolase Epic diode soft tissue laser and plan to acquire the Biolase Waterlase all tissue laser in the near future.

Our dentists use the Epic soft tissue laser to remove unwanted tissue and uncover partially erupted teeth. Our hygienists use the Epic to significantly reduce bacteria in between dental hygiene visits, reduce the discomfort and length of time associated with, and even eliminate, cold sores, canker sores and other ulcers in the mouth.

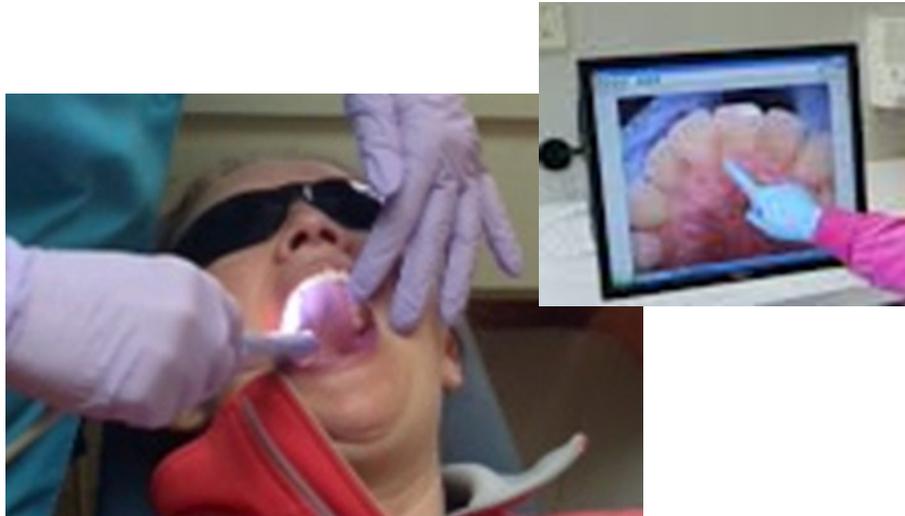


The Epic laser can also be used for in-office bleaching and painful tooth hypersensitivity. We can even use our Epic laser to reduce temporomandibular jaw pain!

The Waterlase all tissue laser does all of this more efficiently and comfortably, plus effectively treats periodontal and peri-implant disease through innovative REPAIR protocols, avoiding more painful and invasive periodontal surgeries. We can even use this exciting technology to prepare and treat cavities, often without the need for local anesthetic! Be on the lookout for this exciting tool!

Intraoral Cameras

Using these small, hand held “wand” cameras, we are able to reach far into your mouth to take photos. We display the photos on the computer screen so you, too, can see what’s going on inside your mouth.



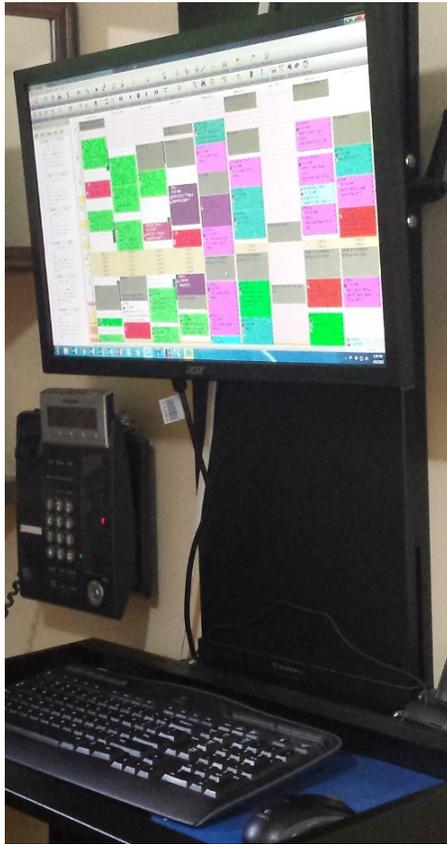
Taking a first-hand look helps you better understand the doctor’s diagnosis and recommendations and make the best decision for your continued care.

Sterilization

Remarkable strides have been made in recent years in the technology that keeps our tools clean for your care. We have invested in both steam autoclaves and a dry sterilization machine along with extensive training for our staff in precise handling procedures.



Computer Systems



Current computer technology and fast internet service are musts for any modern dentistry practice. We work hard to keep our systems up-to-date and synchronized with the dental industry. We rely on a high-speed fiber internet connection for insurance pre-authorizations, claim submissions, patient communications record transfers, staff training and many other needs.