

Our Technology

Digital X-Rays

Digital x-rays are quickly becoming adopted by a large percentage of the dental industry. A digital x-ray allows the dentist to take an image of the tooth or teeth and put it into an imaging program. Within this imaging program, there are a number of tools that will allow the dentist to take a very close look at the teeth and surrounding structures with amazing accuracy. As a benefit to the patient, the digital x-ray also provides nearly 80% less radiation than a standard x-ray. This is due to the fact that the digital version of the x-ray is much more sensitive to this radiation and has been specifically designed with the patient in mind.

Intraoral Camera

The intraoral camera is an amazing diagnostic tool for viewing different angles in the mouth that we would not have been able to just a few years ago. The camera gives us the ability to view the entire mouth on a monitor so that we can get a closer look at any potential issues or problems that may arise. In addition, the patient will have the ability to see for themselves first-hand the same images we are seeing. These digital images are also excellent for gaining procedure acceptance from insurance companies.

Electric Handpieces

There are basically two types of handpieces, air-driven and electric. Electric handpieces are much stronger than air-driven due to the fact that a motor is spinning the bur as opposed to air. This allows the doctor to remove decay at a faster pace. This will cut down on the time it takes to complete a procedure.

Rotary Endodontics

Endodontics, more commonly known as root canal, is a procedure where the roots or nerves of the tooth are removed. This is often due to the fact that they are infected and the tooth is causing pain. Rotary Endodontics is a way of performing the root canal utilizing a specific electrical handpiece. This tool often makes the process faster and allows the dentist to perform the process with greater ease.

Oral Cancer Screenings

Oral cancer screenings are a very important part of the dental visit for the patient. With the advances in modern technology, we are now able to pinpoint the start of a potential problem much earlier in its evolution. The ability to do so is extremely important in being able to treat any issues prior to them becoming a major irreversible problem.

The oral cancer screening is often completed with an ultraviolet light or similar device that allows us to view issues that can't always be detected by the human eye under normal conditions.

Certain lifestyle choices can have a great impact on the health of tissues and your overall health in the mouth. If you are a smoker or heavy drinker, make sure to get regular screenings when you visit the dentist.

Digital Impressions

Digital impressions can **increase productivity and efficiency and provide a high degree of accuracy**. They are extremely convenient, particularly because the impression can be emailed to the dental laboratory rather than sent, as a conventional impression would be, by courier or by mail. This means shorter wait time for lab cases to return to be inserted.

Dental Ct

A dental CT (computed tomography) uses special software to produce 3D images of the mouth. It creates life-like special views of the mouth that

help determine if someone is a candidate for an implant. It also gives information about the anatomy of a patient's mouth to help with the surgery.

Traditional panoramic X-rays can show the height and contour of the jaw bone, but they give no indication of the bone width and density and may distort the location of the alveolar nerve. With 3D images, a surgeon knows the amount of bone a patient has, the distance to the alveolar nerve and the exact angles to situate the implant.

A dental CT can also help show nerve location before a wisdom tooth extraction.