

Technological Advances in the Field of Dentistry

To the casual observer it may appear as though nothing has changed throughout the years in the field of Dentistry however, it is not true. In the past few decades technology has made it possible and more convenient for dentist and for people to achieve better results in half their oral concerns treated in a timely manner.

Because of technological advances in the field of Dentistry it is now possible to perform cosmetic procedures in patients who have lost a tooth or have severe problems concerning the shape and position of their teeth. Let's go ahead and look at some of the technologies that are used today in order to provide a better service to people who are concerned about their oral health and the appearance of their smile.

CAD/CAM technologies:

These stand for computer assisted design and computer assisted manufacture, the use of these technologies have made it possible for dentists to work closely with computer software in order to design and manufacture complex pieces such as porcelain veneers, inlays, bridges and other oral fixtures which were extremely difficult to design and manufacture without the help of computers.

CAT scans:

This has become a standard technology used today by dentists who perform dental implants, by using CAT scans implantologists are able to get a clear picture of the density and condition of the jawbone before they actually drilled it in order to put in place a special screw which will be used as the base for an implant.

Air abrasion:

This technology is used instead of the traditional and much feared drill in order to perform a cleaning, many patients get extremely anxious and nervous when they see or hear a drill, an air abrasion can provide the same benefits as its older version while preventing the patient from being frightened.

When a patient becomes extremely anxious and the treatment ahead is known to be very painful (root canals and implants) a dentist can't apply a certain degree of sedation which will help the person relax and feel more at ease throughout the entire procedure, some of the substances used are laughing gas and insomnia drugs. There have been a lot more changes to the field of Dentistry because of technology, for more information visit your local library or take some time to chat with your dentist, you might be surprised what you find out.

About the Author

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