
Dental implants

By editor

Published: 05/14/2008 - 15:50

Dental implants are artificial tooth replacements that are used to counter tooth loss. The procedure is categorized as a form of prosthetic (artificial replacement) dentistry, though it also falls into the category of cosmetic dentistry as well.

Although you have a number of restorative options for the treatment of missing teeth, none have proven to be as functionally effective and durable as implants. In many cases, dental implants may be the only logical choice for the restoration of all necessary functionality of the teeth and supporting structures.



People who have lost teeth might feel not very self-conscious to smile or talk. Additionally, biting irregularities caused by tooth loss can have a negative effect on eating habits and this can lead to secondary health problems like malnutrition. Regardless of the nature of problems related to tooth loss, dental implants may provide a simple remedy with proven results.

Advantages of Implant Dentistry

Dental implants are stronger and more durable than their restorative counterparts (bridges and dentures). Implants offer a permanent solution to tooth loss. Additionally, implants may be used in conjunction with other restorative procedures for maximum effectiveness. For example, a single implant can serve to support a crown replacing a single missing tooth. Implants can also be used to support a dental bridge for the replacement of multiple missing teeth, and can be used with dentures to increase stability and reduce gum tissue irritation.

Procedural advancements, including the development of narrower “mini” implants, mean that more people than ever before are finding themselves candidates for implantation. However, candidacy for implantation still varies, meaning that your dentist may determine that you should opt for an alternative restoration. Keep in mind, too, that dentists do not need a specific license by law in order to perform implant dentistry. A general or restorative dentist may perform the crown and bridge placement that is associated with implant restoration. However, prosthodontists are the specialists who often complete this crucial procedure.

Today's dental implants are virtually indistinguishable from other teeth. This appearance is aided in part by the structural and functional connection between the dental implant and the living bone. Implants are typically placed in a single sitting but require a period of osseointegration.

Osseointegration is the process by which direct anchorage of a dental implant root and the bone of the jaw occurs. Osseointegrated implants are the most commonly used and successful type of dental implant. An osseointegrated implant takes anywhere from three to six months to anchor and heal, at which point your dentist can complete the procedure with the placement of a crown. Once the implant has anchored with the jawbone, artificial prosthesis may be attached and the process is done. If osseointegration does not occur, the implant will fail.

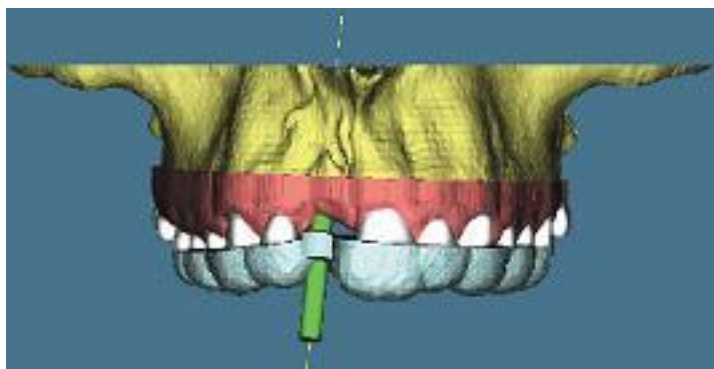
A dental implant is commonly composed of a titanium material screw and a crown. A small-diameter hole (pilot hole) is drilled at edentulous (where there is no tooth) jaw sites in order to guide the titanium screw that holds a dental implant in place. To avoid damaging vital jaw and face structures like the inferior alveolar nerve in the mandible (lower jaw), a dentist must use great skill and expertise when boring the pilot hole and sizing the jaw bone.

Sim Plant - Interactive 3D planning software

X

Our clinic uses the world's first interactive 3D Implant Planning System for more accurate and predictable treatment planning of dental implants. SimPlant is precise preoperative planning software that provides an increased level of confidence and an extra margin of safety for our patients. Real 3D planning allows you to find the ideal position of the implants, while taking into account both clinical and esthetical considerations. SimPlant software is compatible with every implant brand.

X



X

X

X

Free Treatment Quotation

1. Send us your panoramic dental x-ray.



2. Our doctor will prepare for you Free Treatment Quotation and exact schedule of treatment.

3. Additional - If you want - visit your private dentist and find out how much you have to pay for the treatment, we will prepare for you our quotation, you will check our small prizes.

X

PRESTIGE DENT



Prestige Dent is a dental clinic of a modern type; based on the latest world-wide dentistry standards. Our team

Our clinic is equipped with latest achievements of dental appliances such as: computer tomography (available)

To start cooperation with us, we will need your panoramic dental x-ray, then we can prepare for you, at no cost

Our helpful and friendly staff will make sure you feel comfortable and relaxed during the visit. Each and every

We will offer you coffee, soft drinks in our waiting room, where you can also read daily newspapers and magazines

