

Dental Implant Procedure -- Cosmetic Dentistry

Improvements in dental technology have allowed implants to become almost indistinguishable from the rest of the persons teeth, the natural appearance is greatly aided by the way that the implant is carefully connected with the living bone, this procedure not only makes the implant more visually appealing but it also makes it very functional. For the most part, implants are placed in just one sitting however, it is required for a patient to wait an extended period of time to allow osseointegration.

In a nutshell, osseointegration is a process by which the implant's root bonds with the jawbone, this process is also referred to as direct anchorage. It is very common for a person to have to wait three to six months for the implant to heal and become completely incorporated with the supporting bone, at this point the procedure is considered to have been successful. The last step is the placement of a crown.

If during the bonding period osseointegration does not occur within the implant will fail and the dentist will consider another method by which the structure can be repaired or replaced. Let's take a look at the steps which need to be followed during a dental implant:

Preparation of the jawbone for implantation:

And the implant is normally composed of materials such as titanium which is the fundamental material that is used in the screw and a crown. To begin to procedure a dentist will create a small hole which is referred to as the pilot hole at the place where there is a tooth, the purpose of this whole is to guide the titanium screw which will hold in place the implant. This is perhaps the most complex and dedicate part of the operation because the dentist must consider several factors and use all of his or her expertise in order to avoid damaging the jaw and that the structure as well, information which provides details about the size of the jawbone is crucial during this part.

Placement of the structure:

After the pilot hole has been created it is then widened in order to allow placement of the screw, once this part is done is time to cover the screw with a protective cover which will allow the implant to heal and anchor. The next step is to place a temporary crown which will serve as a template around which the gum will grow and take a natural shape, after the bonding and anchoring period has passed the dentist will then remove the temporary crown in place a permanent one which is the last step of the procedure.

About the Author

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