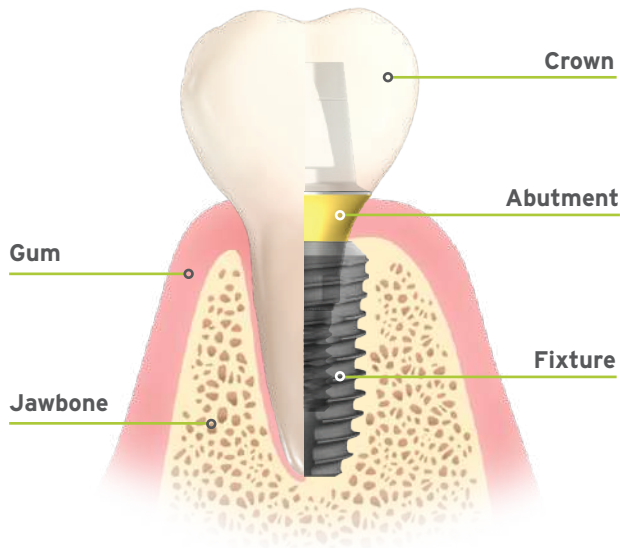


Dental implants are titanium posts that are surgically placed into the jawbone to support a dental prosthesis such as a crown, bridge, or denture. Through a biologic process known as osseointegration, implants form a direct connection with the bone and function as an artificial tooth root. A dental prosthesis, such as a crown, is then placed on top of the implant using an abutment and replicates the top portion of a natural tooth.



- **Crown** A prosthetic tooth that is custom-made to match the shape and color of your adjacent teeth.
- **Abutment** A connective element used to join the dental prosthesis to the dental implant fixture.
- **Fixture** The titanium implant which integrates into the jawbone and replaces the root portion of a natural tooth.

The Benefits of Dental Implants

- Helps prevent bone loss and resorption of bone after tooth loss. Without the stimulation from chewing pressure, the jawbone can irreversibly change shape.
- Eliminates the need to alter healthy adjacent teeth, which is necessary to fabricate a conventional bridge.
- Improves biting force and chewing ability so you can enjoy your food better. Unlike conventional dentures, which can slip when eating, dental implants are anchored into the bone, providing a stable base for chewing.
- Improves speech and supports natural facial contour.
- Provides a better, stable support for dentures that can easily shift or move.

Q1 Is there any pain associated with the procedure?

Straightforward, simple implant surgeries can be performed with local anesthesia only and most patients report little to no discomfort during the surgery. Some patients can undergo sedation to help alleviate the anxiety and discomfort during an extensive surgery.

Q2 What can I expect after the anesthesia wears off?

Some minor discomfort or soreness can be expected, but it can be managed with proper instruction from your dental professional and pain medications.

Q3 How long is the dental implant surgery?

The length of the implant surgery can vary based on several factors such as the complexity of the surgery, the number of implants placed, and the need for additional procedures. For a single implant placement, the surgery typically lasts about an hour.

Q4 Can I eat normally after the implant surgery?

It is important to follow soft food guidelines for the first several days to allow proper healing of the surgical site without irritation. While it is important to stay hydrated and well-nourished for ideal healing, there are some limitations as to the types of food you can consume (soft, bland foods are the best). Ask your dental professional for dietary restrictions or instructions.

Q5 How long does the overall process take?

Generally from the time of dental implant placement, it takes 3-6 months before the implant can get restored. This length of time is essential to allow the bone to heal and integrate around the dental implant so it can be strong and stable enough to support the function of chewing. This timeline can vary based on each individual case need. Your dentist can provide you with a more accurate timeline.

Q6 How long do dental implants last?

With proper care and maintenance, dental implants can last many years and even a lifetime. While the implant fixture can last a long time, the crown portion of the implant may need replacement. Maintaining good oral hygiene is essential for the success of your dental implant. Regular follow-up care with your dentist is crucial as well.



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The Dental Implant Placement Procedure

The placement of a dental implant is a surgical procedure that is performed by your dentist. Surgical procedure and time can vary based on each individual case and needs.

Step 1: Diagnosis and Treatment Planning

Your doctor will evaluate your medical and dental condition to see if dental implants are an appropriate treatment option for you. A dental radiograph and/or 3D scan may be taken in order to better visualize the bone where the future implant(s) will be placed and to assist with surgical planning.

Step 2: Implant Placement (1st Stage Surgery)



Right before the surgery, your doctor will administer anesthesia to the area where implant(s) will be placed. Then an incision will be made to expose the surgery site. A series of drills will be used to create an appropriately sized socket for the implant. The implant is then placed securely into the created socket.

Step 3: Implant Uncovery (2nd Stage Surgery)



After the surgery is complete, you will be given sufficient time to heal. As the area heals, the implant will integrate into the jawbone. Depending on the case, a second stage surgery may be needed to uncover the implant and to place a healing abutment.

Step 4: Placement of Dental Prosthesis (Crown or Bridge)



After the surgical site is healed completely, an impression will be made and sent to the dental lab. The dental lab will fabricate a customized prosthesis. Your doctor will check the fit and shade of the dental prosthesis and place it on the implant to complete the treatment.

Implant-Related Replacement Options

Dental implants are quite versatile, with a variety of restorative interfaces and prosthetic options to provide you with a healthy-looking smile.

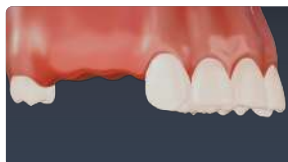
■ Single Tooth Replacement (Implant-Supported Crown):

If you are missing only one tooth, a single dental implant with a single crown may be an option for you. A customized implant-supported crown can be made to match the surrounding teeth without grinding your healthy, adjacent teeth (as with a conventional bridge).



■ Multiple Teeth Replacement (Implant-Supported Bridge):

An implant-supported bridge is a viable option for multiple missing teeth. The bridge consists of two or more crowns joined together as a single unit and is retained by multiple implants.



■ Full Arch Replacement (Implant-Supported Denture):

Implants can also be placed to support and to provide stabilization of various types of dentures. These dentures can be permanently fixed in place or be removed for hygiene.



Dental Implants:

A Life Changing Experience



DentiumUSA is committed to providing high quality dental implants made in the USA. With over 22 years of clinical data, we take pride in providing innovative products supported by long-term clinical and scientific evidence.

For more information, please visit our website, www.dentiumusa.com.

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