



Dental Implants

The tooth replacement solution



Dental Care

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If you have missing teeth and want a solution that is as close to your natural teeth as possible, dental implants are the modern day best option for you. These are now recognized by the American Dental Association as a standard treatment for a full range of problems.

Implants have been used for more than a quarter century. It is an ancient art refined and now the use of Dental Implants is becoming a routine. The procedure itself is quite easy and predictable.

Many Patients choose implants to replace a single tooth, several teeth or to support a full set of dentures. What are Implants? These are manufactured posts made of titanium and other materials placed directly into the jaw bone which is designed to create a stable foundation.

There are 2 parts to a dental implant which stimulate the strong holding ability of the tooth root. The main part of the dental implant is embedded in the jaw bone for an effect that is vastly stronger than dentures are capable of. The second part of the dental implant is post that protrudes above the jaw bone and gum line to provide a fixed point to attach the tooth restoration that will simulate the crown.

Why replace missing teeth?

- A gap between your teeth, if obvious when you smile or speak is a cosmetic concern.
- Missing teeth may affect your speech.
- When a tooth is removed, the biting force on the remaining teeth begin to change. As the bite changes to compensate for the lost tooth, there is a risk of extra pressure and discomfort on the jaw joints, which may lead to Temporomandibular Disorder also known as (TMD)
- If a missing tooth is not replaced the surrounding teeth can shift. Harmful plaque and tartar can collect in new hard to reach places created by the shifting teeth. Overtime this may lead to the tooth decay and periodontal disease.
- Bone loss can occur in the region of the missing tooth.



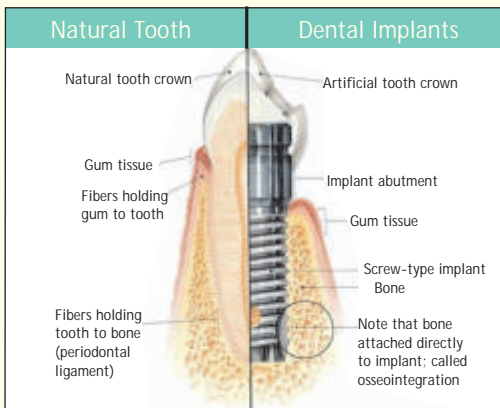
Benefit of Dental Implants.

- It can treat cases untreatable with conventional methods of dental bridges and dentures.
- Crown and bridge require two or more healthy teeth be ground and down to serve as abutments (posts) for a bridge, it avoids cutting down and overloading the natural teeth with conventional means.
- It gives superior aesthetic results.
- It prevents further resorption of the jaw bone following tooth loss as dental implants like natural teeth also transmit chewing forces to the jaw bone which reduces bone loss and prevent premature aging.
- Most importantly it helps restore a Patient's self esteem and confidence since it gives the feeling of regaining the real teeth.

INDICATION OF DENTAL IMPLANTS

Single Tooth Implant:-

It is a free standing unit and does not involve treatment to adjacent teeth thereby maintaining their strength and integrity.



Implant supported Bridges & Dentures.

Dental implants may be used to support a bridge when several teeth are missing. An implant supported bridge does not require support from adjacent teeth.

If you are missing all of your teeth, an implant supported denture can replace the missing teeth and some of the tooth roots. Since the dental implants integrate with the jaw bone, an implant supported denture tends to be more stable as there is no problem of slippage and discomfort.

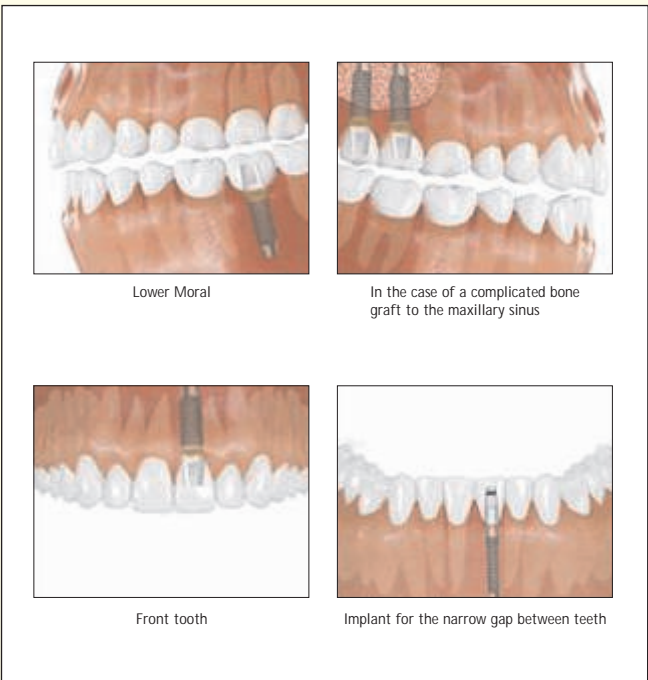


What are the procedures involved ?

The surgery can commence after thorough diagnosis and treatment planning. A recipient site of the same size and shape as the implant is created in the jaw bone with drilling instruments. The implant is inserted into the site prepared.

Usually a healing period of 3 to 6 months is required for the jaw bone to fuse with the implant. The jaw bone has different densities in different areas, the denser the bone the shorter the healing period:

After this healing period the prosthesis is constructed over the implant and the treatment is completed.



Lower Moral

In the case of a complicated bone graft to the maxillary sinus

Front tooth

Implant for the narrow gap between teeth

Frequently Asked Questions

Q1 Who is a suitable candidate for Implants.

Ans. (1) Those who have lost their back teeth making it impossible to construct a conventional dental bridge.

(2) Those who cannot tolerate a denture in their mouth.

(3) Age in itself is not a factor in the choice of treatment as general health and attitude are much more important in the decision to use dental implants.

(4) There must be enough space to accommodate the prosthesis over the implants.

(5) Your jaw must have enough bone to support the implant (If not bone grafting may be required).

Q2 How long can an oral Implant last?

Ans. The various factors are:-

- High standard of treatment.
- Meticulous daily cleaning by the patient
- Regular professional cleaning.

Avoidance of overloading (chewing bones/hard nuts) can contribute to the durability of the implant.

Q3 Is the implant placement painful and how safe is it?

Ans. The implant placement usually takes 45-60 minutes depending on the location and number of implants. It is usually done under local anesthesia and is not painful. Post placement your dentist may prescribe medication to alleviate any pain you may have.

Where as no medical treatment can be guaranteed 100% without risks and failures, implant operation can be considered very safe.

The prosthetic phase of treatment is basically non invasive and non surgical in nature.

So in summary Dental Implants are the only tooth replacement solution that can protect your dental health by simulating your natural tooth and tooth root structure.

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