



# what **Dental Implants** can do for **you!**

# about **Dental Implants**

Dental implants are designed to replace missing or damaged teeth. It is a safe alternative treatment to a bridge or denture. Dental implants involve placing artificial dental roots made of special metal titanium to the jawbone for a natural feel as well as aesthetic satisfaction.



want to  
***restore  
confidence***  
in your ***smile?***

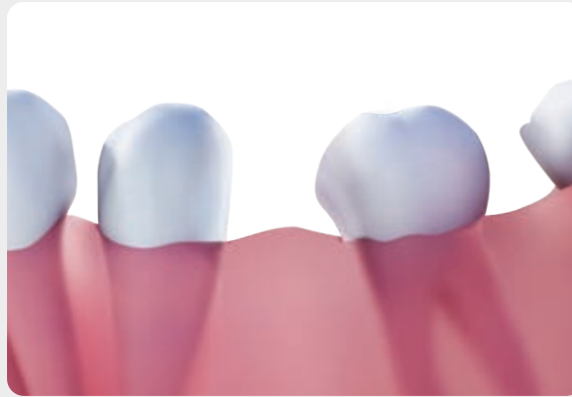
We strongly recommend  
**Hiossen® Implant**



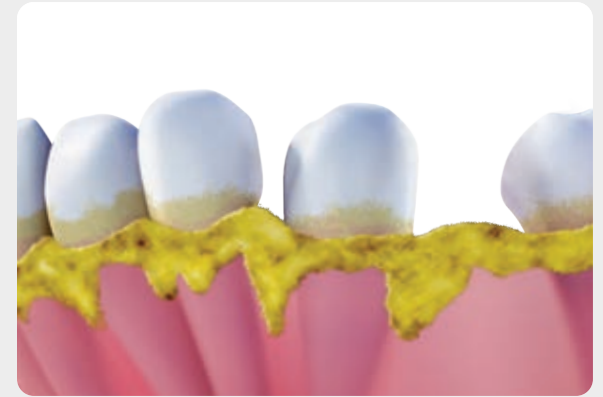
what if  
**a tooth is lost and  
the toothless area  
is left *alone*?**



The alignment of teeth changes.



The gap between teeth widens, thereby compromising the aesthetic effect.



Cavities and periodontal disease occur.



If left alone for a long time, alveolar bones are absorbed, hence wearing a denture becomes difficult.

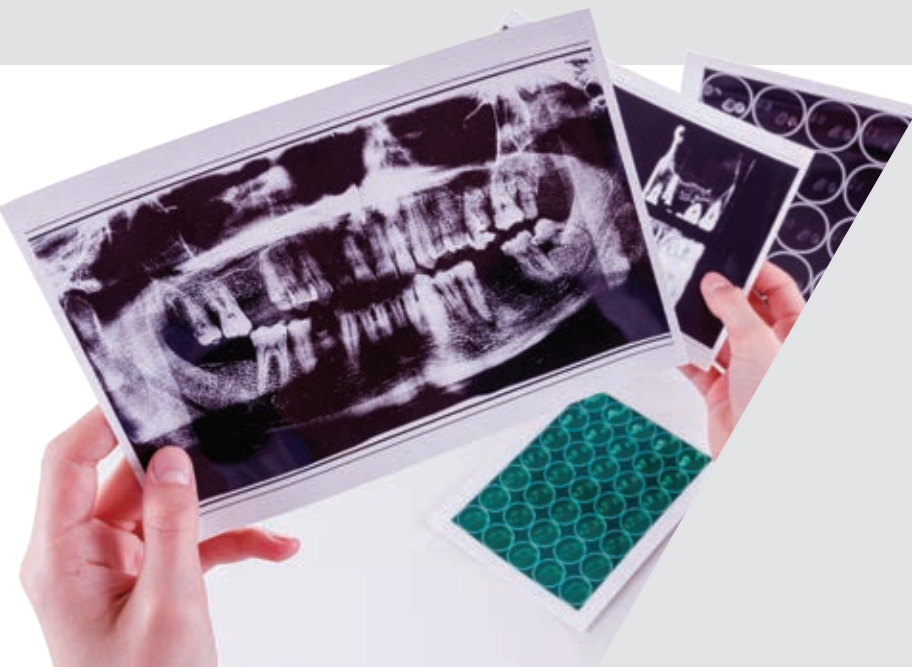


Facial collapse - You look older than your age

- Poor digestion as chewing food becomes difficult
- You lose your natural smile
- Articulating becomes difficult

# 10 reasons to *smile* again

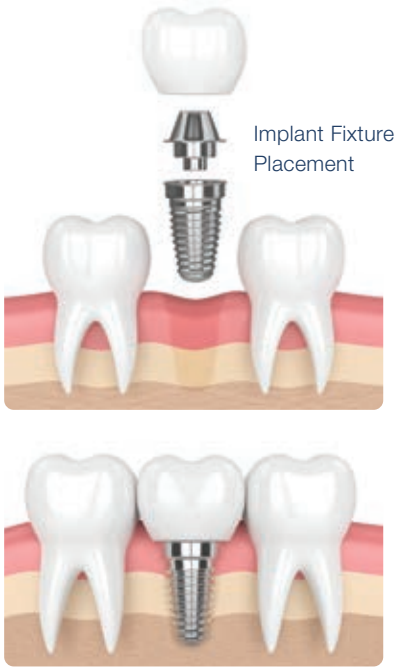
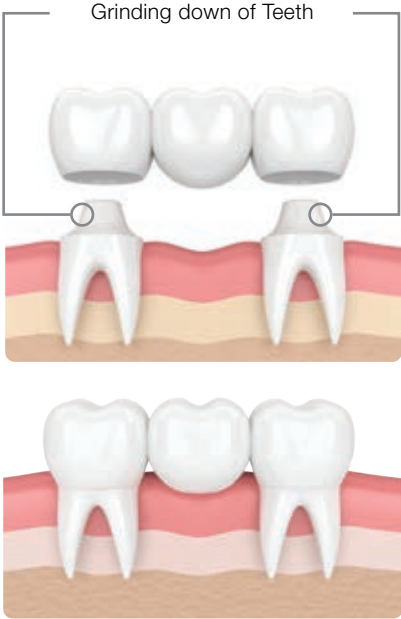

01. Same chewing force as that of a natural tooth
02. Economical and durable
03. Feels as natural as a natural tooth
04. Protection of adjacent teeth
05. Relief from the discomfort of wearing dentures
06. As comfortable as a natural tooth
07. No chance of cavity
08. Maintenance of healthy jawbone
09. Chewing remains an enjoyable experience
10. Increased stability in a full denture



## Diagnosis & Treatment Process

- Pre-surgery test
- First surgery
- Minor dental procedure
- Implant Crown Cementation
- Regular Maintenance Care



comparison of Dental Implant	Implant	Bridge	Denture
	 <p>Implant Crown Cementation</p>	 <p>Grinding down of Teeth</p>	 <p>Complete Denture Cementation</p>
	Surgery Method	Teeth on both sides cut; three teeth are made into one, and artificial teeth are inserted	Replacing missing teeth with prosthetic devices supported by surrounding soft and hard tissue of the oral cavity
	Tooth Damage	No damage to teeth	Damage to adjacent teeth because they are ground down
	Chewing Strength	Jawbone kept healthy; strength of chewing similar to that of natural teeth	Absence of root of teeth causing loss of bone adjacent to teeth and chewing strength to decline the process
	Treatment Period	Short treatment period	Difficult to eat tough and hard food
	Life Span	Must be replaced every 5-10 years	Short treatment period
	Cost	Repaired and replaced every 3-4 years	Low compared to implants, although additional costs are incurred for replacement; uncomfortable as well

when  
**a tooth is *lost***



Front tooth



Extracted front tooth before treatment



Front tooth after treatment

when  
**several teeth**  
are *lost*



Mouth before treatment

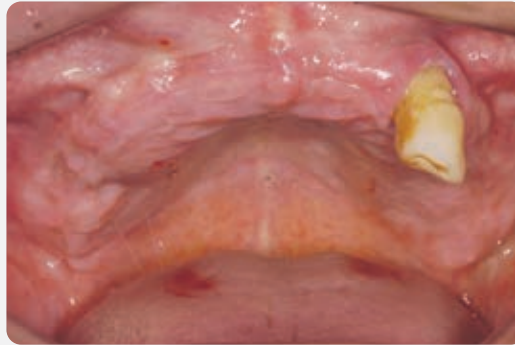


Mouth after treatment

when  
**all teeth**  
are *lost*



Removable prosthesis



Mouth before treatment



Four implants are placed



Frame for fixing the denture is mounted



Fabricating of denture



Mouth after treatment



# when **a Bone Graft** is *need*



Simple bone graft of  
lower molar



Mouth before treatment



Mouth after treatment

When you are considering implants, you must have adequate bone to support the implant. If your bone is too soft and unable to support an implant, you will require a bone graft.

In a bone graft procedure, your oral implantologist will use a special bone grafting material and graft it into your bone. After the procedure, there will be a waiting period of 2-3 months while the bone graft creates enough new, strong bone in your jaw to make sure that the implant will be successful and able to support your dental implant.

# Questions & Answers



## Success Rate

### Q What is the success rate?

A From 1975 to 2004, implant success ranged between 90% to 100% according to a clinical study.

Immediate and early implant loading protocols: a literature review of clinical studies  
J Prosthet Dent. 2005 Sep;94(3):242-58. Review.

## Treatment Period

### Q How long is the treatment period?

A The treatment period takes approximately one month for consultation up to the first surgery and another 2-3 months until the periodontal bones and implant are fixed firmly and the prosthesis is mounted. The treatment period could be extended depending on the condition of the jaw bones and mouth, chewing strength and the implant system utilized.

## Pain

### Q Does it hurt?

A Not at all, since local anesthesia will be administered before surgery. After the surgery you may experience some mild pain once the effect of the anesthesia wears off. Generally an over the counter pain reliever is all that is needed.

## Treatment Cost

### Q Aren't implants expensive compared to dentures?

A Although the initial cost of dentures is lower than that of an implant additional cost is incurred later. Implants are actually less expensive because they are semi-permanent; therefore no additional cost is incurred.

## Subject for Treatment

### Q Can older patients undergo implant surgery?

A Yes. Elderly patients can undergo implant surgery but your doctor will help by providing a complete health examination prior to your treatment.

## Implant Materials

### Q Do implants contain harmful heavy metals?

A No. Implants are made of high-grade titanium metal and are not harmful to the human body.

## Post Surgery Effects

### Q What are the post-surgery effects of implant surgery?

A After the implant surgery, the surgery site may be sore. These symptoms will subside over the course of a few days.

Smiles That Last a Lifetime.

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I M P L A N T



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