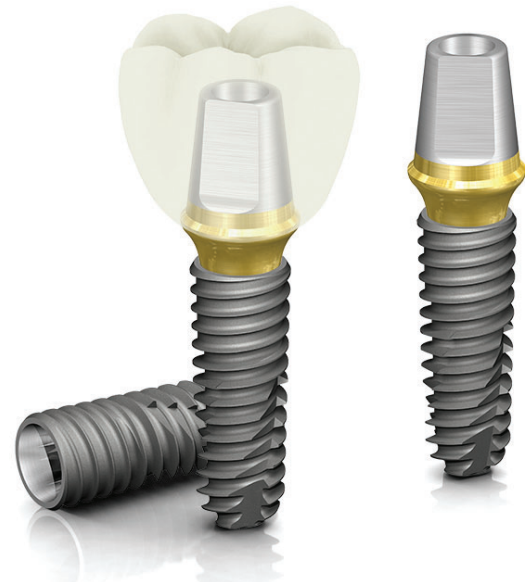




<http://Shetak.com>



Osstem Implant Choosing the right implant

OSSTEM[®]
IMPLANT

2013



Choosing the right implant

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HA | CA | SA



01

Common knowledge about implant treatment

What happens when we leave the missing tooth untreated?



1 Deformation of dentition



2 Widening of tooth gap



3 Induction of dental caries/
gum disease



4 Absorption of gingival bone
when left untreated for a
prolonged period of time
(Difficulty wearing denture)



5 Looks older than the actual age



6 Diminished digestive function
due to the inability to chew well

Do you want to regain confidence for your life?

We suggest implant.

<http://Shetak.com>

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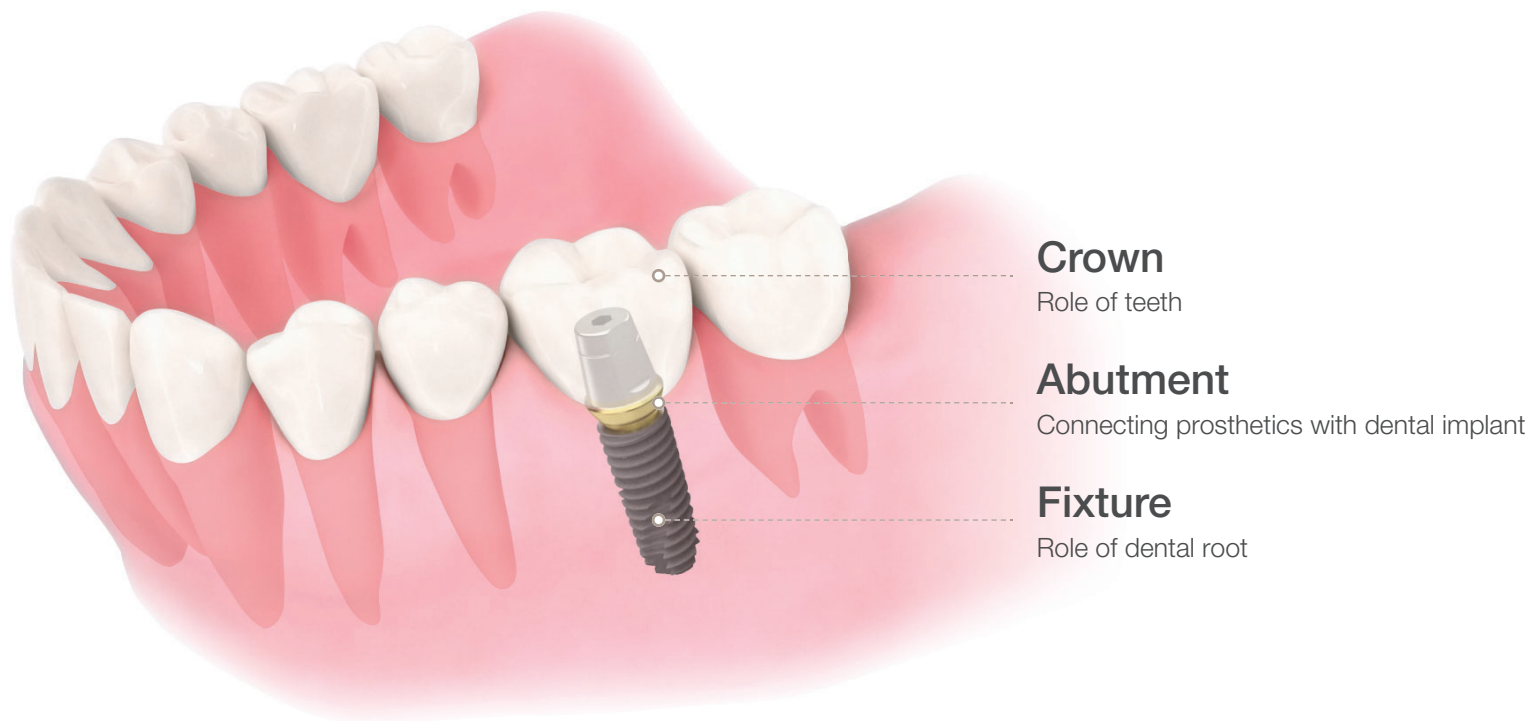
Implant



01

Common knowledge about implant treatment

Implant - the second permanent tooth



An implant is a safe treatment that provides the same satisfaction as the original natural tooth by placing the fixture on the site of the missing tooth and connecting the crown to it.



01

Common knowledge about implant treatment

Nine reasons why implant is good

1

Natural smile and comfort



2

0% chance of developing dental caries



3

Same masticatory force as natural teeth



4

Healthy maintenance of oral cavity



5

Significantly better sense of taste



6

Preservation of adjacent teeth without damage



7

Economical semi-permanent lifespan



8

Improved fixation of denture



9

Emancipation from the discomfort of denture





01

Common knowledge about implant treatment

Implant vs Bridge vs Denture



	Implant	Bridge	Denture
Procedure	Planting inside the bone of missing site	Shaving down both adjacent teeth and making three teeth into one mass to fill the gap	Taking impression of the gum and making standardized teeth and dentition
Tooth damage	No damage to adjacent teeth	Need to shave down healthy adjacent teeth	Progressive absorption of gingival bone
Treatment period	3~6 months	Short	Short
Treatment cost	Expensive initial cost, but economical in the long run	Inexpensive	Cheaper than implant, but requires additional cost and causes great discomfort with use
Masticatory force	Same masticatory as natural tooth	Weak masticatory force due to the absence of dental root	Difficult consuming tough or hard food
Lifespan	Semipermanent lifespan	Replacement every 5~10 years	Repair/replacement every 3~4 years



01

Common knowledge about implant treatment

Treatment procedure and lifespan

Implant treatment procedure



Diagnosis



Implant placement



Secondary implant placement



Prosthesis



Follow-up care

Semi-permanent implant

Although an implant is semi-permanent, regular check-ups and follow-up management are important for long-term use without problems.



01

Common knowledge about implant treatment

Success rate of the surgery and pain

Q1

Is the success rate high?

According to the results of a domestic clinical journal, the success rate of implants is 95% or higher in Korea.

Q2

Are there any side effects after the surgery?

You may experience fever, stiff pain, or an abnormal sensation on the lips or jaw due to swelling for a few days after the surgery, but most symptoms will disappear with time.

*If the symptoms continue, seek advice from your doctor.

Q3

Does it hurt a lot?

You may experience a certain level of pain after surgery once the anesthesia wears off, but in general, the implant procedure does not hurt any more than other general dental procedures.

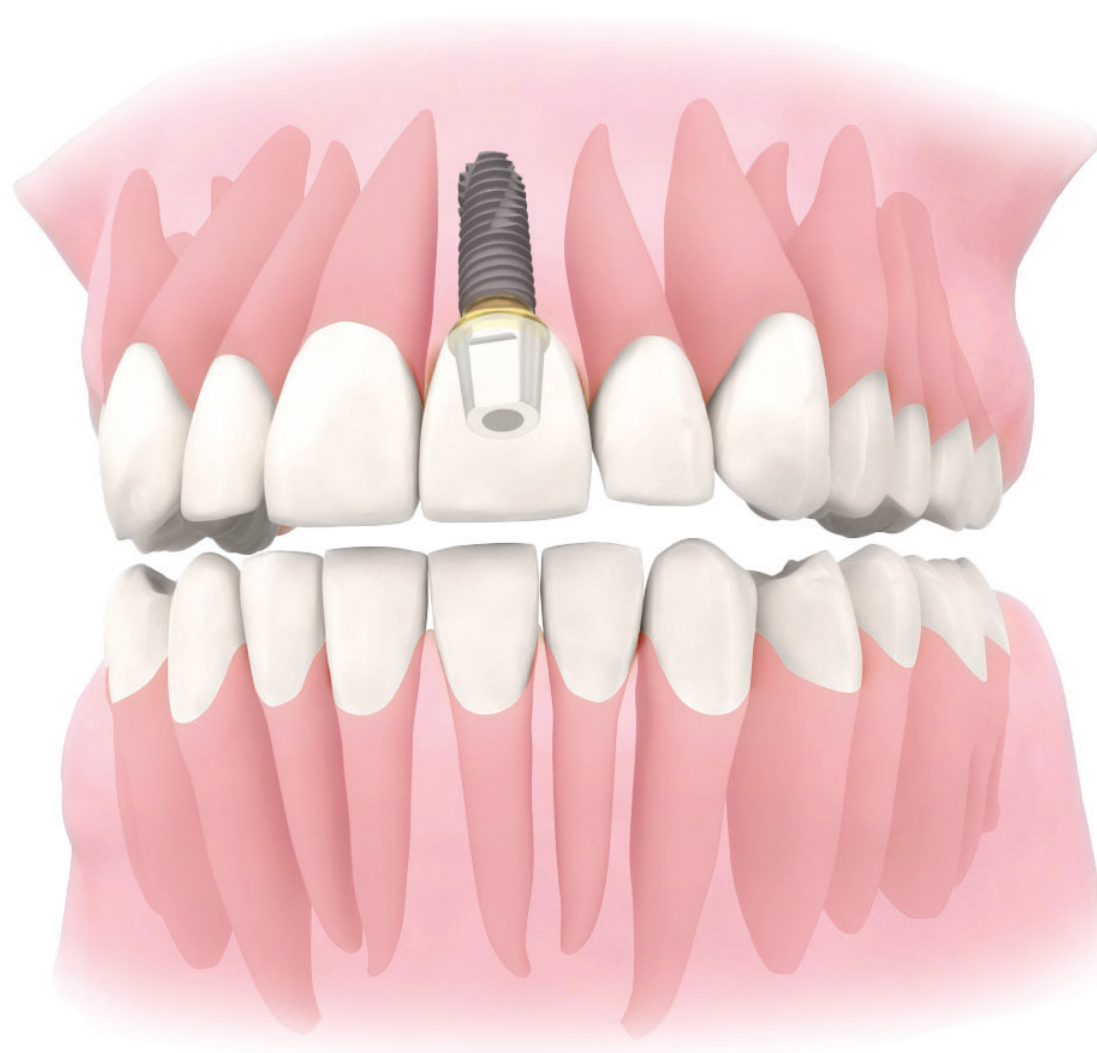
Implant



02

Common knowledge about implant treatment

Missing one tooth | Maxillary incisor



Case



02

Common knowledge about implant treatment

Missing one tooth | Mandibular molar



Case



02

Common knowledge about implant treatment

Missing one tooth | Narrow gap between teeth



Case



02

Common knowledge about implant treatment

Missing several teeth | Maxillary molars



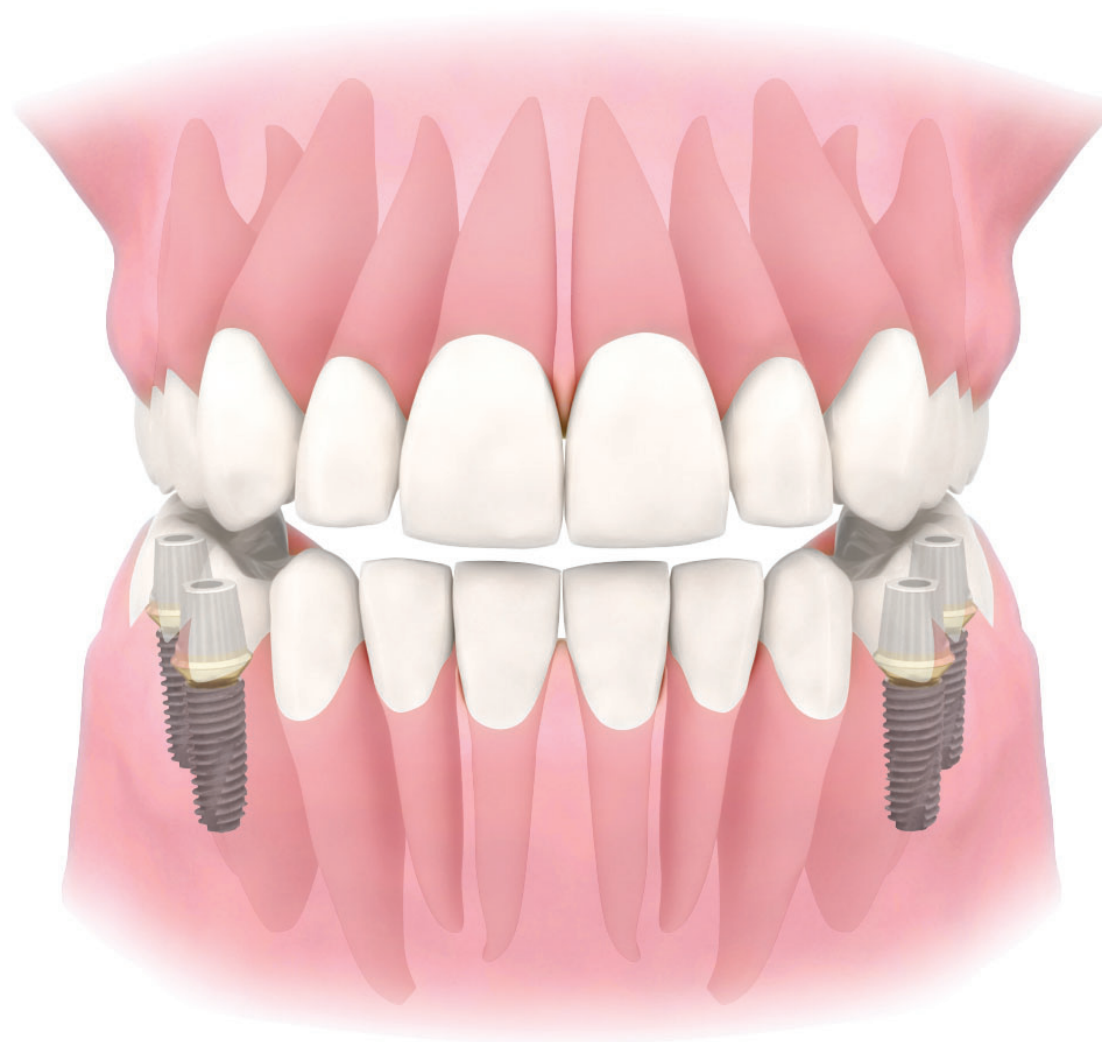
Case



02

Common knowledge about implant treatment

Missing several teeth | Mandibular molars



Case



02

Common knowledge about implant treatment

Missing all teeth | Fixed prosthetics



Case



02

Common knowledge about implant treatment

Missing all teeth | Implant supported denture



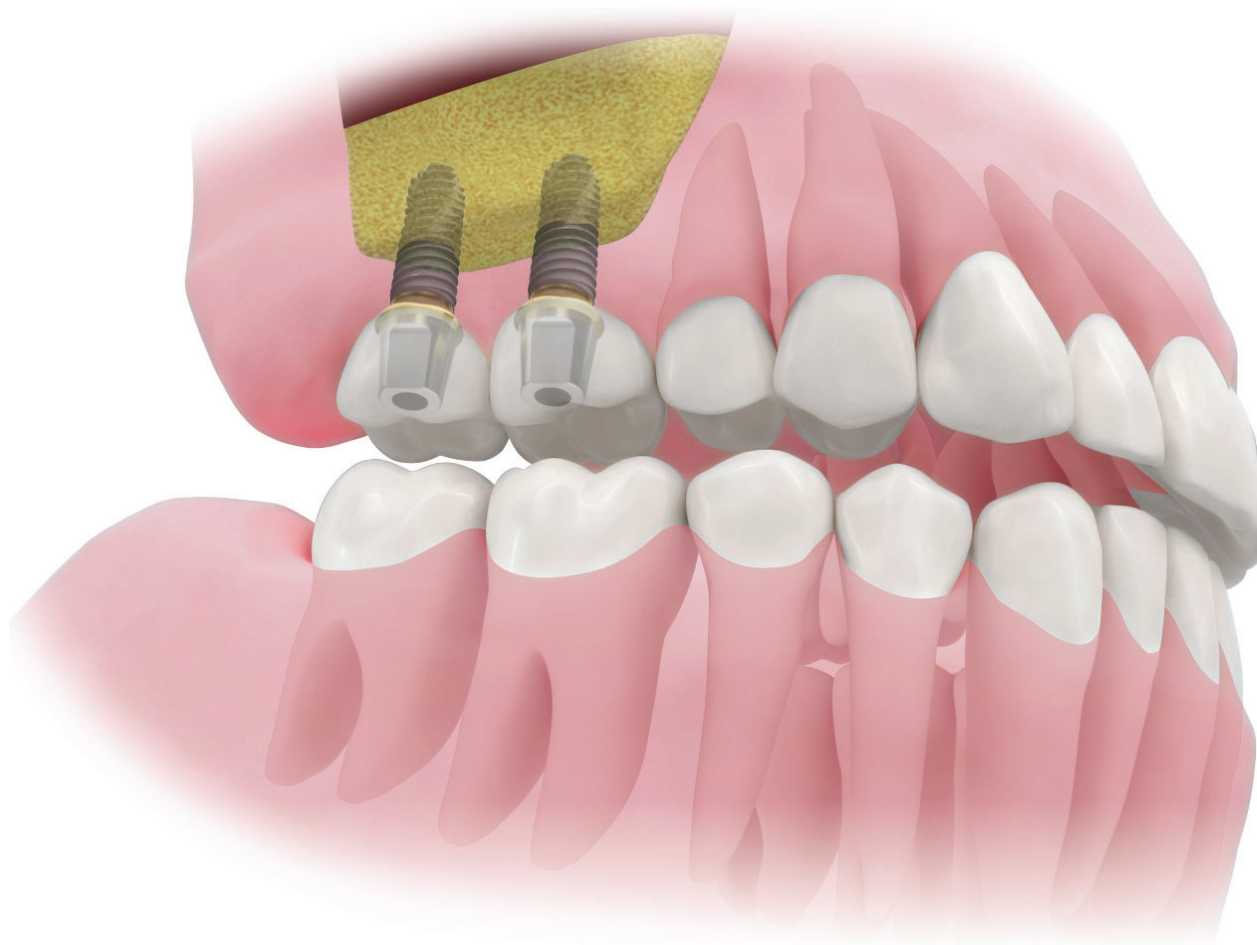
Case



02

Common knowledge about implant treatment

In need to bone graft | Maxillary sinus



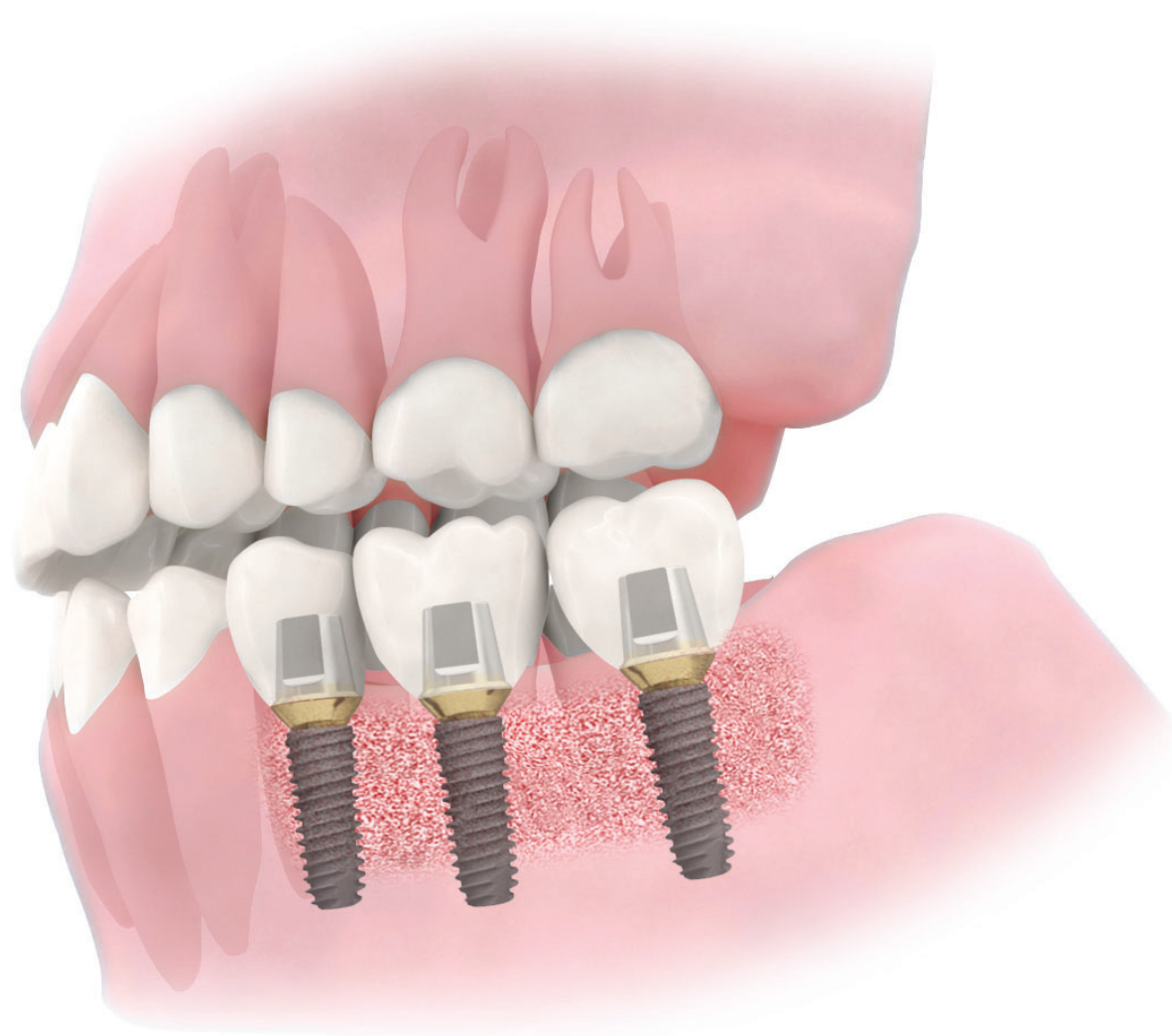
Case



02

Common knowledge about implant treatment

In need of bone graft | Mandible



Case



03

Good implant, Osstem

Six reasons why Osstem Implant is good



1 Globally recognized product

Number 1 in Asia/Pacific -
Used in approximately 50 countries



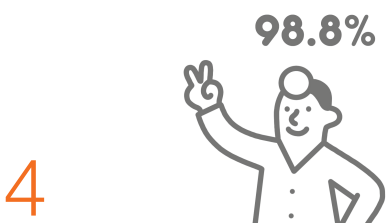
2 Product that's used the most

The implant that dentists trust the most



3 Certified product

Possesses long term clinical records of more than 10 years



4 Higher success rate

98.8% implant success rate
(result from Bundang Seoul University Hospital)



5 Advanced technology

Surface technology, implant design, precision



6 Certificate of authenticity

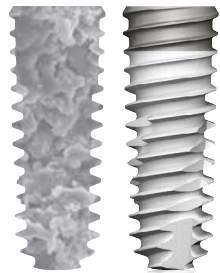
Care can be received anytime from any dental office that uses Osstem (Korea Domestic).



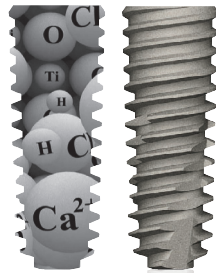
03

Good implant, Osstem

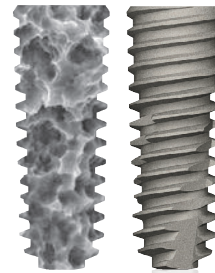
Main surface of Osstem implant



HA



CA



SA

Surface, the core technology of the implant, is the major factor of fast, safe, and successful treatment.

Osstem Implant possesses a globally-recognized surface technology.



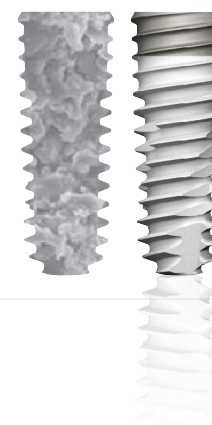
03

Good implant, Osstem

Main surface of Osstem implant

HA(Hydroxyapatite)

Premium surface coated with biocompatible material that's similar to human bone



	Treatment period			Implantable range			Bone strength by region
	1 month	2 month	3 month	Strong bone	Normal bone	Weak bone	
HA	4 weeks						 Strong bone Normal bone Weak bone
	12 weeks						
Normal implant							

* The period may vary depending on bone mass or the condition of the teeth.



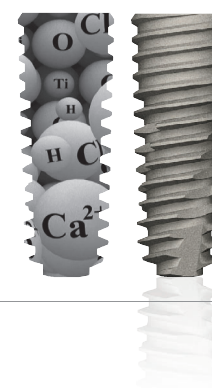
03



Good implant, Osstem

Main surface of Osstem implant

CA(Calcium SA)

Ultra-hydrophilic surface that incorporates Ca ion and blocks surface pollution better compared to SA



CA	Treatment period			Implantable range				
	1 month	2 month	3 month	Strong bone	Normal bone	Weak bone		Bone strength by region
	4 - 6 weeks							
Normal implant	12 weeks							

* The period may vary depending on bone mass or the condition of the teeth.

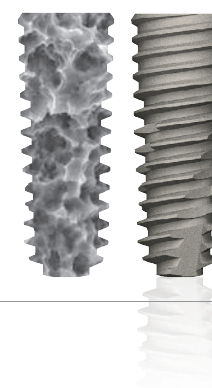


03

Good implant, Osstem

Main surface of Osstem implant

CA(Sand blasted with alimina acid etching) Surface with increased area touching the bone compared to the traditional implant



	Treatment period			Implantable range			Bone strength by region
	1 month	2 month	3 month	Strong bone	Normal bone	Weak bone	
SA	6 - 8 weeks			[Bar chart showing implantable range for SA in Strong, Normal, and Weak bone]			
	12 weeks			[Bar chart showing implantable range for Normal implant in Strong, Normal, and Weak bone]			

* The period may vary depending on bone mass or the condition of the teeth.



Number 1 in Asia · Pacific

Global implant chosen by our dentistry

Osstem Implant

Selecting a good implant is as important as finding a good dentist.

EU / AFRICA

GERMANY	UK	BULGARIA	KOSOBO
RUSSIA	DENMARK	PORTUGAL	GREECE
HUNGARY	POLAND	SPAIN	TURKEY
AUSTRIA	ROMANIA	FRANCE	TURKEY(HIOSSEN)
SWITZERLAND	AZERBAIJAN	GEORGIA	LITHUANIA
NORWAY	CZECH	ITALY	ALBANIA
SWEDEN	SLOVAKIA	CROATIA	SUDAN
FINLAND	SERVIA		

ASIA / OCEANIA / MIDDLE EAST

KOREA	MALAYSIA	INDONESIA
JAPAN	SINGAPORE	PAKISTAN
CHINA	INDIA	KUWAIT
TAIWAN	AUSTRALIA	U.A.E
VIETNAM	PHILIPPINES	SAUDI
KAZAKHSTAN	THAILAND	SYRIA
BANGLADESH	INDONESIA	IRAN

AMERICA

CANADA(HIOSSEN)	COSTA RICA
USA(HIOSSEN)	PERU
MEXICO(HIOSSEN)	CHILE

● Corporation ● Dealer
As of December 2012



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A dental office that uses Osstem Implant issues the certificate of authenticity.
You can receive post-treatment care anytime from any dental office that uses Osstem.

