Osstem Implant

Choosing the right implant

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2013
Choosing the right implant

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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.

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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.
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

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# Common knowledge about implant treatment

## Implant vs Bridge vs Denture

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

Treatment procedure and lifespan

Implant treatment procedure

Semi-permanent implant

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

**Missing one tooth**  |  **Maxillary incisor**

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Common knowledge about implant treatment

Missing one tooth | Mandibular molar
Common knowledge about implant treatment

**Missing one tooth | Narrow gap between teeth**
Common knowledge about implant treatment

Missing several teeth | Maxillary molars

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Missing all teeth | Fixed prosthetics

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Missing all teeth | Implant supported denture

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Common knowledge about implant treatment

In need to bone graft | Maxillary sinus

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Common knowledge about implant treatment

In need of bone graft | Mandible
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).

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Good implant, Osstem

Main surface of Osstem implant

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.
Good implant, Osstem

Main surface of Osstem implant

HA(Hydroxyapatite)  Premium surface coated with biocompatible material that’s similar to human bone

<table>
<thead>
<tr>
<th>Treatment period</th>
<th>Implantable range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 month</td>
<td>Strong bone</td>
</tr>
<tr>
<td>2 month</td>
<td>Normal bone</td>
</tr>
<tr>
<td>3 month</td>
<td>Weak bone</td>
</tr>
</tbody>
</table>

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

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**Main surface of Osstem implant**

**CA (Calcium SA)**
- Ultra-hydrophilic surface that incorporates Ca ion and blocks surface pollution better compared to SA.

### Treatment period & Implantable range

<table>
<thead>
<tr>
<th></th>
<th>Strong bone</th>
<th>Normal bone</th>
<th>Weak bone</th>
<th>Bone strength by region</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 month</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 month</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 month</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CA**
- 4 - 6 weeks

**Normal implant**
- 12 weeks

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

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</tr>
<tr>
<td></td>
<td>Bone strength by region</td>
</tr>
</tbody>
</table>

SA

- 6 - 8 weeks

Normal implant

- 12 weeks

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

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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.