Complete resorption and strong new bone formation
New bone formation of the alveolar cavity with the resorbable SinossGraft Cone

SinossGraft Cone is designed specifically for socket preservation in the anterior and posterior area. SinossGraft Cone is adapted for bone regeneration and, after extraction with difficult situations defect, especially in non-locking cavities. SinossGraft Cone help as a highly pure conical shaped bone graft material consisting of hydroxiapatite and ß-tricalcium phosphate to create new bone formation after tooth extraction (Socket Preservation). Both materials are resorbable. The 3-dimensional shaped SinossGraft Cone offers a safe and easy-to-use solution for simple and complex bone augmentation therapies after tooth extraction. It helps to maintain a long-term function and create health and esthetics of dentition and bone structure. The dosage form prevents migration of conventional granules. This makes SinossGraft Cone particularly appropriate for the treatment of extraction socket therapy (post-extraction ridge preservation).

• **Stability and resorption**: SinossGraft Cone consist of the 2 mineral phases that provides 1.) stability by hydroxiapatite and fast resorption by ß-tricalcium phosphate) helping to promote strong new bone formation.

• **Controlled resorption**: SinossGraft Cone releases calcium and phosphate ions helping to promote strong new bone formation.

• **Regenerates natural bone growth**: SinossGraft Cone is osteoconductive and provides micro and macroporous structures for dense new bone growth.

• **Tailor-made for the alveole**: SinossGraft Cone is available in 2 dimensions and can be easily tailored for clinical situations in the anterior and posterior area.

SinossGraft Cone improves the extraction therapy to promote future implant success.

Rebuilding of a solid bone formation

The high porosity of SinossGraft Cone leads to the stimulation when impregnated with the patient's blood, promote an in-depth colonization of the substitute by osteogenic cells with new bone formation becoming biologically fixed. SinossGraft Cone gradually releases calcium and phosphate ions to promote strong new bone formation. Within 3 to 6 months, depending on the patient physiology, SinossGraft Cone is replaced by newly formed dense bone capable of supporting future implants.

Stop Bone Loss • Help Bone Growth • Preserve Aesthetics • Cost-Effective Solution • Clinically Tested •

The composition of SinossGraft Cone consist of 75% hydroxyapatite (HA) and 25% beta-tricalcium phosphate (ß-TCP): It supports the formation of new vital bone and maintains the long volume and mechanical stability by HA and fast resorption by ß-TCP.
Interconnective and high porosity for a high new bone formation

The macro-porous structure of SinossGraft Cone ensures fast cell colonization for an optimal resorption and substitution. The macroporosity of SinossGraft Cone offers a fully interconnected structure similar to human cancellous bone and provides ideal environment for the ingrowth at a controlled rate. That very high porosity of SinossGraft Cone allows a rapid bone ingrowth throughout the pores. The product provides support without significantly limiting natural bone density. Microporosity of SinossGraft Cone within the HA/TCP structure assists the transfer of essential nutrients. A fully interconnected structure similar to human cancellous bone provides an ideal environment for the ingrowth of new bone and a high dimension stability. The total porosity of SinossGraft Cone is of up to 80%.

Socket Preservation with SinossGraft Cone

SinossGraft Cone is a concept of space maintenance by placing suitable shaped scaffold into the complete socket of the anterior situation to limit early collapse and allows remodeling of bone during socket healing of the complete alveole.

It differs from conventional methods as it provides stability and resorption to preserve the natural dimensions of the patient’s alveole form.
Advantages of SinossGraft Cone

<table>
<thead>
<tr>
<th>Ready-to-use</th>
<th>Stability and Resorption</th>
<th>Three dimensional matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintains the volume and creates new bone</td>
<td>Superior tissue tolerability</td>
<td>Rapid and simple application</td>
</tr>
<tr>
<td>Painless</td>
<td>Cost-effective</td>
<td>Easy-to-shape</td>
</tr>
</tbody>
</table>

Placement of SinossGraft Cone

Horizontal Placement

Diagonal Placement

Product specifications of SinossGraft Cone

<table>
<thead>
<tr>
<th>Code</th>
<th>Brand</th>
<th>Size</th>
<th>Quantity/unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>SinossGraft Cone</td>
<td>ca. height: 15mm; ca. diameter 6,0mm</td>
<td>1 piece</td>
</tr>
<tr>
<td>2011</td>
<td>SinossGraft Cone</td>
<td>ca. height: 15mm; ca. diameter 7,5mm</td>
<td>1 piece</td>
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</tbody>
</table>

Shelf life

The product is safe for 5 years. SinossGraft Cone is a medical device class III.