OsseoSpeed® Profile implants
- Clinical documentation

Unique implant design for sloped ridges
Following tooth extraction or tooth loss, natural bone remodeling occurs as the bone heals\(^1\). The remodeling is more pronounced buccally than lingually, which often results in a sloped ridge\(^2-4\). The OsseoSpeed Profile implant with its sloped shoulder, was developed to meet these demands\(^5\).

Clinical results
OsseoSpeed Profile implants have been evaluated in clinical multicentre studies, including over 300 implants followed up to 3 years, in both healed ridges and extraction sockets and show:

- High survival rates, ranging from 99.2% to 100%\(^6-9\)
- Preserved buccal and lingual bone levels\(^6-9\)
- Regain of keratinized mucosa in patients with compromised soft tissue (see figure)\(^9\)

![Graph showing width of keratinized mucosa (mm) over time](image)

<table>
<thead>
<tr>
<th>Time</th>
<th>Width (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-op</td>
<td>1.5</td>
</tr>
<tr>
<td>Prosthetic delivery</td>
<td>2.0</td>
</tr>
<tr>
<td>6 months</td>
<td>2.5</td>
</tr>
<tr>
<td>1 year</td>
<td>2.0</td>
</tr>
<tr>
<td>2 years</td>
<td>2.5</td>
</tr>
</tbody>
</table>

\(p < 0.001\)
\(p = 0.039\)

Clinical advantages with OsseoSpeed Profile implants
Scientific literature has shown several clinical advantages with the OsseoSpeed Profile implants in sloped ridge situations, such as:

- Stable soft tissue levels\(^6-9\) and good esthetic results\(^8,10\)
- Optimized 360° bone support\(^6-9\)
- Possibly reduced need for bone augmentation\(^11\)
References


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