Astra Tech Implant System®  
- Clinical documentation*

Well documented, reliable and safe
- More than 7,000 patients followed up to 16 years
- >98% implant survival rate at 5 years of follow-up
- ~0.3 mm bone loss at 5 years of follow-up

Four implant design features behind the clinical success
Since 1991, Astra Tech Implant System is based on 4 key features**:
- Moderately rough surface, e.g. OsseoSpeed since 2004
- Conical implant-abutment connection, Conical Seal Design
- Micro Thread on the implant neck
- Unique Connective Contour, i.e. horizontal offset

Portfolio of implant designs range from short (6 mm)¹-¹², narrow (3.0 mm)¹³-¹⁶ and sloped implant neck contour (Profile)¹⁷-²⁰ to OsseoSpeed EV cylindrical or conical neck designs²¹, all being well documented in the scientific community.

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<thead>
<tr>
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<th>&lt;5 years</th>
<th>5–9 years</th>
<th>&gt;10 years</th>
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<td>Single tooth</td>
<td>5, 7, 8, 13–15, 17, 18, 21–37</td>
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<td>Fixed prosthesis</td>
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<td>Peri-implantitis focus</td>
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<td>Patients evaluation</td>
<td>2, 12, 104–125</td>
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Astra Tech Implant System literature sorted per primary indication and scientific focus, and length of prospective follow-up period.

Conclusion
Extensive literature shows safe and predictable results for Astra Tech Implant System in terms of high implant survival rate and well maintained marginal bone.

* This Scientific Review on Astra Tech Implant System only cites articles based on prospective studies where ≥5 patients have been followed for ≥1 year with OsseoSpeed implants or ≥5 patients have been followed for >5 year with TiOblast implants

** For literature about the specific key features of Astra Tech Implant System, please see www.dentsplyimplants.com
References


References


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