

Astra Tech Implant System® – Clinical documentation*

Well documented, consistently reliable and safe

- More than 9,000 patients followed prospectively up to 20 years
- >98% implant survival rate at 5 years of follow-up
- ~0.3 mm bone level reduction 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**:

- OsseoSpeed surface since 2004 with 10 years of documented clinical follow-up
- Conical implant-abutment connection, Conical Seal Design
- MicroThread on the implant neck
- Unique Connective Contour, i.e. horizontal offset

Portfolio of implant designs range from short (6 mm)¹⁻¹⁸, narrow (Ø3.0 mm)¹⁹⁻²⁴ and sloped implant neck contour (Profile)²⁵⁻²⁸ to OsseoSpeed EV²⁹⁻³³, all being well documented in the scientific community.

	<5 years	5-9 years	>10 years
Single tooth	5, 7, 9, 13, 14, 16, 18-21, 25, 26, 29, 30, 34-58	17, 59-61	62, 63
Fixed prosthesis	1, 3, 8, 10, 11, 15, 31, 33, 64-78	79-84	85-93
Overdenture	4, 94-100	101-103	104, 105
Esthetic focus	22, 27, 28, 106-119	109	
Surgical focus	6, 32, 120-142	135, 143-145	
Peri-implantitis focus	146-148		149
Patients evaluation	2, 12, 150-161	162	

Astra Tech Implant System literature sorted per primary indication and scientific focus, and length of prospective follow-up period.

Conclusion

Extensive literature shows safe, consistent 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.dentsplysirona.com

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Dentsply Sirona Implants offers comprehensive solutions for all phases of implant therapy, including Ankylos®, Astra Tech Implant System® and Xive® implant lines, digital technologies, such as Atlantis® patient-specific solutions and Simplant® guided surgery, Symbios® regenerative solutions, and professional and business development programs, such as STEPPS™. Dentsply Sirona Implants creates value for dental professionals and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

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