

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.

	< 5 years	5-9 years	>10 years
Single tooth	5, 7, 9, 13-15, 17, 18, 21-37	38-40	
Fixed prosthesis	1, 3, 8, 10, 11, 41-53	54-57	58-63
Overdenture	4, 64-71	72, 73	74, 75
Esthetic focus	16, 19, 20, 76-88	79	
Surgical focus	6, 89-107	104, 108, 109	
Peri-implantitis focus	110-112		113
Patients evaluation	2, 12, 114-123		

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

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