

Xive® implant system - Clinical documentation

The Xive implant system was designed with flexibility and user-friendliness in mind. An intuitive surgical and prosthetic workflow coupled with a complete range of prefabricated and patient specific components gives a system that remains a faithful companion for both the first-time user and the expert.

Well documented, reliable and safe

- Long-term documentation with up to 15 years of follow-up¹⁻²⁰
- 98% implant survival rate at 10 years²⁻¹⁰
- Long-term prospective studies show predictable results for immediate loading⁹⁻¹²

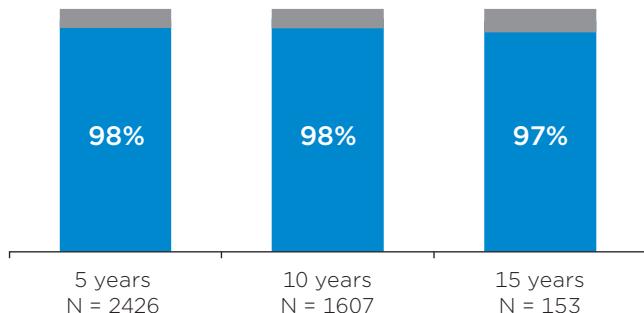


Fig. 1 Implant survival compiled from 19 long-term studies that report on survival¹⁻²⁰. N is the number of implants entering the studies and survival is measured on implant level.

A versatile and intuitive system with good primary stability

Three prominent features behind the clinical success:

- Friadent Plus surface gives early osseointegration^{21, 22}
- Platform switch supports preservation of bone levels²³⁻²⁵
- ActiveBoneControl™, designed for high primary stability

In multiple studies immediate loading of the Xive implant system shows predictable results^{9-12, 26-43}, which is supported by the fact that the Xive implant is routinely placed with good primary stability⁴³⁻⁴⁵.

Studies indicate that treatment with Xive implants is safe and predictable for a variety of indications such as: single-tooth restorations^{37-39, 46-52}, overdentures^{13, 14, 34} and fixed full/partial restorations^{27-33, 53-56} also with angulated implant placement^{51, 55}. There is also support for placement in extraction sockets^{39, 42, 43, 45-48, 57, 58} as well as grafted sites^{39, 46, 49, 58-62} including grafted sites in oncology patients^{63, 64}.

In narrow spaces, Xive 3.0 implants (\varnothing 3.0 mm), show good primary stability and predictable clinical outcome^{6, 13, 33, 37, 38, 45}.

Conclusion

Studies following more than 8000 implants in 3000 patients for up to 15 years show that the Xive implant system offers safe and predictable treatment outcomes with high implant survival rates in all loading situations.

To read more Scientific Reviews please see:
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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.

About Dentsply Sirona

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with a 130-year history of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. As The Dental Solutions Company™, Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dentistry. Dentsply Sirona's global headquarters is located in York, Pennsylvania, and the international headquarters is based in Salzburg, Austria. The company's shares are listed in the United States on NASDAQ under the symbol XRAY.

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