

Xive[®] implant system – Clinical documentation

Xive is a dental implant system from Dentsply Sirona that provides flexibility, smartness and user-friendliness. It enables efficient workflows while ensuring reliability for both the first-time user and the expert.

Well documented, reliable and safe

- Long term documentation with up to 15 years of follow-up¹⁻²¹
- 98% implant survival rate at 10 years^{1, 2, 4, 7, 13, 15-17, 22, 23}
- Long-term prospective studies show predictable results for immediate loading^{6, 7, 13, 20}

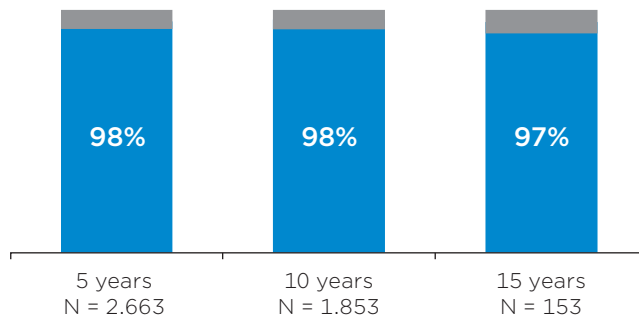


Fig. 1 Implant survival compiled from 21 long-term studies that report on survival¹⁻²¹. N is the number of implants entering the studies and survival is measured on implant level.

A versatile and intuitive system with good primary stability

There are three prominent features behind the clinical success:

- Friadent Plus surface for early osseointegration^{24, 25}
- Platform switch for preservation of bone levels^{8, 26, 27}
- Implant thread design in combination with the surgical preparation technique designed for high primary stability

Immediate loading of Xive implants shows predictable results in multiple studies^{6, 7, 13, 20, 28-45}, which is supported by the fact that the Xive implant is routinely placed with good primary stability⁴⁵⁻⁴⁷.

Studies indicate that treatment with Xive implants is safe and predictable for a variety of indications, such as single-tooth restorations^{39-41, 48-54}, overdentures^{10, 12, 36} and fixed full/partial restorations^{29-35, 55-59} including angulated implant placement^{33, 57}. There is also support for placement in extraction sockets^{41, 44, 45, 47-50, 60, 61} as well as grafted sites^{41, 48, 51, 61-66} including grafted sites in oncology patients^{67, 68}.

In narrow spaces, Xive 3.0 implants (Ø 3.0 mm) show good primary stability and predictable clinical outcome^{35, 39, 40, 47}.

Conclusion

Studies following more than 9,900 implants in 3,600 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:
dentsplysirona.com/implants/science

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