



Straumann – a reputation built on science

As a result of a long history of adherence to science, the Straumann® Dental Implant System is one of the most extensively and longest documented dental implant systems in the world. By committing significant resources to scientific advancement in implant dentistry and the transformation of scientific findings into superior products, our customers can rely on each of our products to meet their expectations.

- More than 3,000 articles published on the Straumann® Dental Implant System.
- More than 30 years of clinical documentation on implants.

Straumann's innovation philosophy translates to the promise that every new feature, innovation, or product will have a positive impact and a meaningful benefit for clinicians. We measure our innovation quality by its successful long-term clinical validation. Ultimately, our customers can trust that our standard of predictable, reproducible, long-lasting and favorable outcomes is built into everything we do. By listening to and welcoming our customers' challenges, we accomplish improvements that make implant dentistry easier while expanding treatment effectiveness. These improvements in reliability, simplicity, and versatility ultimately benefit the care and safety of patients.

Straumann innovations in brief

- 1974: The Straumann® Dental Implant System initiates the one-stage surgical procedure, the rough implant surface and an implant design which respects biologic width, thereby improving long-term predictability and patient comfort of implant treatment.
- 1986: Introduction of the Morse taper connection to ensure a mechanically locking friction-fit.
- 1997: Straumann is the first company to introduce a macro- and micro-textured rough surface, SLA® (sand-blasted, large grit, acid-etched), cutting the time required for implant osseointegration by half.
- 2001: The acquisition of Kuros Therapeutics marks the beginning of Straumann's commitment in the field of biomaterials.
- 2003: The acquisition of Biora (lead product Emdogain®) is a further important step in building Straumann's biomaterials technology and product portfolio.
- 2005: Straumann launches SLActive®, the first chemically active implant surface with hydrophilic properties, setting new standards in implant dentistry by reducing healing times by half, to just 3 to 4 weeks.
- 2007: The acquisition of etkon, an emerging leader in CAD/CAM tooth restoration, creates a unique partnership in the dental sector offering surgical, restorative and regenerative solutions from bone augmentation to individualized crowns and bridges.
- 2007: Straumann launches new generation Bone Level Implant in Europe and North America which offers unparalleled simplicity and flexibility: one system, one instrument kit, and same procedures. At launch, more than 1500 implants had already been clinically documented in over 800 patients by more than 130 centers around the world. At least 500 implants had been followed for more than 6 months. A selection of the studies as well as other pertinent data have been summarized in a [Scientific Fact Sheet – Straumann® Bone Level Implant](#).



To view one of our Straumann® Bone Level Implant movies, please click one of the following links:

- [CrossFit Connection™](#)
- [Consistent Emergence Profiles™](#)
- [Bone Control Design™](#)

Unique partnership with the ITI

Straumann's dedication to scientific quality shows in our partnership with the International Team for Implantology (ITI), an independent, international network of leading clinicians and researchers. In 1980 Dr. (hon.) Fritz Straumann, Prof. André Schroeder and a further ten enthusiasts established the ITI with the objective of advancing developments in this field. Nowadays, the ITI and Straumann constitute a unique symbiosis of research expertise and industrial know-how. In a complex field such as implant dentistry, interdisciplinary research and cooperation are the keys to success. Today, the ITI's more than 532 fellows and 4350 members from over 60 countries collaborate in the disciplines of surgery, dentistry, metallurgy, physics, and dental technology. Besides the study of implant dentistry, the ITI also focuses on experimental research and exchanges of scientific experience. The results of the ITI's research are incorporated straight into Straumann product developments.

André Schroeder Research Prize

True to its conviction that, "Medical research needs independence, open space and opportunities for discussion," the ITI awards the annual André Schroeder Research Prize, which is worth 20,000 Swiss francs in cash. The prize serves to promote new scientific findings in implant dentistry, oral tissue regeneration and related fields. The Prize is adjudicated by the independent Research Committee of the ITI and is sponsored by Straumann. First awarded in 1992, the André Schroeder Research Prize is presented in honor of the late Professor Schroeder, who pioneered implant dentistry and whose life's work contributed greatly to modern dentistry.

Previous prize winners

Dieter Weingart (1992), Franz Sutter (1993), Daniel Buser (1995), David Cochran (1996), Joachim Hermann (1997), Siegfried Heckmann (1998), Alexandra Behneke (2000), Leif Persson (2001), Lisa Mayfield (2002), Yuelian Liu (2003), Michael Hänggi (2004), Xiaolong Zhu (2005), Karthikeyan Subramani (2006) and Frank Schwarz (2007).

Screening for innovations

At Straumann, ideas for products and research cooperation are evaluated in an internal screening process. Thus, highly interesting partnerships continuously develop.

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