

## Supporting the full implant treatment process – from planning to final restoration

**With the comprehensive Dentsply Sirona Implants solutions portfolio, dental professionals can rest assured that they have the support they need for the full implant treatment process to restore function, esthetics and confidence to their patients.**

**Mölnadal/Salzburg, March, 21, 2017.** The implant treatment process contains many steps—from imaging and diagnosis, treatment planning and implant surgery to abutment selection, restorative solutions and patient follow-up. At IDS, Dentsply Sirona Implants presents several new solutions to their already extensive portfolio to further support dental professionals in their daily work.

### Implant solutions – The SmartFix concept

SmartFix is a treatment concept that can provide edentulous patients with an immediate fixed, full-arch prosthesis, supported by only four implants. The SmartFix concept includes an angulated abutment that comes together with a short and flexible abutment holder for easier handling. The option of angulating the screw access channel through the prosthesis opens up for ideal esthetics and function.

This concept is an easy and cost-effective treatment that offers improved treatment satisfaction for the patient and practice growth for the dental professional. SmartFix is now available for the Astra Tech Implant System EV product line, including Profile EV. SmartFix is already available for Xive and Ankylos implant systems.

### For less bone augmentation

Almost 40% of all implant sites present with a sloped alveolar ridge after healing. The OsseoSpeed Profile EV implant (Astra Tech Implant System) is a uniquely shaped, patented implant specifically designed for just this clinical situation. It is designed to follow the natural shape of the bone, supporting the soft tissue by preserving marginal bone 360 degrees around the implant. In addition, it can help to eliminate the need for bone augmentation procedures; 58% of all sloped implant sites have a reduced need for augmentation when using the OsseoSpeed Profile implant.\*<sup>1</sup>

Newly published results on OsseoSpeed Profile implants show bone preservation, increased soft tissue volume and regain of keratinized mucosa in patients with compromised soft tissue conditions. PD Dr.

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<sup>1</sup> Reference: Schiegnitz E, Noelken R, Moergel M, Berres M, Wagner W. Survival and tissue maintenance of an implant with a sloped configured shoulder in the posterior mandible—a prospective multicenter study. Clin Oral Implants Res 2016;E-pub May 13, doi:10.1111/clr.12869. Dentsply Sirona Implants customer survey Austria, Germany, North America, Switzerland; data on file.

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### 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. Visit [www.dentsplysirona.com](http://www.dentsplysirona.com) for more information about Dentsply Sirona and its products.

Robert Nölken, co-author of the study, explains: “We have seen a great deal of improvement on the peri-implant soft tissue in our research follow-up. This allows us to achieve a good esthetic outcome for patients with thin biotypes.” This prospective, 2-year follow-up, multicenter study investigates OsseoSpeed Profile EV implant survival rate, soft and hard tissue maintenance following placement in healed sites of the posterior mandible. (twenty-four centers, 184 patients and 238 implants are included in the study).

### **Digital supported screw-retained solutions**

The Atlantis CustomBase solution combines an Atlantis Abutment and an Atlantis Crown with a screw access hole. The crown is cemented to the abutment extra orally and then all is screw-retained into the implant, avoiding potential complications caused by excess cement. The crown can be designed in the customer's own software by ordering a unique digital file, with the screw hole indicated.

Since the Virtual Atlantis Design (VAD) software takes the edentulous space with surrounding teeth and soft tissue anatomy into consideration, the Atlantis CustomBase solution is a premium single-tooth screw-retained solution providing patient-specific design of core height and optimized retention and design. This provides a result that replicates natural tooth function and esthetics. Moreover, the Atlantis Custom Base solution provides customized emergence profile for enhanced soft-tissue management and placement of material junction considering biological principles. The Atlantis CustomBase solution is available for single-tooth, screw-retained restorations on all major implant systems.

The upcoming integrated connectivity between Atlantis WebOrder and Sirona Connect SW will make the ordering of all Atlantis abutments solutions easy accessible for the CEREC Omnicam users. The digital impression is taken with either a ScanPost or an Atlantis IO FLO.

### **Planning Service by mySimplant**

With mySimplant Planning Service, the clinician has easy access to the benefits of computer guided implant treatment. Using computer guided implant treatment through mySimplant Planning Service the clinician will have more time to focus on and treat patients. This new outsourcing service from Dentsply Sirona Implants gives clinicians the possibility to rely on an experienced partner to build and grow their business while still staying in control of the treatment planning, and most importantly, without compromising the treatment outcome.

mySimplant Planning Service can ease the clinicians' way into the world of implant treatment, as well as facilitate the planning and treatment of their more complex cases.

*\* Reference: Schiegnitz E, Noelken R, Moergel M, Berres M, Wagner W. Survival and tissue maintenance of an implant with a sloped configured shoulder in the*

*posterior mandible-a prospective multicenter study. Clin Oral Implants Res 2016;E-pub May 13, doi:10.1111/clr.12869.*

*Dentsply Sirona Implants customer survey Austria, Germany, North America, Switzerland; data on file.*

*Due to various certification and registration periods, not all products are immediately available in all countries.*

**Dentsply Sirona at the IDS 2017:**

Hall 11.2, Stand K-030



## IMAGES



Fig. 1: The SmartFix concept



Fig 2: Atlantis CustomBase solution



Fig.3: OsseoSpeed Profile EV implant



Fig.4: mySimplant Planning Service