

# Implant treatment with Dentsply Sirona: integrated solutions for efficient workflows and reliability

**Dentsply Sirona continues to implement "integrated implant dentistry", where digitally supported workflows and harmonized products and processes ensure efficient and reliable treatment outcomes. The company's extensive expertise in implant dentistry gives dental professionals support and confidence in all areas of the workflow.**

**Bensheim/Salzburg, March 23, 2017.** Dentsply Sirona's integrated solutions for implant dentistry enable dental professionals to deliver safer and more efficient treatment processes as well as increased comfort and improved quality of life for their patients. The merger between DENTSPLY and Sirona has brought together two companies with long-term expertise in their respective fields, providing innovative and clinically tested technology, equipment and material. Dentsply Sirona can offer both the general practitioner and the implant specialist fast and safe solutions that fit perfectly with their clinical needs and workflows.

Research and documentation together with continuous feedback from clinicians form the foundation for integrated solutions. This comprehensive offer of integrated solutions for implant dentistry ranges from imaging systems for diagnosis and treatment planning to computer guided surgery for the correct and safe placement of implants for different indications. Bone augmentation materials and procedures for optimal bone support are also available. With a variety of CAD/CAM patient-specific restorative solutions, the final step in the workflow, i.e. prosthetic reconstruction, provides a result that meets functional and esthetic demands in an optimal way for each given situation. Which material and method the clinician decides to use depends on personal preference, treatment indication, and the needs and wishes of the patient.

### Safe processes for every treatment approach

One key advantage of integrated implant dentistry with guided surgery is the high degree of safety. This is the result of the combination of Dentsply Sirona products which have been tried and tested at every individual step along the workflow with high-quality imaging provided by the Galileos and Orthophos 3D CBCTs. Combining X-ray data with data from digital impressions forms the basis for virtual implant planning and for inserting the implant with the aid of surgical guides. To meet every requirement, different workflows have been developed: mySimplant for dentists with a strong outsourcing focus, SICAT surgical guides or Simplant Guides for dentists who do the planning themselves but want the guides to be centrally produced, or CEREC Guide 2 for dentists who like to do everything fully in-house. As Jörg Haist, Director of Imaging Systems Product Management at Dentsply Sirona, puts it, "Planning the implant

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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 comprehensive solutions 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.

treatment and using drill guides increases safety for surgery. Even experienced users rely increasingly on this technical support, especially for complicated patient cases, so that every anatomical aspect is taken into account."

### **Maximum flexibility in implant solutions**

Dentsply Sirona offers implant systems and procedures for all indications. With different types of macro- and micro-design and connective geometries, these products are set apart by a high degree of mechanical and biomechanical durability and by outstanding long-term clinical results. The Astra Tech Implant System EV has been specially optimized for digital workflows and hence fits perfectly into digital work processes. SmartFix is a treatment concept in which edentulous patients are fitted immediately with a full-arch fixed prosthesis supported by only four implants. The SmartFix concept offers the possibility to place and restore tilted implants with immediate and well supported temporary restorations without prior bone augmentation. This is particularly beneficial in edentulous jaws with reduced bone substance. The concept is available for all Dentsply Sirona's implant systems: Ankylos, Astra Tech Implant System and Xive.

With Symbios Bone Regenerative solutions, the clinician has access to a wide range of bone augmentation materials, membranes, and instruments.

The implant insertion itself is supported by the integrated "Implant" function in the Teneo and Sinius treatment centers: The rotational speed and torque of the motor and the parameters of the NaCl pump can be easily set via the display. Selected therapy treatment steps can also be programmed via the display.

The innovative SiroLaser Blue can be used to manage soft tissue during implant therapy. The blue laser light ensures fast coagulation, a reduction of germs and bacteria, and better wound healing with less postoperative pain.

In addition, the many different prosthetic treatment options offer a great deal of flexibility. Thanks to CEREC, both abutments (with corresponding TiBase) and crowns can be produced chairside in just one visit.

"Integrated solutions with CEREC are reducing treatment sessions and treatment time," says Roddy MacLeod, Group Vice President of CAD/CAM Systems at Dentsply Sirona. "CEREC's single-visit philosophy supports faster placements of implants, abutments, and even immediate placement of temporaries. This brings the number of treatment sessions and the overall time down considerably, allowing patients to say 'yes' to treatment plans and allowing doctors to maximize practice efficiency."

With customized Atlantis solutions, Dentsply Sirona offers restorations in an interactive process with the treatment team. Abutments, crowns and suprastructures are available for all common implant systems and present a combination of strength, simplicity and unique design options.



Atlantis is the true individual concept that delivers outstanding esthetic results. Lars Henrikson, Group Vice President for Implants at Dentsply Sirona, explains: "As we continue to integrate the full range of products and solutions from within our collective Dentsply Sirona business units, we are creating a workflow that allows the clinician to go through the treatment process with simplicity and efficiency. These integrated solutions are setting new standards for the future of implant dentistry with the precision and predictability that they help to ensure."

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

### **Dentsply Sirona at the IDS:**

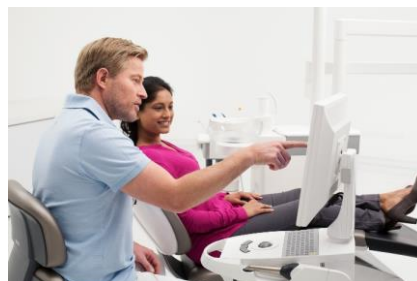
Halls 10.2 & 11.2

## **IMAGES**

are available for [> Download](#) on the website.



*Fig. 1: Thorough planning of implant treatment makes it safer for both the practitioner and the patient. Dentsply Sirona has harmonized all workflows in this field.*



*Fig. 2: Digital impressions and the CAD/CAM-supported production process for restorations mean that a patient's treatment can be completed in fewer sessions.*

