

Dentsply Sirona Implants unveils two innovations in implant dentistry —Azento and Acuris

Azento and Acuris, two new groundbreaking solutions from Dentsply Sirona Implants that are now available in Europe, help implant dentistry professionals with one of their most common indications—single tooth replacement.

Cologne, March 15 2019. With innovation and science at its core, Dentsply Sirona Implants brings the latest in implant dentistry to the world's largest dental fair, IDS, in Cologne, Germany. The innovations are developed around the well-documented and clinically proven implant systems—Astra Tech Implant System, Ankylos and Xive—that provide long-term functional and esthetic solutions for many clinical situations and patients worldwide.

“When we develop new implant therapy solutions, it is important that they meet the clinical needs of dental professionals. We are very excited to be here at the IDS and show the dental community how Azento and Acuris can push the boundaries in implant dentistry and how our long-term, documented implant systems really make the difference. With our solutions, the clinic and laboratory teams are able to solve the challenges that arise every day,” says Gene Dorff, the recently appointed Group Vice President of Dentsply Sirona Implants.

Azento—streamlining the implant workflow

Azento is the latest digital implant workflow solution from Dentsply Sirona Implants that streamlines the implant planning, purchasing and delivery for single tooth replacement. For the clinician, this custom implant solution increases convenience, seamlessly and efficiently connects with qualified laboratories, and enables consistent, excellent results for patients.

The clinician scans the patient and uploads the order. He/she will then receive a precise, customized digital treatment plan based on the patient's digital scans submitted through the Azento case management portal. After approving the Azento treatment plan, all components and instruments necessary to complete the implant treatment—including a surgical guide, a dental implant (Astra Tech Implant System or Xive) and custom healing abutment—are shipped within five business days.

The Azento case management portal then enables seamless uploading of core files for laboratory partners that they need to create custom final restorations without requiring them to scan cases. This digital workflow improves efficiency and the ability to deliver quality restorations.

With Azento, Dentsply Sirona Implants provides a solution to unlock digital dentistry by offering a streamlined custom implant solution that enables excellent results and benefits for the clinic, the laboratory, and most importantly, the patient.

Press Contact

Global

Kerstin Wettby
Senior Manager
Global Marketing Communication & PR

Dentsply Sirona Implants
Aminogatan 1
SE-43121 Mölndal, Sweden
Phone: +46 705 16 32 02

kerstin.wettby@dentsplysirona.com

About Dentsply Sirona Implants

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 CAD/CAM 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. Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.

Acuris—redefining fixed retention

Acuris represents the best of two worlds: a retention that is removable for the dentist but fixed for the patient. Acuris is based on a conometric concept that uses friction instead of a screw or cement to secure the crown and the cap to the abutment in the final prosthetic part of the implant treatment. Previously released for Ankylos, it is now available for Astra Tech Implant System and Xive.

This new solution saves time, improves predictability and ensures high-quality end results in the clinic, while improving the workflow in the lab. With Acuris, placing the final crown takes seconds rather than minutes—you only need to click once to place the crown with the unique Fixation Tool. Additional benefits include reduced risk of complications and easier maintenance.

R&D studies have shown that the conometric connection of the tested samples maintains its stability over time under cyclic loading, with no effect of wear detected. In addition, Acuris and the conometric mode of retention are able to withstand lateral forces that are deemed to occur mainly in the anterior region (incisors).

Acuris includes abutments with different angulations, it is available for all three implant systems—Astra Tech Implant System, Ankylos and Xive—from Dentsply Sirona Implants, and can be used in all positions in the mouth.

Due to different approval and registration times, not all technologies and products are immediately available in all countries.

IMAGES

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Fig. 1: Azento is a digital implant workflow solution that streamlines the implant planning, purchasing and delivery for single tooth replacement.



Fig. 2: Acuris is based on a conometric concept that uses friction instead of a screw or cement to secure the crown and the cap to the abutment in the final prosthetic part of the implant treatment.

