



Astra Tech Implant System®

# Our world is not flat

Neither is the anatomy of your implant patients

—OsseoSpeed® Profile EV for sloped ridge situations



## OsseoSpeed® Profile EV

—Discover a new solution for sloped ridge situations

When humans realized the earth was round, it gave them the courage to break through established boundaries and explore a world of exciting new possibilities.



### Conventional approach



Implant neck is exposed buccally when a flat-top implant is placed at the lingual bone level.



Unsupported lingual marginal bone is lost when a flat-top implant is placed level with the buccal bone.

### Innovative approach



OsseoSpeed Profile EV is level with both the buccal and lingual marginal bone, preserving soft tissue esthetics.

# It's time to challenge conventional thinking

Traditionally, using a flat-top implant in sloped ridges means choosing between buccal and lingual marginal bone preservation and esthetics. With the innovation of OsseoSpeed Profile EV, you can move to the next level of patient-focused, implant therapy and achieve greater efficiency without compromise.



## Maximize existing hard and soft tissue

Provides 360° bone preservation while maintaining soft tissue esthetics.



## Reduce the need for augmentation

Saves time and costs by reducing the need to augment and manipulate the implant site.



## Increase case acceptance

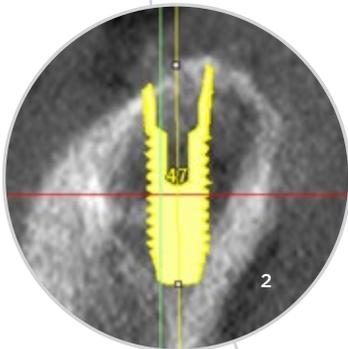
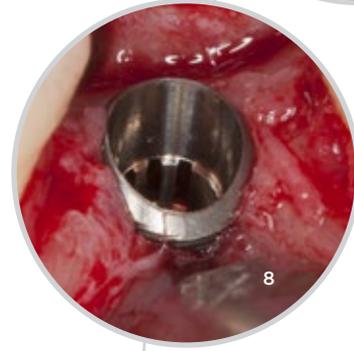
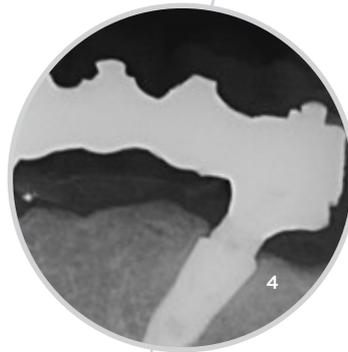
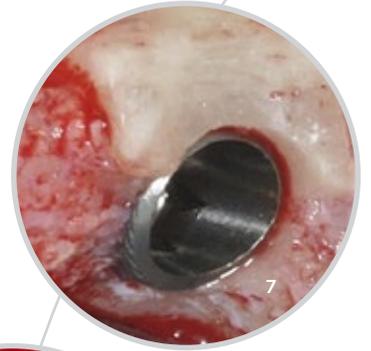
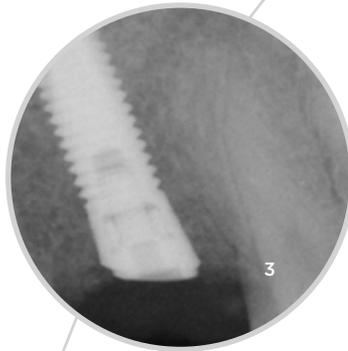
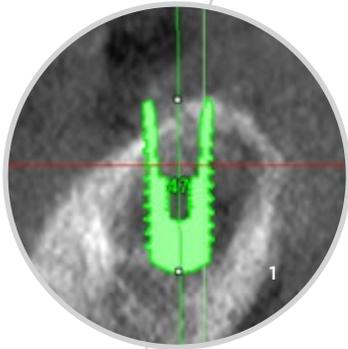
Helps to address patient concerns regarding pain and treatment time.

**Because our world is not flat  
—sloped ridge situations call for anatomically-designed sloped implants.**

Learn more



[www.profiledentalimplants.com](http://www.profiledentalimplants.com)



**Conventional  
versus  
innovative approach**

- Courtesy of:  
1-2. Dr. Gido Bornemann, Germany.  
Planning images from SIMPLANT software.  
3. Dr. David Barack, USA. Distally sloping alveolar crest.  
4. Dr. Marco Toia, Italy. Tilted implant positions.  
5. Dr. Barry Levin, USA. Distally sloping alveolar crest.  
6. Dr. David Barack, USA. Distally sloping alveolar crest.  
7. Dr. Homa Zadeh, USA. Palatally sloping bone after grafting procedure  
8. Dr. Christian Mertens, Germany. Narrow alveolar crest in the posterior mandible.  
9. Dr. Robert Nölken, Germany. Sloped alveolar crest in posterior mandible.  
10. Dr. Homa Zadeh, USA. Immediate implant placement.

“Every day, we fight to keep millimeters of bone. With OsseoSpeed Profile EV, it is now an easier battle to win.”

Dr. Gido Bornemann, Germany

# Maximize existing bone

## Why lose valuable bone?

When using a flat top implant in a sloped ridge, the existing bone is often flattened or left unsupported, resulting in resorption over time.

## Let the implant follow the bone

With OsseoSpeed Profile EV, you can leverage the unique implant design to follow the natural contours of the sloped anatomy and maximize the existing bone, for optimized esthetics and marginal bone preservation.

**Because our world is not flat  
—every millimeter counts.**



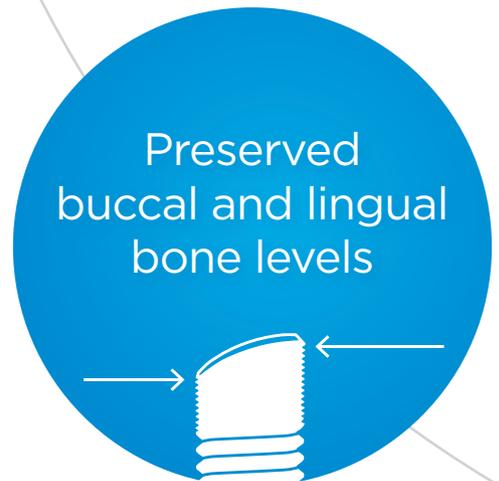
1. Customer survey Austria, Germany, North America, Switzerland; data on file.

# Scientifically documented

## 360° bone preservation with OsseoSpeed® Profile EV

Preserving the buccal and lingual marginal bone in a sloped ridge situation positively influences mesial and distal marginal bone levels, which, in combination, optimizes soft tissue esthetics. This is what we mean by 360° bone preservation in sloped ridge situations.

OsseoSpeed Profile implants are being evaluated in ongoing studies.<sup>1-3</sup>



As an integral part of the Astra Tech Implant System EV, OsseoSpeed Profile EV is supported by the unique **Astra Tech Implant System BioManagement Complex**, well documented for its long-term marginal bone maintenance and esthetic results.



**OsseoSpeed®**  
- more bone more rapidly

**MicroThread™**  
- biomechanical bone stimulation

**Conical Seal Design™**  
- a strong and stable fit

**Connective Contour™**  
- increased soft tissue contact zone and volume

1. 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.  
2. Noelken R, Donati M, Fiorellini J, et al. Soft and hard tissue alterations around implants placed in an alveolar ridge with a sloped configuration. Clin Oral Implants Res 2014;25(1):3-9.  
3. Noelken R, Oberhansl F, Kunkel M, Wagner W. Immediately provisionalized OsseoSpeed Profile implants inserted into extraction sockets: 3-year results. Clin Oral Implants Res 2015;E-pub Aug 24, doi:10.1111/clr.12651.

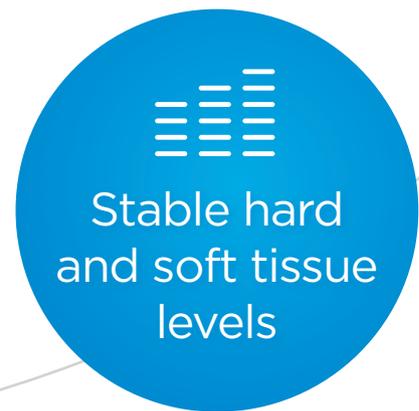
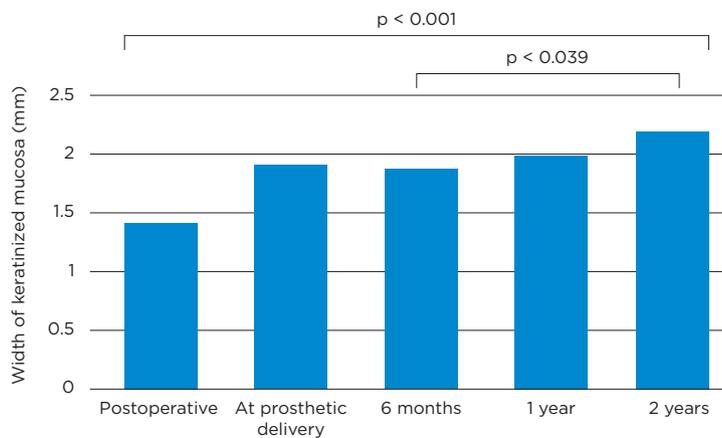
“We have seen a great deal of improvement on the peri-implant soft tissue in our research follow-up. This allows us to achieve a good esthetic outcome for patients with thin biotypes.”

PD Dr. Robert Nölken, Germany

# Proven esthetics

## Regain of keratinized mucosa in patients with compromised soft tissue conditions

A prospective 2-year, multi-center study shows a statistically significant increase in the width of keratinized mucosa in patients with compromised soft tissue (width  $\leq$  2 mm at the postoperative visit).<sup>1</sup>



Implant placement



Prosthesis delivered at 5 months



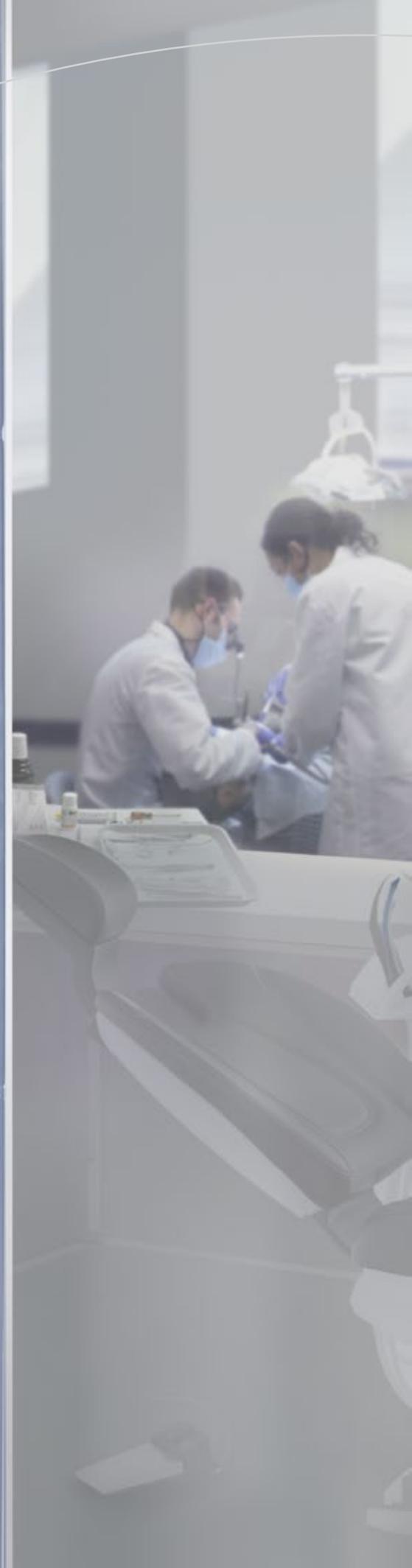
1-year follow-up



3-year follow-up

Clinical photos courtesy of PD Dr. Robert Nölken, Germany

1. 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.



“Profile implants have worked very well over the past five years I have used them. Because of the slope of the implant platform, I have had to perform less alveoplasty or bone graft to reconstruct those sites.”

Dr. Homa Zadeh, USA

# Manage risk and reduce complexity

## Your world is already full of clinical challenges

For sloped ridge situations, are you spending time on site reconstruction, alveoplasty procedures, local or horizontal bone augmentation to accommodate a flat-top implant? How do you manage the additional considerations for high risk patients who are in need of these procedures?

## Avoid unnecessary augmentation

Instead of adapting the bone to the implant, the OsseoSpeed Profile EV is uniquely designed to follow the natural bone slope, which can help to eliminate the need for bone augmentation procedures.

**Because our world is not flat  
—Challenge conventional procedures.**

Of all sloped  
implant sites

**58%**

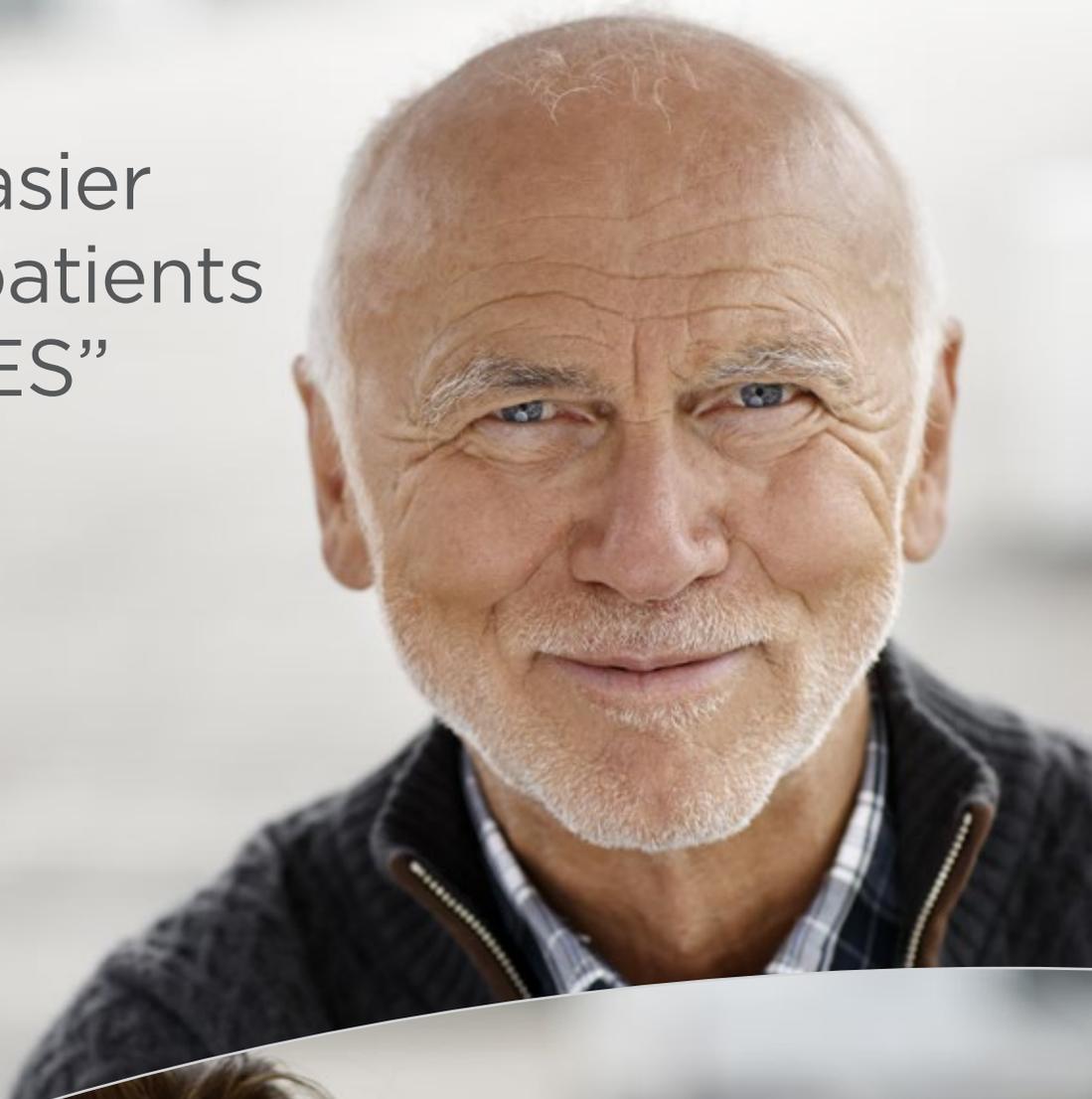
have a reduced need for  
augmentation by utilizing  
the OsseoSpeed Profile  
implant<sup>1</sup>

1. Customer survey Austria, Germany, North America, Switzerland; data on file.

# Make it easier for your patients to say “YES”

“I am really happy that my doctor could provide me with a simpler treatment solution despite my medical history and the medications I’m taking.”

- Paul, 67



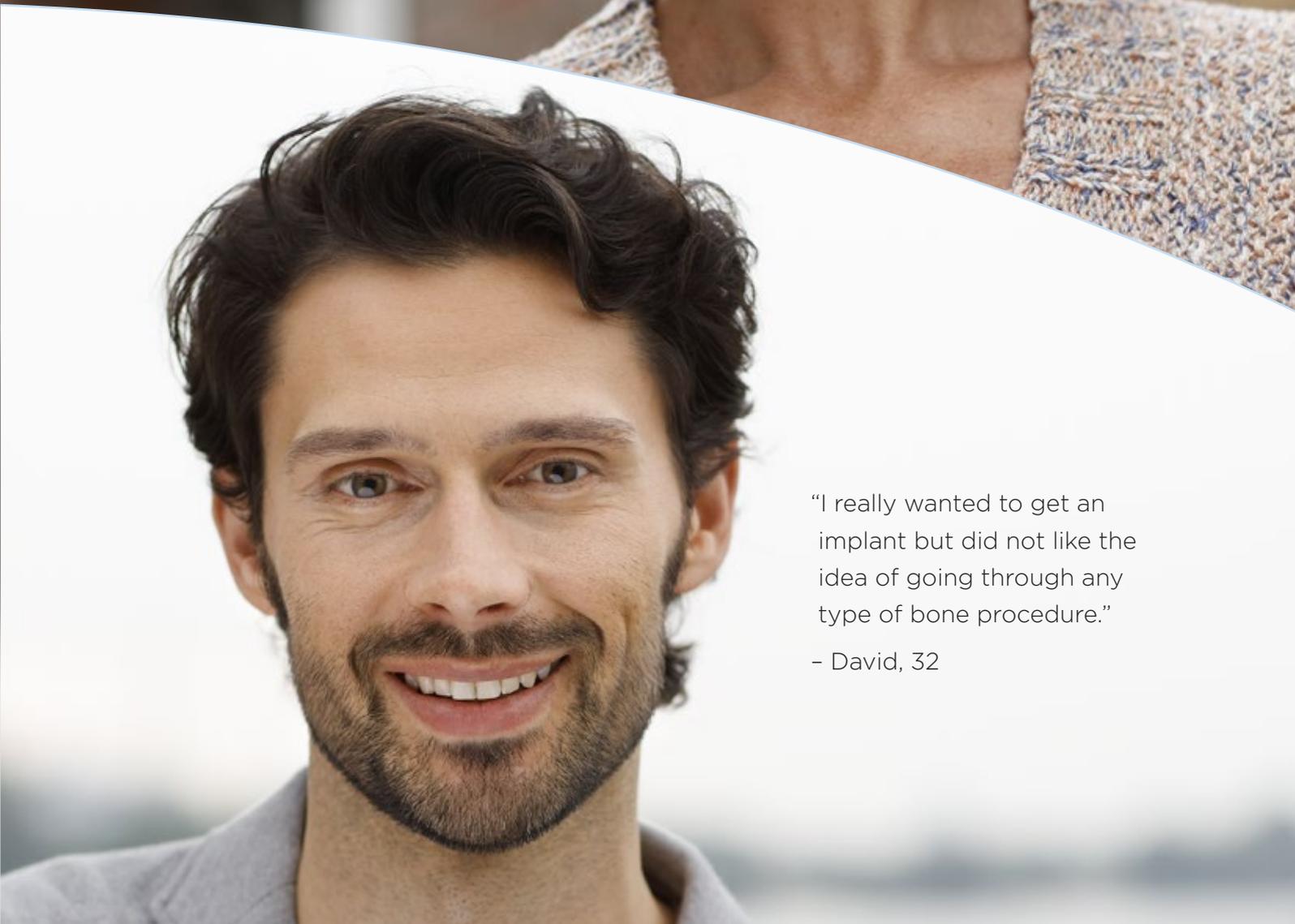
“To accommodate my busy work schedule I needed a solution that required fewer appointments and still gives me a great result.”

- Anna, 40



“I don’t like the thought of surgery in general, so it was important that the procedure be as easy and gentle as possible.”

- Martha, 52



“I really wanted to get an implant but did not like the idea of going through any type of bone procedure.”

- David, 32

# Simplicity and flexibility



## Wide range of implant options

Available in straight and conical implant designs in 8-17 mm lengths.



## Supported by the full range of digital solutions

From planning to the final restoration, offering the possibility of working with a completely digital workflow.

## Supporting a procedure-based workflow

Easily adaptable tray for clinical preferences to ensure only the needed instruments are at hand and efficient use of autoclaves.



“With the new one-position feature and new impression copings, the prosthetic part of the treatment is simplified.”

Dr. Marcus Dagnelid, Sweden



What's easier than one-position-only?



**One-position-only\* placement of all indexed components**

The unique one-position-only placement makes the entire treatment procedure simple and predictable, from implant placement to the connection of the final abutment.



**Self-guiding\* impression components for an accurate and predictable workflow**

This innovative design provides a time-efficient installation procedure and a predictable workflow between the clinician and dental technician.

\*Patent pending



# Challenge conventional thinking for restored happiness

In addition to replacing just their missing tooth, implant patients want restored esthetics and function so they can eat, speak and smile with confidence.

By providing implant therapy, you have already defied the practice of conventional dentistry. It's now time to embrace a new perspective because sloped-ridge situations call for anatomically designed sloped implants.

Achieve esthetics and greater simplicity for restored quality of life for both you and your patients.

IMPLANTS AND  
COMPONENTS



LIFETIME

ZIRCONIA



5 YEARS

INSTRUMENTS



3 YEARS

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