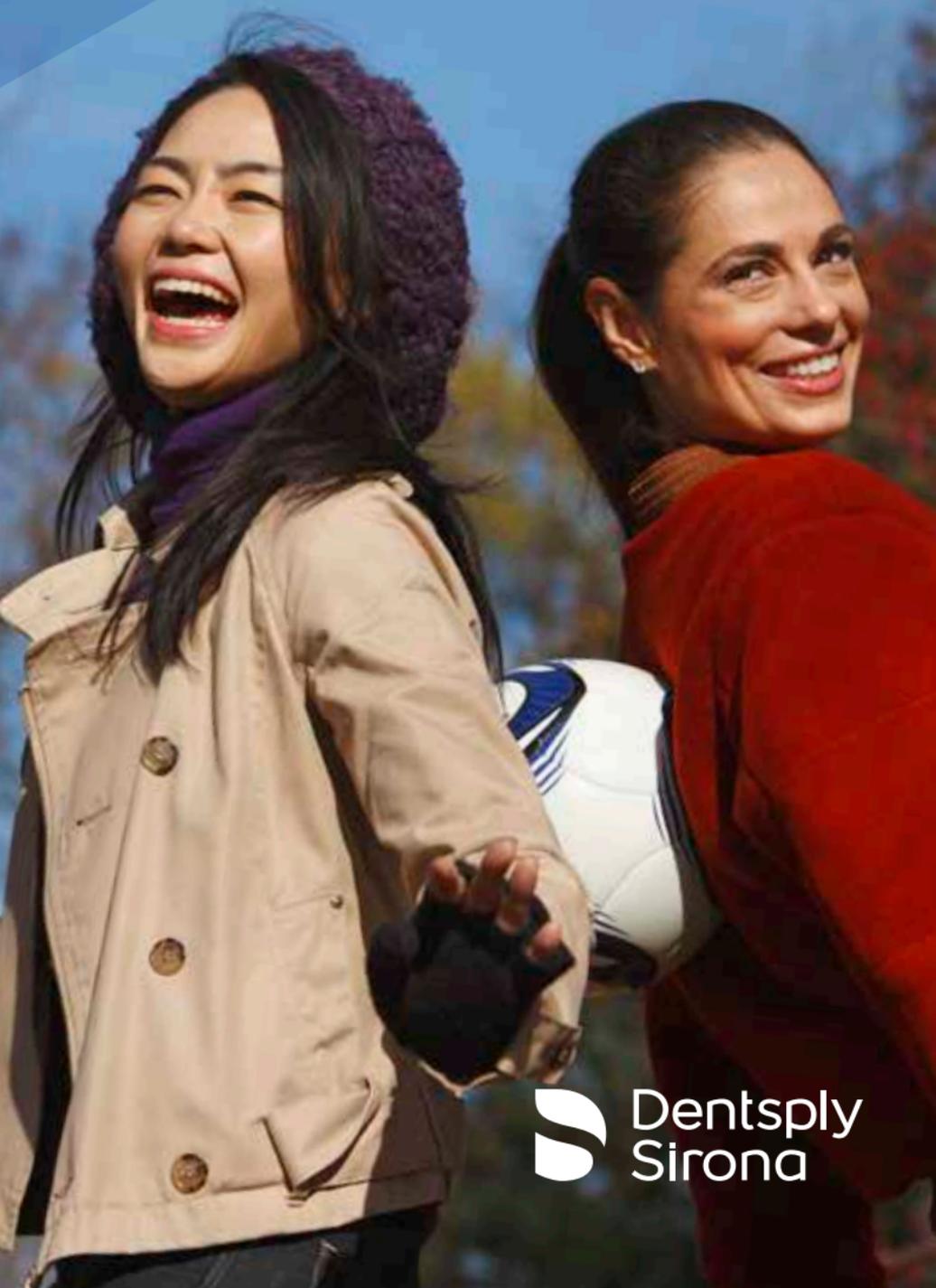


# Implants for life

Computer-guided implantology:  
Security & comfort



 Dentsply  
Sirona

## Computer-guided implantology

Digital technologies already shape our daily lives and set new quality and performance standards in many areas.

Digital technologies are also increasing in importance in dentistry: with the aid of low-radiation digital diagnostics it is possible to get a very precise idea about the course of treatment prior to surgery.

Three-dimensional (3D) technologies already allow descriptive explanation and optimal planning of surgical interventions prior to treatment, thus enabling them to be performed as atraumatic as possible.

State-of-the-art computer-controlled manufacturing processes are used in the fabrication of high-quality prosthetics – for highly esthetic, perfectly fitting prosthetics.

Your benefit? All round secure and comfortable implant treatment.





## Transparency – accurately 3D planning

“Digital Volume Tomography” (DVT) for treatment planning:

Using three-dimensional (3D) X-ray images, an exact picture of the entire jaw prior to treatment can already be obtained: on the computer, the jaw can be rotated in any direction like a 3D model and examined from all sides – it is even possible to “look inside” the bone to evaluate the quality of the bone. Three-dimensional DVT diagnostics make implantological treatment planning “visible” in all dimensions. Based on these data, surgery can be planned precisely in advance.

## Security – targeted implantation

3D diagnosis and computer-calculated planning form the ideal basis for secure treatment.

For example, the sensitive nerve regions are detected precisely when placing an implant and can therefore be protected optimally. An individually fabricated computer-calculated “template” is used that is precisely matched to your situation – for an accurate, pinpoint procedure. Based on the digital planning data a precisely fitting and high-quality temporary restoration prior to the date of implantation can already be fabricated: you will leave the dental practice on the day of implantation with an esthetic provisional component – nobody will notice the missing tooth. Treatment times are shorter and the costs are completely transparent right from the beginning due to exact planning.

## Comfort – High-quality dentures

With computer-guided design (CAD) and computer-guided manufacture (CAM) of dentures the goal of natural esthetics and a perfected accuracy of fit is achieved as close as possible.

Digital technology also displays its strength in prosthetics, in the design of the tooth crown: at the beginning of treatment you can already see what the final result will look like. Computer-guided planning and fabrication of new teeth ensures an extremely high accuracy of fit – elaborate try-ins of the new teeth become obsolete. By employing these new technical options, customized restorations as close as possible to natural esthetics in the anterior and posterior regions can be achieved. This allows offering custom-made solutions without compromises for highest demands.

### Your benefits:

- Excellent counseling – treatment can be well explained using the 3D images; you can see and understand the planning
- Low loading – far lower radiation exposure than with conventional computer tomography (CT)
- Clarity – you know from the start what to expect – both in terms of treatment and costs

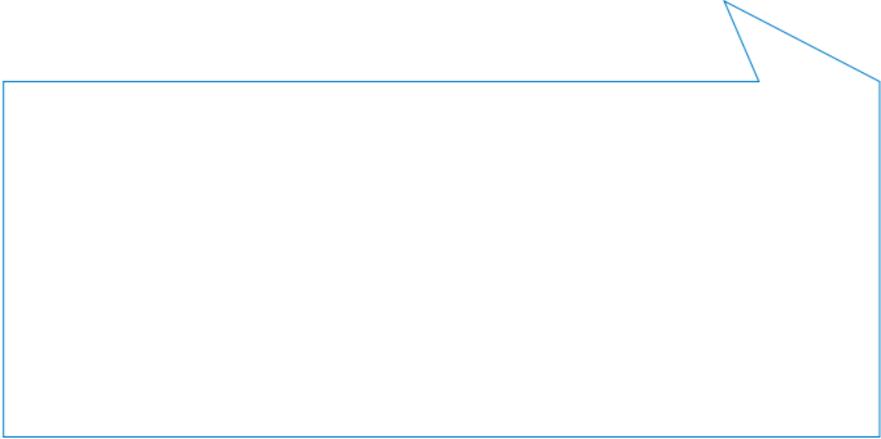
### Your benefits:

- Shorter treatment times – accurate planning and targeted procedure
- Fast provisional component – customized temporary restoration immediately after implant placement
- Minimal-invasive treatment – the smallest possible procedure results in fewer complaints after the treatment
- A good feeling – all-round secure implantological treatment

### Your benefits:

- Like the original – individual esthetics without compromises
- Immediate fit – no time-consuming and elaborate fittings required at the dentist
- No “loose” denture – strong teeth again – even with a denture

Learn how quality dental implants by Dentsply Sirona Implants can give you the beauty of natural teeth – speak with your dentist today.



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