



INTEGRATED IMPLANTOLOGY

THE DIGITAL WORKFLOW WITH SIRONA.



SIRONA.COM

The Dental Company

sirona.

THE INTELLIGENT SOLUTION – INTEGRATED IMPLANTOLOGY WITH SIRONA.

Whether a beginner or an experienced implantologist, you will always make the right decision with Sirona. Because implantology has been a central theme in our research and development for a long time, many of our products are perfect for this purpose. In other words: At Sirona, the requirements for implantology are already included. So you have products that support you in all types of treatment – and thus in implantology. **Enjoy every day. With Sirona.**

ADVANTAGES OF INTEGRATED IMPLANTOLOGY.

1| Safety

Guaranteed clinical safety during the entire implant treatment.

2| Trust

Great patient confidence in the implant treatment and higher case acceptance rate.

3| Profitability

Efficient and cost-effective treatment workflows and new economic opportunities.

4| Ease of use

Efficient treatment thanks to simple and intuitive operation.

5| Practice marketing

Image enhancement for the dental practice.

OPTICAL IMPRESSION & RESTORATION DESIGN

1



The CEREC AC acquisition unit with CEREC Omnicam or CEREC Bluecam makes it possible: It takes only a few minutes to scan both the gap and the antagonist. And with the intuitive CEREC Biogeneric software, prosthetic planning is completed with just a few clicks of the mouse and will be considered during implant planning.

3D X-RAY SCAN

2



The 3D x-ray exposures are taken digitally using either a GALILEOS or ORTHOPHOS XG 3D unit. The visualization and analysis of the data take place in the highly efficient GALAXIS software.

3

IMPLANT PLANNING & PATIENT EDUCATION



The CEREC data is transferred and the prosthetic proposal is directly integrated in the GALILEOS Implant software. This permits the best possible positioning and alignment of the implant, abutment and restoration. The result: Minimally invasive implantation reduces stress for the patient. Once the CEREC data has been integrated, the implant is planned, taking the surgical and prosthetic information into consideration. The selected implant model is positioned with sub-millimeter accuracy and realistically visualized.

4

PRODUCTION OF THE SURGICAL GUIDE



Precise implant planning is only as good as its implementation. The solution is a surgical guide with depth stop, which is precisely calibrated to the chosen implant and position. You can order the surgical guide from SICAT's production center (SICAT OPTIGUIDE) or produce it cost-efficiently in-house with one of the two milling units CEREC MC X / CEREC MC XL Premium Package (CEREC GUIDE). The implant is then placed stress-free on the implant site with optimum alignment and height.

IMPLANT PLACEMENT 5



The integrated TENEO implant function supports implant placement thanks to the individualized settings for speed, torque and NaCl amount. Using the surgical guide, the implant can be placed in a very short time and minimal invasively. SIROLaser can be used for soft tissue management and hemostasis before the optical impression.

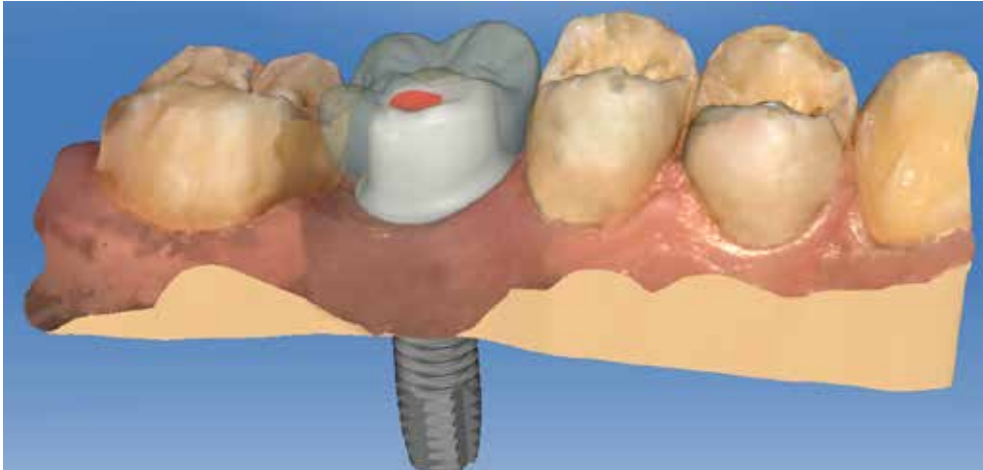
SCAN OF THE IMPLANT SITUATION 6



It is already possible during the planning stage to determine whether a custom abutment is necessary with the sufficient space conditions. This improves and simplifies patient counseling, resulting in a faster decision making process. Using the intraoral scanbody (ScanPost), the implant position is scanned precisely with CEREC Omnicam or CEREC Bluecam.

INDIVIDUAL ABUTMENT DESIGN

7



In CEREC Software 4.2 the abutment (two parts) and crown are designed in just one step. The design of screw retained crowns is also possible.

PRODUCTION OF THE ABUTMENT AND CROWN

8



Both the mesostructure and crown are milled using CEREC MC X or CEREC MC XL Premium Package.

ALWAYS AT THE FOREFRONT OF INNOVATION!

As global innovation leader for dental equipment, we continuously invest in research and thus in the future of modern dentistry. By networking digital technologies with integrated solutions and optimizing the treatment workflow, we create improved treatment results, more comfort and safety for the patient as well as time and cost savings in everyday work. The combination of constant innovative power and globally growing sales and service structures makes Sirona the global market leader trusted by thousands of practices and labs around the world. **Enjoy every day. With Sirona.**



CAD/CAM Systems | Imaging Systems | Treatment Centers | Instruments | Hygiene Systems

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