CEREC
MUCH MORE THAN
RESTORATIONS.

CEREC.COM
CEREC.
SINGLE VISIT
DENTISTRY.

CEREC has been developed to provide your patients with the best possible treatment during a single visit. You offer your patients with CEREC a completely new treatment experience ensuring optimal treatment results. Satisfied patients are the key to the success of your dental practice: **91%** of CEREC patients recommend their dentist to others. **Enjoy every day.**

With Sirona.

WERE YOU SATISFIED WITH YOUR LAST CROWN TREATMENT PROCEDURE?*

- **83%** YES
  - CEREC patients

- **61%** YES
  - Other patients

WOULD YOU RECOMMEND YOUR DENTIST TO OTHER PEOPLE?*

- **91%** YES
  - CEREC patients

- **68%** YES
  - Other patients

*Survey: 380 CEREC and 421 other patients were questioned
CEREC. PROVEN QUALITY.

With CEREC you opt for outstanding quality and easy-to-use products and solutions from the market leader. The quality of the treatment results has been confirmed in numerous scientific studies. In addition we select the best and largest dental equipment dealers to ensure you also receive excellent service.

>250 scientific studies testify CEREC clinical security

95% long-term survival rate*

38 THOUSAND CEREC users

96% of all chairside restorations are produced with CEREC

Every 5 Seconds worldwide a CEREC restoration is placed

“35 MILLION COMPLETED RESTORATIONS SPEAK FOR THEMSELVES.”

WHERE CEREC STANDS TODAY.

For 30 years CEREC has been synonymous with the creation of ceramic restorations during a single treatment session. We have continuously developed CEREC in line with your requirements and the demands of your patients. Today, its capabilities extend far beyond dental restorations. The CEREC treatment spectrum now embraces three key areas: restorations, implantology and orthodontics – so that you are ideally equipped for the future.

**CEREC RESTORATIONS**
- 30 years of CAD/CAM experience
- Excellent patient-specific design proposals with the analysis of the complete scan [NEW: CEREC Biojaw]
- Excellent milling results due to new machining algorithms and burs
- Simple operation with a newly designed user interface of the CEREC software

**CEREC IMPLANTOLOGY**
- Single visit implant therapy with direct screwed retained crowns or custom abutments
- New materials for the fabrication of temporary implant borne restorations
- NEW: Implant with CEREC Guide 2 the fastest produced and lowest priced surgical guide on the market

**NEW: CEREC ORTHODONTICS**
- Faster aligner therapy
- Digital storage and just-in-time model production on 3D printers
- Precise powder-free digital impressions using the smallest video camera currently on the market

For further information see pages 8–15

For further information see pages 16–19

For further information see pages 20–21
SINGLE VISIT RESTORATIONS.
SIMPLY AND SECURELY.

Treat your patients with inlays, onlays, crowns and veneers during a single visit! Having 30 years CAD/CAM expertise in dental practices Sirona is your reliable and competent partner. The method is simple: scan, design and mill. This streamlined workflow delivers outstanding restoration results.

FINISHED RESTORATIONS IN THREE EASY STEPS

SCAN
During the scanning process you benefit from the outstanding performance of either CEREC Omnicam or CEREC Bluecam – the two best camera systems on the market. Ease of use is combined with clinically dependable results.

2 MINUTES

DESIGN
No special computer skills are required. The design process is fast and reliable due to the clearly structured user interface and the outstanding restoration proposals.

2 MINUTES

MILLING/GRINDING
Choose one of three high-precision CEREC milling units catering for different sets of indications.

11 MINUTES*

“Underestimated how much my patients value single visit treatment and how quickly this good news spreads.”

Dr. med. dent. Tim Nolting MSc, Freudenberg, Germany

*Grinded posterior crown with CEREC MC X (grinding mode “fine”).
PATIENT FRIENDLY DIGITAL IMPRESSIONS WITH CEREC OMNICAM.

Spare your patients the discomfort of a conventional impression tray. Select CEREC Omnicam for digital scans with the smallest powder-free color camera on the market. Omnicam is available in two different configurations: the tried-and-tested CEREC AC mobile model or flexible CEREC AF tabletop model. The latter is ideal for dental practices with several sites/floor levels or practices with limited floor space.

CEREC AC WITH OMNICAM OR BLUECAM

CEREC AC is comprised of a camera system, PC and monitor in a compact acquisition center on 4 wheels for digital impressions. CEREC AC has been continually developed over the past 30 years and clinically tested by more than 38,000 users.

CEREC AF WITH OMNICAM (TABLETOP UNIT)

CEREC AF comprises the individual components of CEREC Omnicam including camera tray and PC monitor. The camera tray can be carried from one treatment room to another. This solution is suitable for group practices on different sites or on different floor levels and/or practices with limited floor space.

DIGITAL SCANNING WITH CEREC

Scan the prepared and antagonist jaws using the CEREC Omnicam or CEREC Bluecam. Define the preparation margin with just a few mouse clicks – the rotatable 3D views generated by the software simplify this process.

- User-friendly: Scanning process can be interrupted and resumed at any time.
- Fast: In the shortest possible time the software generates a 3D model and an initial restoration proposal.
- Top quality: The analysis of the clinical preparation with feedback function ensures high-quality restorations.

“I AM CONTINUALLY AMAZED AT THE ACCURACY AND PRECISION OF THE SCANNED PREPARATION. THIS IS PARTICULARLY APPARENT ENLARGED ON THE MONITOR. CONVENTIONAL IMPRESSIONS SIMPLY DO NOT COMPARE.”

Dr. med. dent. Tim Noitling MSc, Freudenberg
CEREC SOFTWARE
EASY AND FAST DESIGN.

After analyzing the complete scan the CEREC software generates outstanding restoration proposals. This saves time and allows you to move more quickly to the final fabrication step. You benefit from the simple, clearly structured and visually appealing user interface.

OUTSTANDING RESTORATION PROPOSALS

The absolute highlight of the CEREC SW 4.4* is the unique "Biojaw" function. On the basis of the teeth scanned, the software generates a patient-specific restoration proposal taking into account the residual dentition. In most cases this proposal can be fabricated directly by the milling unit.

EASE OF USE

The clearly structured menus in the intuitive user interface and the feedback and help functions ensure that the CEREC software can be operated effectively.

* Available in summer 2015

Clinical case from Dr. Todd Ehrlich, Austin, USA
OUTSTANDING RESTORATIONS IN-HOUSE.

CEREC milling units and CEREC software are optimally matched. Grinding or milling the restoration design is extremely precise. Finished surfaces are smooth and ultrafine fissure details can be created. This outstanding precision — coupled with a broad array of innovative materials — delivers highly durable restorations fulfilling the highest esthetic standards.
Implantology is one of the fastest growing sectors in modern dentistry. The CEREC system allows you to retain numerous processes within your dental practice and generate added value. CEREC is the ideal tool — regardless of whether you treat implant restorations or place implants in-house.

**IMPLANT THERAPY WITH CEREC – GROWING TREND.**

Previously without CEREC implant treatment was very time consuming.

TODAY, WE OFFER EVERYTHING IN ONE APPOINTMENT.

— Dr. med. dent. Hendrik Zellerhoff, Laer, Germany

**PROSTHETICS**

SINGLE VISIT

IMPLANT TREATMENT

Now with CEREC you can provide high-class prosthetic and surgical treatment with custom abutments and direct screw retained crowns. These screw retained crowns can be used as gingiva formers for the creation of individual emergence profiles.

**SURGERY**

CEREC GUIDE 2

GUIDED IMPLANTOLOGY

CEREC supports you planning and placing implants. CEREC Guide 2 can be fabricated out of a PMMA block on your in-house milling unit* — directly, at low cost and in less than one hour. This eliminates the need for a model. CEREC Guide 2 ranks as the cheapest and most rapidly available surgical guide — worldwide!

* CEREC MC X or CEREC MC XL Premium Package
CEREC IMPLANT THERAPY
IN DETAIL.

With CEREC you can scan, design, mill and place custom-made implant abutments and crowns including direct screw retained crowns – during a single treatment session. But CEREC is capable of a lot more. Now with our new surgical guide CEREC Guide 2 you can plan and perform the entire implant process in your dental practice.

1. Start by acquiring a digital scan of the implant using the CEREC Omnicam or CEREC Bluecam – this also applies to newly placed implants.

2. You then design the abutment and crown in a single step with the CEREC software. Direct screw retained crowns are also easily designed.

3. The temporary or final restoration is milled directly on the CEREC milling unit.

4. In addition to our inCoris ZI meso implant blocks, there are other innovative materials from our partners for temporary or permanent treatment.

5. Optical scanning of the situation, crown design and import of the prosthetic proposal into GALILEOS Implant software.

6. Implant planning in the GALILEOS implant software based on prosthetic data and a 3D X-ray scan. Finally, import the planning data into the CEREC software.

7. Design surgical guide: Individually adjust surgical guide in the CEREC software. Mill the surgical guide on CEREC MC XL Premium Package or CEREC MC X.

IPS e.max CAD (Ivoclar Vivadent) is for example suitable for custom abutments and direct screw retained crowns.

THREE STEPS TO CREATE CEREC GUIDE 2

HIGH QUALITY
Custom abutments offer improved clinical stability and performance compared to standard abutments. In addition, tooth colored abutments display more natural esthetics.

COST-EFFECTIVE
Expanding your treatment portfolio with implant therapy is paramount. With CEREC you can treat the patient in the same visit.

FAST
Digital impressions enable you to complete implant therapy within a single treatment session.

COST-EFFECTIVE
No external costs - everything is in-house. The material cost for the block out of which the CEREC Guide 2 is milled is minimal.

FUTURE-SECURE
Integrative implantology expands your treatment spectrum and safeguards the future of your dental practice.

COST-EFFECTIVE
No external costs - everything is in-house. The material cost for the block out of which the CEREC Guide 2 is milled is minimal.
Dental impressions and physical models are an integral part of orthodontic treatment. CEREC eliminates the need for conventional impressions with fast, powder-free digital scanning using the world’s most compact dental intraoral video camera – CEREC Omnicam.

**DIGITAL SCANNING**

- Guided scanning ensures 100% reproducibility
- Simple, powder-free scanning with the smallest dental intraoral video camera currently on the market

**FASTER ALIGNER THERAPY**

- 40% faster than conventional impressions*
- 70% less time needed to generate an initial therapy proposal **

**DIGITAL STORAGE + PRINTING**

- Just-in-time production on 3D printers
- Orthodontic appliances can be created and made on the physical models.

Guided scanning and the simple operation of the CEREC Omnicam allow you to delegate work to your practice team.

* A complete physical model requires a scanning time of ca. 10 minutes
** Significant time saving due to the direct transfer of data to the aligner manufacturer

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**“DIGITAL IMPRESSIONS OFFER NUMEROUS BENEFITS ESPECIALLY FOR MY PATIENTS. I SPARE THEM THE DISCOMFORT OF A CONVENTIONAL IMPRESSION TRAY. SECONDLY, FASTER PROCESSING MEANS THERAPY CAN COMMENCE AT AN EARLIER DATE. I WOULD NOT LIKE TO IMAGINE DOING WITHOUT THIS TECHNICAL ADVANCE IN MY MODERN DENTAL PRACTICE!”**

Hanna Ritter, Orthodontic Specialist, Hennef
**SIRONA Connect: YOUR DIRECT LAB LINK.**

Your trusted lab technician is directly connected to your CEREC system via the Internet portal Sirona Connect. Not only are your patients spared the discomfort of conventional impressions but you can also use this link for certain indications you do not want to produce in a single session. Digital impressions with Sirona Connect optimally complement CEREC particularly for veneered crowns and bridges. Sirona Connect software is preinstalled on your CEREC system. Sending data via Sirona Connect is free of charge.

<table>
<thead>
<tr>
<th><strong>DENTAL PRACTICE</strong></th>
<th><strong>DENTAL LAB</strong></th>
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</thead>
<tbody>
<tr>
<td>You scan digital impressions in your practice, evaluate the data and send it to your dental lab</td>
<td>The lab receives the data, processes your order and delivers the restoration(s) as usual</td>
</tr>
</tbody>
</table>

The Sirona Connect portal has a built-in Skype function that enables you to communicate directly with your dental technician.

Further information can be found under [www.sirona-connect.net](http://www.sirona-connect.net)
CEREC CLUB SELECT.
FOR A SAVE RETURN ON INVESTMENT.

As a member of CEREC Club Select you keep your CEREC system up to date and profit from exclusive warranty benefits and services. After three years you have the option of upgrading to CEREC Club Select Plus membership at a favorable price to enjoy further benefits including the latest software.

OUR EXCLUSIVE SERVICES FOR CLUB MEMBERS

CEREC CLUB SELECT FOR THE YEARS ONE TO THREE
During the first three years after installation of your CEREC system you receive the following benefits:
- All CEREC software updates and upgrades
- Extended warranty: in addition to the one-year manufacturer’s warranty you receive an additional two-year warranty on component parts
- Three free annual maintenance kits for your milling unit
- Six months’ free access to an online training portal

CEREC CLUB SELECT PLUS FOR THE YEARS FOUR TO SIX
Extend your CEREC Club Select membership for a further three years. During this time you will be entitled to the following benefits:
- All CEREC software updates and upgrades
- A free upgrade PC for your CEREC AC

Further information is available under sirona.com/cerec-club-select
FACTS & FIGURES.

CEREC AC WITH BLUECAM
PROVEN AND EFFICIENT.
Easy operation with tried-and-tested technology; you can scan coated surfaces with the CEREC Bluecam in the shortest possible time and benefit from high precision and efficiency – particularly single-tooth restorations.

CEREC AC WITH OMNICAM
POWDER-FREE AND IN COLOR.
A real asset for your dental practice: powder-free scanning, unrivalled handling with precise 3D images in natural color. CEREC Omnicam scanning is more intuitive and ergonomic than ever before.

CEREC AF WITH OMNICAM
FLEXIBLE AND SPACE-SAVING.
The ideal solution for dental practices with several sites/floor levels or practices with limited floor space. It consists of the following components: CEREC Omnicam, CEREC Omnicam camera holder, PC with monitor, keyboard mouse, tablet as well as Sirona Remote software.

CEREC PRODUCTION CAPABILITIES

<table>
<thead>
<tr>
<th>Performance features</th>
<th>CEREC MC</th>
<th>CEREC MC X</th>
<th>CEREC MC XL Premium Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area of application</td>
<td>Anatomically sized single tooth restorations</td>
<td>Complete chairside spectrum</td>
<td>Chairside and labside spectrum</td>
</tr>
<tr>
<td>Milling accuracy</td>
<td>± 25 µm</td>
<td>± 25 µm</td>
<td>± 25 µm</td>
</tr>
<tr>
<td>Maximum block size</td>
<td>15.5 mm x 15 mm x 20 mm</td>
<td>15.5 mm x 15 mm x 40 mm</td>
<td>22 mm x 40 mm x 85 mm</td>
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<tr>
<td>Touch display</td>
<td></td>
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<tr>
<td>CEREC SW 4.4</td>
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<tr>
<td>Single tooth restorations [feldspar, glass and lithium disilicate ceramic, translucent zirconium oxide (TLZ), hybrid ceramic, polymer blocks in mono sizes]</td>
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<tr>
<td>Bridges with up to four units</td>
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<td>Abutments</td>
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<tr>
<td>CEREC Guide surgical guides</td>
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<tr>
<td>CEREC Premium SW 4.4</td>
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<tr>
<td>Copings, frameworks, bar prostheses, attachments, telescopes, multilayer, stack milling, nesting</td>
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<tr>
<td>Metals</td>
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<tr>
<td>Milling (zirconium oxide and polymers)</td>
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<tr>
<td>Milling (zirconium oxide only)</td>
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<tr>
<td>Copings [up to 12 units]</td>
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</tr>
<tr>
<td>Frameworks with up to 12 units</td>
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<tr>
<td>Four spindle motors</td>
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</tbody>
</table>

Available ■ Optional ○ Available in summer 2015

OUR MATERIAL PARTNERS

VITA ■ Ivoclar Vivadent ■ Dentsply ■ MERZ ■ 3M ESPE ■ GC
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.