

CEREC CLUB SELECT: FOR A SAVE RETURN ON INVESTMENT.

With Sirona's new service generation, CEREC Club Select, you also have the option to continuously develop your CEREC system. As a Club member, you protect your investments by automatically keeping them up to date and benefit from the exclusive warranty and services. If after your three-year membership in CEREC Club Select you want to stay at the cutting edge at an affordable price, then CEREC Club Select Plus is for you.

OUR EXCLUSIVE SERVICES FOR CLUB MEMBERS:

CEREC CLUB SELECT FOR 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 a partial two-year warranty on parts
- Three free annual maintenance kits for your milling unit
- Six months of free access to an online training platform
- Additional discount on selected products (Open GALILEOS Implant license, CEREC Ortho Software license)

CEREC CLUB SELECT PLUS FOR YEARS FOUR TO SIX

Extend your CEREC Club Select membership by an additional three years. During the three-year membership, your CEREC system benefits from the following services:

- CEREC software updates and upgrades
- CEREC AC Upgrade PC or milling starter kit or material package free of charge
- Additional discount on selected products (Open GALILEOS Implant license, CEREC Ortho Software license)



► Further information is available at sirona.com/cerec-club-select

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 achieve improved treatment results, ensure more comfort and safety for the patient, and save time and money in practice routine. The combination of continuous 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.
From pioneer to new standard. For 30 years we have been developing digital dentistry and creating new options for the future practice and lab.

Imaging systems.
Best image quality with the lowest radiation dose. More than 100 years of development in imaging for the dental practice make us the number 1 innovation partner.

Treatment centers.
The business card of modern practices. We strive to create the ideal ergonomic and innovative center. Individually tailored to the well-being and demands of the patient and dentist.

Instruments.
Advantages that speak for themselves. We make sure that we provide the right balance of proven quality, individual ergonomics, and innovative technology for user-friendly work.

Hygiene systems.
Competence that gives you safety. When it comes to hygiene in the practice, we do not take any shortcuts. Our solutions meet the highest safety standards.

Sirona Dental Systems GmbH
Fabrikstraße 31, 64625 Bensheim, Germany, www.sirona.com

CEREC.COM

NEW

Full contour zirconia restorations in one visit

SINGLE VISIT DENTISTRY.

ONLY CEREC MAKES IT HAPPEN.



The Dental Company

sirona

The Dental Company

sirona

CEREC. SINGLE VISIT DENTISTRY.

Imagine that you could now offer your patients restorations in a single visit – with all conventional materials. And that you could also offer implantology and orthodontic treatment. What opportunities would that open up for your practice? Efficiency, greater added value and safety: CEREC makes all this happen, now also with zirconia.

95%

proven long-term stability.**

EVERY 5 SECONDS

a CEREC restoration is placed somewhere in the world.

>250

Scientific studies have proven the clinical safety of CEREC.

85%

of patients would prefer single-visit dentistry.*

For your patients, CEREC – no matter with what material – means faster, more comfortable treatment with no impression tray, no temporary, and only one anesthetic injection. A win-win situation: You meet your standard of quality; they get the best modern treatment, simply faster.

TWO-THIRDS

of patients would travel further for single visit dentistry.*

TWO OUT OF THREE

patients would change their dentist in order to receive a single visit dentistry treatment.*

FIFTY

percent of patients would pay more for single-visit treatment.*

** Source: Posselt, Kerschbaum, Longevity of 2328 chairside CEREC Inlays and Onlays, Int J Comput Dent. (2003)

* Source: Exevia GmbH – Patient survey, November 2015

CEREC ZIRCONIA HIGHLIGHTS.



Working with full contour zirconia – Listen to professional opinions in our video interview.

Zirconia is a high-performance material in great demand, which CEREC combines with a workflow optimally suited to the material. It has a high degree of flexural strength and biocompatibility, and allows tooth-conserving preparation for fully anatomical restorations. CEREC makes full contour zirconia restorations possible in a single visit – easier, faster, and more economical than ever.

PERFECT FIT

25% larger pre-sintering size results in highly precise edges and occlusal surfaces

SIMPLE WORKFLOW

Minimally invasive preparation and conventional cementing.



EVERYTHING UNDER CONTROL

With CEREC, you are 100% in control of creating restorations and ensuring their quality – now also for full contour zirconia restorations. The CEREC Zirconia workflow allows you to step in before the restoration is glazed or placed. That saves time, it might save the patient another appointment, and prevents arduous grinding and costly intraoral polishing.

TOOTH-PRESERVING PREPARATION

The high strength of CEREC Zirconia benefits both dentist and patient. Restorative treatment is even possible in areas with limited space and when replacing metal restorations – as hardly any of the old preparations have to be removed. Preparations preserve tooth substance and can be cemented conventionally when fitted.

SAFETY THROUGH STRENGTH AND ACCURACY OF FIT

CEREC Zirconia is milled oversized and then densely sintered to its final size in the CEREC SpeedFire. This results in precise edges and a detailed occlusion. The subsequent glaze firing brings the restoration to a high gloss. CEREC Zirconia stands for high flexural strength – thin wall thicknesses can be processed. Chipping is eliminated and of course bridges can also be made.

SIMPLE AND EFFICIENT WORKFLOW

30 years of CAD/CAM experience now make it possible to bring full contour zirconia restorations into the practice. The pre-shaded CEREC zirconia material (colors A1–D3 of the VITA Classical A1–D4® shade guide), dry milling with the CEREC grinding and milling unit, and the extremely short sintering cycles of the new CEREC SpeedFire – everything is designed for time savings and simplicity. But what makes it special is the combination of different innovations. Only this unique combination allows for a single visit treatment of full contour zirconia, which we call the CEREC zirconia Workflow.

“... with CEREC I can now offer full contour zirconia restorations in a single visit!”

THE CEREC WORKFLOW.

01

SCANNING

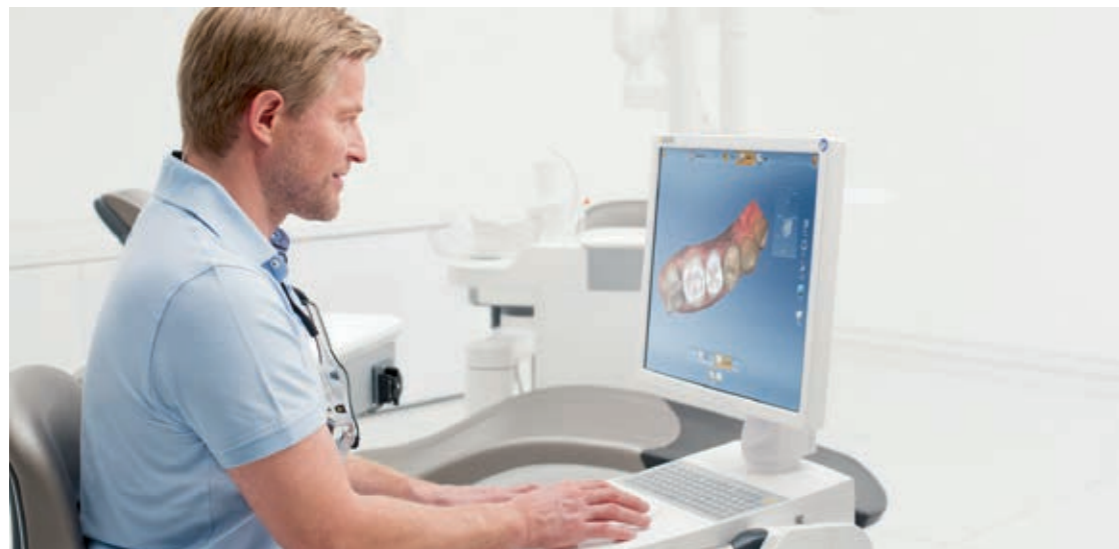
Spare your patients the discomfort of a conventional impression tray. To take digital impressions use CEREC Omnicam, for example, a small powder-free color camera. The precise 3D images in natural color make scanning easier, more intuitive and more ergonomic than ever before.



02

DESIGNING

After analyzing the complete scan, the CEREC Software generates outstanding restoration proposals. This allows you to save time and move quickly to the next step in the process – grinding/milling. You benefit from the simple, clearly structured, and visually appealing user interface.



03

GRINDING/MILLING

The CEREC grinding and milling unit and CEREC Software are optimally synchronized with one another. The milling/grinding cycle for the previously designed restoration is extremely precise, giving the restorations smooth surfaces and edges and very fine fissures.



04

ONLY FOR FULL CONTOUR ZIRCONIA RESTORATIONS SINTERING/FINALIZATION

Full contour zirconia restorations are sintered and glazed chairside in the compact CEREC SpeedFire furnace. The induction technology allows unparalleled short sintering and firing times. Operation is very intuitive and simple.



Final restoration
in a
SINGLE VISIT.



The complete CEREC Zirconia workflow in video – watch it now and see for yourself how easy it is.

01 PATIENT FRIENDLY DIGITAL IMPRESSIONS – WITH CEREC OMNICAM.

CEREC.COM/IMPRESSIONS



Three versions of the CEREC Omnicam are presented briefly in this video.

Spare your patients the discomfort of a conventional impression tray. For example, you can take digital impressions using the CEREC Omnicam, a small powder-free color camera. It is available in three different versions: the proven mobile CEREC AC cart version, the flexible tabletop CEREC AF, and the integrated, ergonomic CEREC AI. You have the choice depending on the workflow in your practice and the space available.



**EASE
OF USE**

even in the distal area using the extremely small camera head.

Visualization of

**SCAN DATA
IN COLOR**

**POWDER
FREE**

scanning

Robert Heller, patient, Germany

"... I want a treatment to be as pleasant as possible. Without an impression tray and with fewer injections. I'm willing to pay more for that."



CEREC AC – THE MOBILE CART VERSION

With the CEREC AC with Omnicam or Bluecam, all components (camera system, PC and screen) are integrated in a central imaging unit. Scanning and designing is done centrally with the CEREC AC. Thanks to our integrated uninterruptible power supply, the unit can be easily moved to another treatment room and is an optimal solution for most dental practices. CEREC AC has been continually developed over the past three decades and clinically tested by more than 38,000 users.



CEREC AF – THE FLEXIBLE TABLETOP UNIT

CEREC AF comprises the individual components of CEREC Omnicam including camera tray and PC monitor. The camera can be easily taken from one treatment room to another – a big advantage for joint practices and practices with several locations. Scanning and designing can be done separately. For example, you can make the design in the first treatment room and your assistant or colleague can start a new scan in the next.



CEREC AI – THE INTEGRATED, ERGONOMIC VERSION

For many CEREC users, CEREC treatment is a fixed part of the daily workflow. With the CEREC AI, Sirona now offers a suitable solution: It consists of a CEREC Omnicam with a tray that is integrated into the TENO treatment center by means of a separate support arm and PC with screen. The CEREC Omnicam is thus easily accessible even in the 12 o'clock position. Both you and your patient can see everything directly on the treatment center screen or the tablet provided.

02 CEREC SOFTWARE MAKES DESIGNING EASY AND FAST.



Dr. Peter Schneider talks about his experience with the CEREC Software.

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

OUTSTANDING RESTORATION PROPOSALS

The absolute highlight of the CEREC Software 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.



Clinical case from Dr. Todd Ehrlich, Austin, USA

Dr. Peter Schneider, Heidelberg

"... The initial proposal of the CEREC Software is usually so good that I can go straight to production without any further processing."



03 OUTSTANDING RESTORATIONS NOW ALSO WITH ZIRCONIA.



We captured the fascination of „dry milling“ in a video. Have a look!

The CEREC grinding and milling unit and CEREC Software are optimally synchronized with one another. The milling/grinding of the restoration design is absolutely precise, the surfaces are smooth, even tiny fissure details are very accurate and the edges are even. Our new milling and grinding units can also dry mill, making full contour zirconia restorations possible in a single visit.



PRECISE

Optimal milling/grinding algorithms and the finest milling/grinding tools replicate the finest details of the designed restoration.

VERSATILE

Every material requires individual processing due to its properties. Wet grinding, wet or dry milling – CEREC always has the optimal solution. CEREC with its automatic workflows makes every process easy.

FAST

Depending on the indication and the material, the CEREC milling/grinding unit can mill a typical single-tooth restoration in 4–12 minutes.

Meike Tramitz, patient

“Treatment often used to take a long time. With CEREC I got a complete crown in just one visit – without a temporary or follow-up visits. I call that service!”



04 SINTERING & GLAZING ZIRCONIA – WITH CEREC SPEEDFIRE.

CEREC SpeedFire is the smallest and fastest sintering furnace on the market and can sinter a crown in typically 10–15 minutes. The strengths of full contour zirconia can thus also be used for chairside treatment. If required, a glaze can be applied with the CEREC SpeedGlaze that can be fired in just a few minutes in the CEREC SpeedFire. Then the restoration is ready to be placed into the patient’s mouth.

ORDERS SENT AUTOMATICALLY

The CEREC Software sends the order with all the necessary information to the furnace.

INDUCTION TECHNOLOGY

allows unparalleled short sintering and firing times.

JUST 10–15 MINUTES

a full contour zirconia crown typically takes to sinter.

CEREC SpeedGlaze

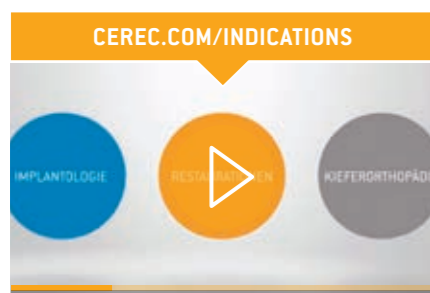
Spray the sintered restoration evenly with the CEREC SpeedGlaze. The subsequent glaze firing gives a high gloss finish to the restoration.



“... It is the only dental furnace on the market that combines the sintering and glazing processes in one device.”



CEREC MORE THAN RESTORATIONS.



See the wide variety of indications that CEREC now covers for yourself.

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



RESTORATIONS

Information on pages 8–15

- 30 years of CAD/CAM experience
- Excellent initial patient-specific design proposals through analysis of the complete scan (CEREC Biojaw)
- Excellent milling and grinding results due to new milling and grinding algorithms and milling/grinding unit
- Simple operation with a newly designed user interface of the CEREC Software



IMPLANTOLOGY

Information on pages 18–21

- Single-visit implant treatment with screw-retained crowns or custom abutments
- New materials for producing temporary implant restorations
- Implanting with CEREC Guide 2, the fastest and most cost-effective surgical guide on the market



ORTHODONTICS

Information on pages 22–23

- Faster aligner treatment
- Digital storage and just-in-time model production on 3D printers
- Reliable digital impressions with a small powder-free camera

IMPLANTING WITH CEREC.



A video from Frankfurt University Hospital demonstrates implant treatment with CEREC.

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. Regardless of whether you treat implant restorations or place implants in-house. CEREC supports you in each case.

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

Guided implantology with CEREC Guide 2

CEREC supports you planning and placing implants. CEREC Guide 2 can be fabricated out of a PMMA block on your in-house millingunit* – 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!

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

“Previously without CEREC implant treatment was very time consuming. Today, we offer everything in one appointment.”

NO EXTERNAL COSTS

No external costs for the surgical guide. You only have the cost for the block from which the CEREC Guide 2 is milled.

60 MIN

You can produce the CEREC Guide 2 right in your practice within one hour.

IN-HOUSE PRODUCTION

Integrated implantology expands your treatment spectrum and safeguards the future of your dental practice.



IMPLANTING WITH CEREC – IN DETAIL.

With CEREC you can scan, design, mill, and place custom-made implant abutments and crowns, including screw-retained crowns – in a single treatment session. But CEREC is capable of a lot more: You can map the entire implantology process in your practice and place implants on your own. The CEREC Guide 2 surgical guide supports you during the surgical implementation.

Katharina Siebniz, patient

“... My dentist showed me how he plans the surgery using X-ray images and the digital data of my teeth. That fascinated me and in the end I was convinced ...”

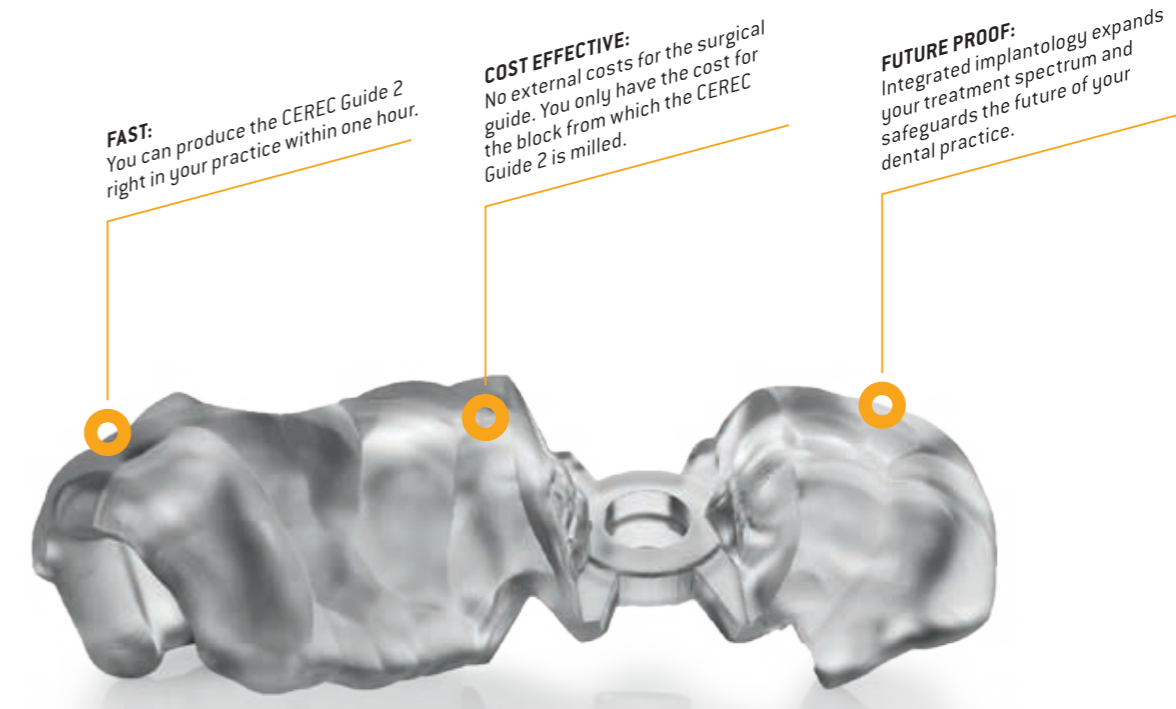


HIGH QUALITY:
Customized abutments ensure greater clinical reliability than standard abutments. In addition, the tooth-colored abutment ensures a natural look.

COST EFFECTIVE:
Expanding your range of services in the growing implantology market increases the profitability of your practice.

FAST:
Digital impressions enable you to complete implant treatment in a single treatment session.

IPS e.max CAD (Ivoclar Vivadent) is suitable for custom abutments or screw-retained crowns.



FAST:
You can produce the CEREC Guide 2 right in your practice within one hour.

COST EFFECTIVE:
No external costs for the surgical guide. You only have the cost for the block from which the CEREC Guide 2 is milled.

FUTURE PROOF:
Integrated implantology expands your treatment spectrum and safeguards the future of your dental practice.



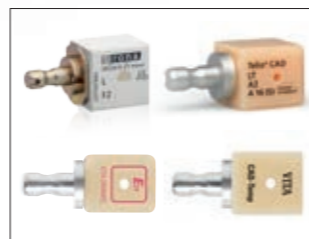
Start by acquiring a digital scan of the implant using the CEREC Omnicam or CEREC Bluecam – even for newly placed implants.



You then design the abutment and crown in a single step with the CEREC Software. Screw-retained crowns are also easily designed.



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

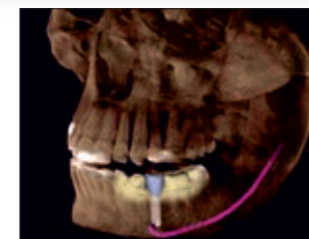


In addition to our inCoris Z1 meso implant blocks, there are other innovative materials from our partners for temporary or permanent treatment.

THREE STEPS TO A CEREC GUIDE 2 SURGICAL GUIDE



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



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.



Individually adjust the surgical guide design in the CEREC Software. Mill the surgical guide on CEREC MC XL Premium Package or CEREC MCX.

ORTHODONTICS GOES DIGITAL – WITH CEREC.



Hanna Ritter talks about the digitization of orthodontics with CEREC.

Dental impressions and physical models are an integral part of orthodontic treatment. CEREC eliminates the need for conventional impressions and accelerates the impression process by means of digital scanning with a small, powder-free video camera – CEREC Omnicam.

DIGITAL STORAGE AND PRINTING

- Just-in-time production on 3D printers
- Orthodontic appliances of all kinds can be made on the physical model.

FASTER ALIGNER TREATMENT

- Digital scanning is faster than conventional impressions
- Digital impressions eliminate the laborious process of creating and sending physical impressions, resulting in faster processing

DIGITAL IMPRESSIONS

- 100% reproducible due to reliable guided scanning
- Optimal handling with the small video camera

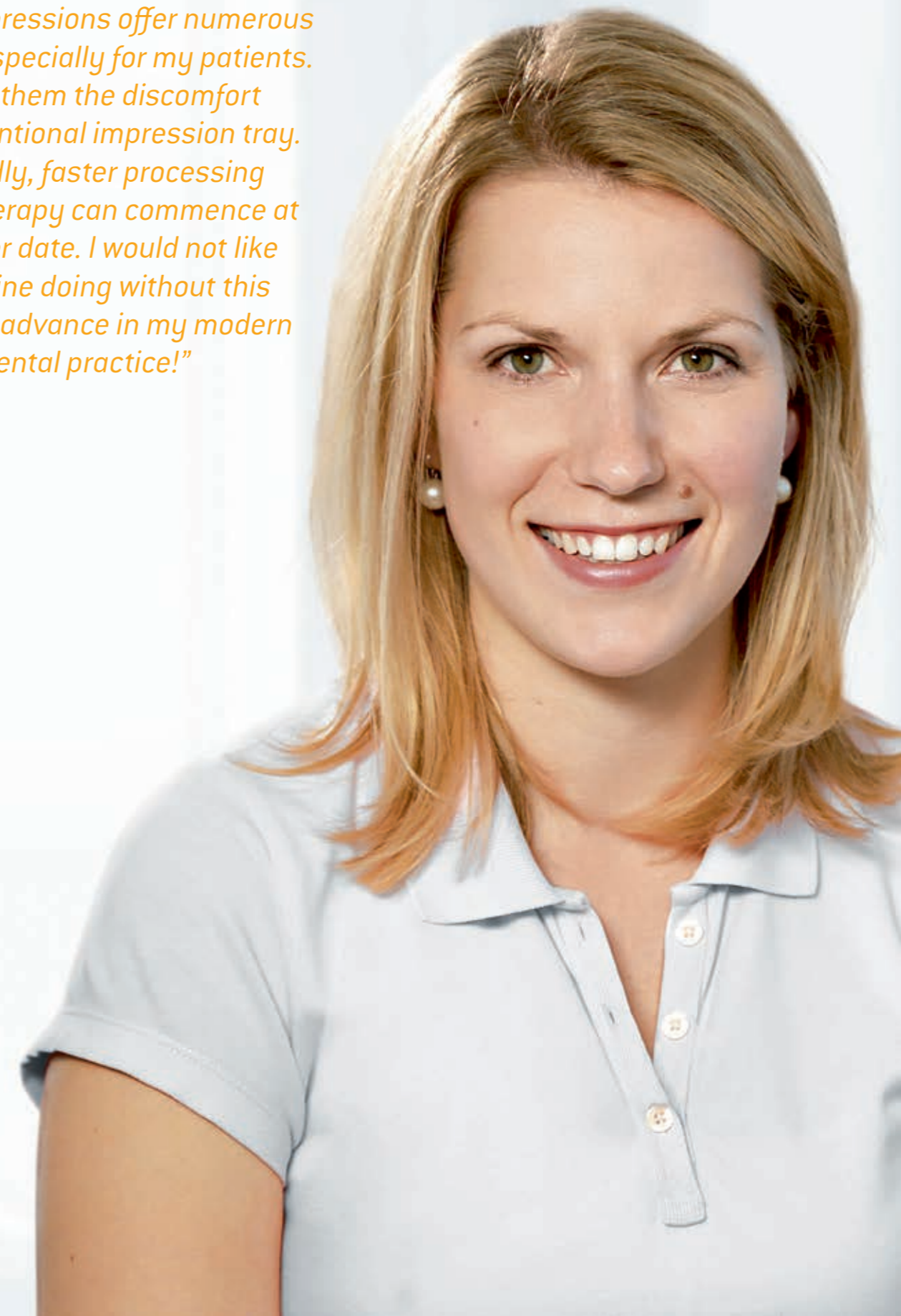


Guided scanning and the simple operation of the CEREC Omnicam allow you to delegate work to your practice team.



Many export and processing options after scanning.

Hanna Ritter, Orthodontic Specialist, Hennef, Germany
“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!”



SIRONA CONNECT: YOUR DIRECT LINK TO THE LAB.

Your trusted lab technician is directly connected to your CEREC system via the Sirona Connect internet portal. This spares your patients the discomfort of conventional impressions even for 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 that you need for sending impression data is pre-installed on your CEREC system. Sending data via Sirona Connect is free of charge.

PRACTICE

You scan the digital impressions in your practice, evaluate the data, and send it to your dental lab.

LABORATORY

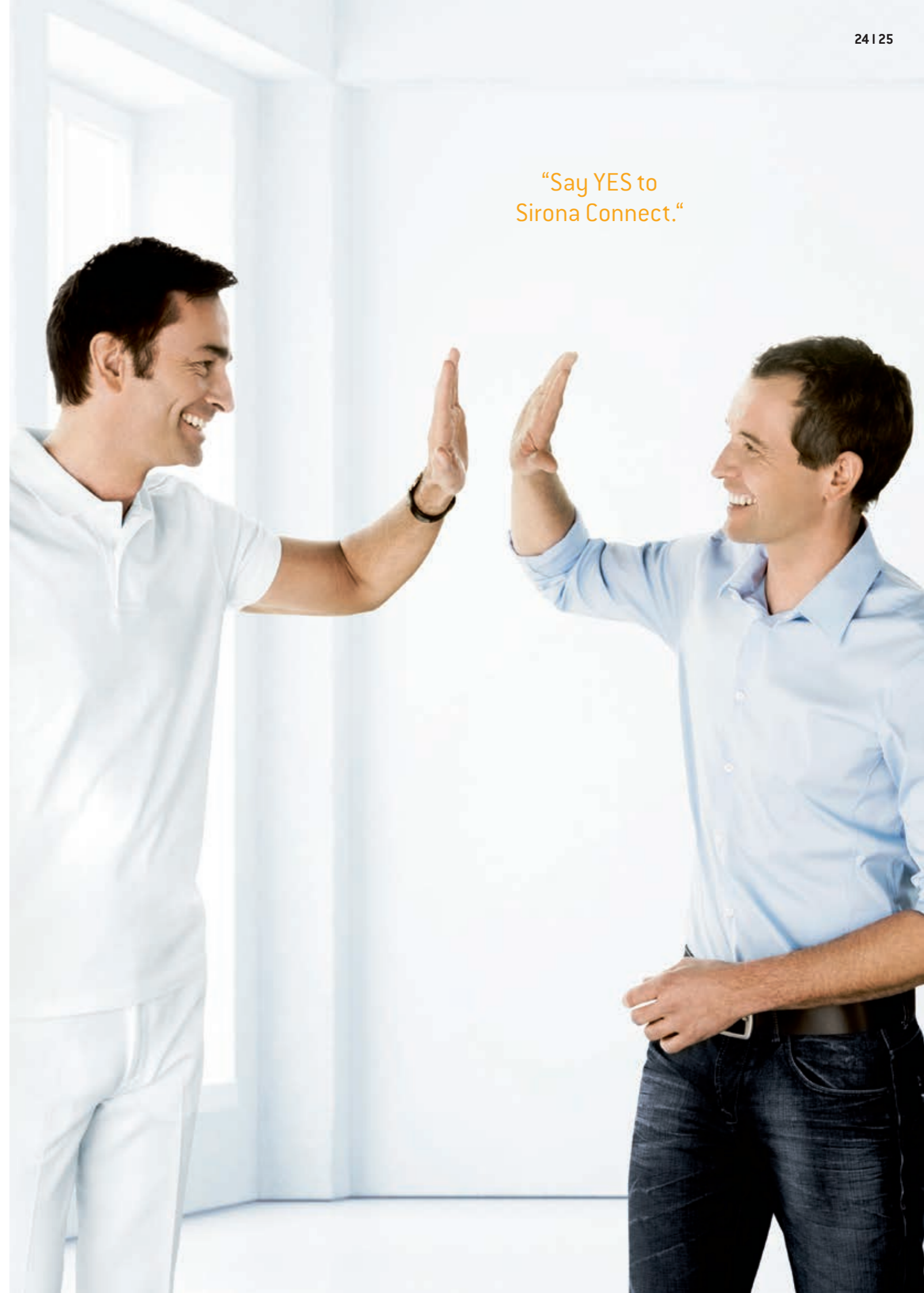
The lab receives the data, processes your order, and delivers the restoration as usual.



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 at www.sirona-connect.com

“Say YES to
Sirona Connect.”





FACTS & FIGURES



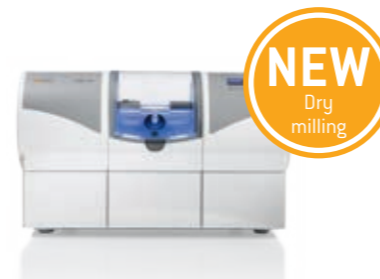
CEREC AC – THE MOBILE CART VERSION
 CEREC AC with Omnicam or Bluecam is comprised of a camera system, PC and monitor in a compact acquisition center on 4 wheels for digital impressions. You can scan and design centrally with the CEREC AC.



CEREC AF – THE FLEXIBLE TABLETOP UNIT
 CEREC AF comprises the individual components of CEREC Omnicam including a camera tray and PC monitor. You can choose a 19" or 24" screen or use the one from your own practice. The camera can be easily taken from one treatment room to another.



CEREC AI – THE INTEGRATED, ERGONOMIC VERSION
 For many CEREC users, CEREC treatment is a fixed part of the daily workflow. With the CEREC AI, Sirona now offers a suitable solution: It consists of a CEREC Omnicam with a tray that is integrated into the TENE0 treatment center by means of a separate support arm and PC with screen.



CEREC MC

- Full-contour single-tooth restoration up to 20 mm block size
- Precise
- Cost-effective solution
- Ideal for CAD/CAM beginners



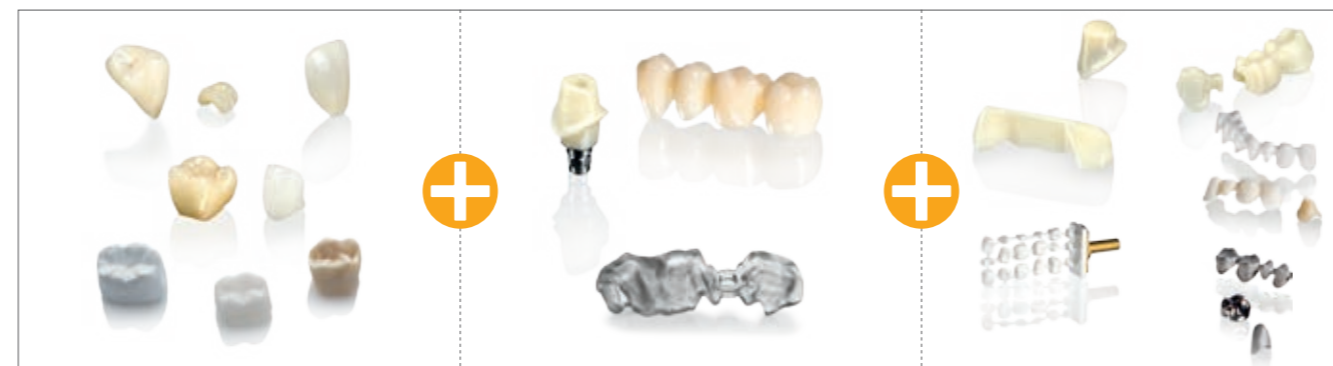
CEREC MC X

- Entire chairside range with block sizes up to 40 mm, incl. bridges and abutments
- Precise and fast
- Optional upgrade with the CEREC Premium software
- CEREC Guide 2 surgical guide



CEREC MC XL Premium Package

- Entire practice and practice laboratory range for block sizes up to 85 mm
- Grind/mill all CEREC & CEREC Premium indications and materials
- Precise and fast
- Convenience with four motors and a user-friendly touchscreen
- CEREC Guide 2 surgical guide
- Opt. „extra-fine“ milling



- CEREC SpeedFire**
- Speed sintering of full contour zirconia
 - The extremely accelerated processes make a single-visit treatment possible
 - Speed + Pre-Dry
 - Wet-milled restorations can be made in one process
 - Maximum sintering temperature: 1600°C
 - Speed Glaze process
 - Fastest glazing process in < 9 minutes
 - Maximum warm-up speed 300°C/min
 - No preheating or holding temperatures needed
 - Active cooling
 - Shortens waiting time by active cooling
 - Interfaces: 2x USB 2.0, 1x LAN (RJ45), WLAN (optional via WLAN USB dongle)

The figures refer to processing times of CEREC Zirconia and depend on the sintered volume and color.

YOUR PRODUCTION OPTIONS WITH CEREC

Performance features	CEREC MC	CEREC MC X	CEREC MC XL Premium Package
Indication	Full-contour single-tooth restorations	Complete chairside spectrum	Complete spectrum of chairside and practice lab applications
Milling accuracy	± 25 µm	± 25 µm	± 25 µm
Maximum block size	15.5 mm x 19 mm x 20 mm	15.5 mm x 19 mm x 40 mm	22 mm x 40 mm x 85 mm
Touch display	–	–	■
Four spindle motors	–	–	■
CEREC SW 4.4.2	■	■	■
Single-tooth restorations (feldspathic, glass, and lithium disilicate ceramic, full contour zirconia, hybrid ceramic, polymer blocks in mono sizes)	■	■	■
Bridges with up to four units	–	■	■
Abutments/screw-retained crowns	–	■	■
CEREC Guide surgical guides	–	■	■
CEREC Premium SW 4.4.2	□	□	■
Copings, frameworks, bars, attachments, telescopes, multilayer, stack milling, nesting	–	□	■
Sintered metal	–	□	■
Frameworks with up to twelve units	–	–	■

■ Available □ Optional

CEREC CERTIFIED MATERIAL PARTNERS:

