

DENTAL TRIBUNE

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CAPP signs marketing agreement with Gulf Medical University and Thumbay Dental Hospital

By CAPPmea / Dental Tribune MEA

CAPP has been appointed by Gulf Medical University and Thumbay Dental Hospital as a marketing partner for the Impacted Wisdom Teeth Management Clinical Certificate programme. The live patient surgical course is starting on 4 November 2021 in UAE.

Impacted Wisdom Teeth Management Clinical Certificate is a comprehensive live patient treatment programme, designed to address one of the most common problems that a dentist faces, which is managing patients with impacted wisdom teeth. Management of the patients requires an appropriate risk assessment that leads to a decision of either to extract it or not. Moreover, management might require a referral of the patient to a special-

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ist when the case is outside the scope of practice of a general dentist. The main aim of the course is to enable GP dentists to manage patients with problems related to impacted wisdom teeth.

The programme consists of ten days – four theoretical days and six live patient clinical sessions performed by the participants. Each participant will manage minimum of six patients with impacted teeth under the supervision of the faculty members. Faculty of the course are Prof Hesham Marei, UAE, Consultant of Oral & Maxillofacial Surgery, Dean, College of Dentistry, Gulf Medical University as well as Dr Andrew Cronin, UK, Consultant of Oral & Maxillofacial Surgery, Prof Angelo Cardarelli, Italy, Specialist of Oral & Maxillofacial Sur-

gery and Dr. Ahmed Salloum, UAE Assistant Professor and Specialist of Oral & Maxillofacial Surgery.

The signing of the Agreement was completed online by Prof Hesham Marei representing Gulf Medical University, Dr Sanjeev Kumar Mehta, COO representing Thumbay Dental Hospital and Petar Mollov, Marketing Director and Shareholder representing CAPP Events & Training.

Further information about the Impacted Wisdom Teeth Management Clinical Certificate programme can be found on the following website: www.cappmea.com/impacted-teeth-live-patient-certificate 



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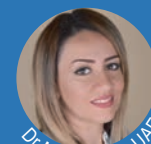
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Visit the website for the full list of speakers



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New CEREC Tessera high-strength glass ceramic blocks impress with fast processing, high aesthetics and robust strength

By Dentsply Sirona

Dentsply Sirona is introducing CEREC Tessera advanced lithium disilicate CAD/CAM blocks, a new material for CAD/CAM-fabricated restorations for anterior and posterior regions. The advanced lithium disilicate (ALD) ceramic is characterized primarily by the fact that it can be fired exceptionally quickly. The glaze firing takes only four and a half minutes, so the entire manufacturing process is accelerated. In addition, it offers high aesthetics and flexural strength, making CEREC Tessera blocks an attractive option within single-visit dentistry.

High-strength glass ceramics are frequently used by dentists when fabricating a restoration. The reason is mainly aesthetics – patients usually want restorations looking nearly identical to their natural teeth. Lithium disilicates play an important role in this group of materials: their results are convincing in all regions of the mouth and they can be used for CAD/CAM-fabricated restorations, i.e. in CEREC Primemill.

Advanced material properties due to optimised microstructure

CEREC Tessera blocks are an advanced lithium disilicate ceramic for the CEREC workflow that accelerate the entire manufacturing process by shortening the glaze firing time – a crown can be fired in the CEREC SpeedFire in just 4 minutes and 30 seconds. Compared to other glass ceramics, this represents a time savings in the entire manufacturing process (grinding and firing).

The fast firing time is mainly made possible by the special and new composition of the ceramic made of lithium disilicate and virgillite, a lithium aluminum silicate. Tessera blocks are composed of a new material containing virgillite. During the firing process, new virgillite crystals are formed and embedded in a zirconia enriched glass matrix. Together, these material constituents combine to create a robustly reinforced, high-density restorative material. The dense interwoven crystal composition of CEREC Tessera blocks is key to their high strength and helps suppress the presence of microcracks and subsequent crack propagation. The same microcrystal composition (lithium disilicate and virgillite) of CEREC Tessera blocks that is responsible for the material's high biaxial and flexural strength also contributes to its highly aesthetic and dynamic light refraction, transmission, and absorptive properties that mimic the visual vitality of natural dentition.

The high-strength nature of CEREC Tessera blocks further provide clinical benefits via low minimal wall thickness preparation guidelines and the ability to use conventional cementation. All CEREC Tessera restorations can be fixed adhesively (for example with Prime&Bond and Calibra Ceram). Restorations with a wall thickness of 1.5 mm can also be conventionally cemented with a glass ionomer or hybrid glass ionomers (for example Calibra Bio).



CEREC Tessera is an advanced lithium disilicate ceramic for the CEREC workflow that can be excellently processed in the CEREC Primemill.



With high strength, sophisticated aesthetics and fast processing, CEREC Tessera blocks open up new possibilities for patient care in a single visit.



For Dr. Andrew Hall, dentist from Colorado Springs (Colorado), the glaze firing time of CEREC Tessera is a real gamechanger.



Glaze firing of CEREC Tessera blocks takes just four and a half minutes in the CEREC SpeedFire, which reduces the overall fabrication process time.

CEREC Tessera blocks as a solution for three requirements

The first users are enthusiastic about CEREC Tessera blocks. Dr. Andrew Hall, a key opinion leader who works with Dentsply Sirona and general

dentist from Colorado Springs in the U.S., states, "The extremely fast matrix firing cycle is unlike anything we have seen. The time savings are tangible and really the whole process is just simple, yet the result is a robust

restorative material. The combination of speed, strength and aesthetics truly sets the material apart."

"With the new CEREC Tessera blocks, we have achieved three essential clinician requirements for a restorative ceramic – speed of processing, aesthetics, and strength," explains Tom Leonardi, group vice president at Dentsply Sirona. "In this way, the overall treatment time with CEREC will be markedly shortened. This helps to further improve the cost-effectiveness of this concept and also offers real added value to patients on their way to a healthy smile."

CEREC Tessera blocks are indicated for fully anatomical single-tooth restorations in the anterior and posterior regions, including crowns, inlays, onlays, and veneers. [\[1\]](#)

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Mectron prophylaxis

P3—the new full-scope maintenance insert

By Mectron

Mectron has recently launched on the market a new ultrasound insert specially designed to gently and effectively remove supra and subgingival biofilm.

- Its slim shape allows an easy access in deep periodontal pockets and interproximal spaces in all the quadrants.
- Thanks to its remarkably linear movement it is minimally invasive for the soft tissues and root cementum and preserves the epithelium.
- The best interproximal and subgingival cleaning.
- It effectively removes extrinsic stains.
- It gives the clinician an optimal

intraoperative control and a secure feeling while working interproximally, supra and subgingivally.

Pleasant and comfortable treatment for the patient thanks to the SOFT MODE function, which reduces the amplitude of the ultrasound oscillations and allows the insert to move gently and efficiently. More sensitive patients will benefit greatly from this mode and will be more likely to trust their dentists. [DT](#)

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P3—the new full-scope maintenance insert

Planmeca to acquire Envista's KaVo treatment unit and instrument business

By Dental Tribune International

HELSINKI, Finland/BREA, Calif., US: It was announced today that Planmeca, one of the largest privately owned manufacturers in the dental field, has entered into a binding agreement to acquire the KaVo treatment unit and instrument business from Envista for up to US\$455 million (AED 1,626 million), including a potential earn-out payment of up to US\$30 million. The transaction is expected to close at the end of this year.

The business to be sold is part of Envista's equipment and consumables segment, and the business's revenue was approximately US\$357 million and US\$317 million in the fiscal years 2019 and 2020, respectively. Envista's imaging business, which currently also uses the KaVo brand for select products, will remain with Envista as part of the equipment and consumables segment.

Planmeca will acquire a 51% stake of the KaVo treatment unit and in-

strument business, and the remaining 49% will be bought by Planmeca founder and President Heikki Kyöstiä as a private individual.

According to Planmeca, the acquisition will strengthen Planmeca's and KaVo's positions as leading providers of innovative dental solutions and increase Planmeca Group's annual revenue to more than €1.1 billion (US\$1.3 billion).

"Envista is focused on its strategic

priorities to build and optimise a more consumables and digitally enabled workflow-oriented portfolio. This sale will better position Envista to invest organically and inorganically and expand our product offerings within these areas," said Envista's CEO, Amir Aghdaei, in a company press release.

Kyöstiä commented in a Planmeca press release: "This partnership will make us a very strong player in the dental field. I believe our companies

are a great match—we share the same standards and passion for high technology, quality and innovation, and for offering a complete digital workflow for our customers. We also share similar company cultures with a strong family business heritage. Caring for our employees and focusing on our customers have always been important values for us both." [DT](#)

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- High translucency and perfect colour adaption
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- Superior physical properties
- Packable consistency (also available as Composan LCM flow)





Glass ionomer filling material

- Setting time is individually adjustable by light-curing
- No need to condition the dental hard tissue
- Immediately packable after placement in the cavity
- Does not stick to the instrument and is easy to model
- No varnish required - fill, polymerise and finish



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Zetaplus System

A range of condensation silicones for impression taking that responds with versatility to the diverse needs of clinical practice.

By Zhermack

The first Zhermack silicone

Zetaplus System was Zhermack's first ever range of silicones and has been on the market for over 30 years. From the initial concept to the final product, all steps of the manufacturing process take place in-house, with stringent controls on both the choice of the starting materials and production processes. This allows us to offer constant quality and high performance.

Zetaplus System, used and highly-regarded worldwide, has come to be considered synonymous with guaranteed quality and reliability by dental sector practitioners.

1. Hydrocompatibility of the fluids

The more hydrocompatible a material is, the better it will flow and copy details accurately in wet areas.

The hydrocompatibility of the range's fluids, Oranwash L and VL, helps to obtain an accurate impression. Oranwash L and Oranwash VL were seen to have one of the best contact angles, when compared with some of the market's best-known condensation silicones*.

2. Biocompatibility on damaged mucosae

The degree of biocompatibility of Zetaplus System makes it suitable for use on both intact and damaged mucosae, thereby favouring the practitioner's satisfaction.

3. High final hardness**

Contributes to obtaining an accurate model once the gypsum has been cast

4. Tear resistance

Reduces the risk of the impression tearing when it is removed from the patient's mouth.

5. Safe for use even on intolerant patients

All Zhermack condensation silicones are gluten- and lactose-free, guaranteeing peace of mind and safety even when used on intolerant patients. This allows the dentist to perform impression procedures with peace of mind and in absolute safety.

All Zhermack condensation silicones can be disinfected using products containing quaternary ammonium salts and alcohol, such as Zeta 7 Spray and Zeta 7 Solution and Zhermack's Zeta Hygiene line.



A history of world-renowned quality and reliability: Zetaplus System, our hallmark of guaranteed quality. **DT**

To learn more please visit www.zhermack.com/en/product_category/dental/dental-practice/impression-systems/master-impression/condensation-silicones/.

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**Zetaplus compared to Zetaplus Soft

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Primescan Scanner and OraCheck Software

A new dimension in patient communication and treatment acceptance

By Dentsply Sirona

Combine the Primescan intraoral dental scanner with OraCheck software and you can visualize, document, and communicate patient changes easily and effectively using digital intraoral monitoring. Together, they deliver revealing, three-dimensional comparisons between digital scans to monitor for:

- Loss of tooth substance (abrasions, erosions, and dental fractures)

- Gingival changes (recession and swelling)
- Plaque buildup
- Tooth movement (before, during and after treatment)

When you start every visit with an intraoral scan, you can track and record changes in the intraoral space and enhance patient communication for years to come. In the process, you can also enhance patient confidence: 80% of patients would feel more confident they're getting the

best care if digital technology was used.

Primescan and OraCheck make changes in patients' oral health "pop"

"OraCheck shows me exactly what has changed in my patients since I've seen them," says Dr Jake Skowronski of Lakeshore Dentistry in Mooresville in the U.S. "No more assumptions and educated guesses based on photos and analog methods."

OraCheck software provides 3D comparisons between two intraoral scans by superimposing them and highlighting differences with color, to help you quickly visualize them and aid in diagnoses and treatments.

It's as simple as scan, import/export, analyze

With the Primescan intraoral scanner and OraCheck software, it's never been easier to monitor your patients and quickly identify any changes in their oral health.

SCAN: Capture a highly accurate, full-jaw scan (upper arch, lower arch, and buccal bite) in under a minute with Primescan.

EXPORT/IMPORT: Choose from three different workflows to export a Dentsply Sirona scan, or import an STL scan to OraCheck. The reference scan is superimposed over one or more scans for comparison.

ANALYZE: Arrange the scans and interpret them using the 3D models with changes highlighted by the OraCheck software. It's that easy—and effective.

Add another powerful diagnostic tool to your practice

Primescan and OraCheck, along with traditional monitoring and diagnostic methods, give you the support you need to create efficient and effective treatment plans for your patients.

"Having exact measurements not only provides me with an accurate assessment, but also allows me to visually show the patient the quantifying erosion, abrasion, abfraction, tooth chipping, tooth drift, and gingival changes," says Dr Skowronski. "This builds trust and confidence from my patients, allowing me to provide a new standard level of exceptional dentistry."

Enhance practice value

Taking digital impressions using the Primescan intraoral scanner enhances your practice in other ways, as well. It increases patient comfort for your other workflows—and can help elevate office efficiency by allowing you to delegate easy, intuitive impression-taking with Primescan to your assistants.

Now, see for yourself

Primescan intraoral scans are the ideal entry point for digital dentistry—and when paired with OraCheck software, can help take your patient monitoring to another level to meet the needs of your patients and practice. **DT**

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