

DENTAL PROFESSIONALS ONLY

# DENTAL TRIBUNE

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### ENDO TRIBUNE

Exploring endodontic at the 36<sup>th</sup> Dental ConfEx in Dubai

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### HYGIENE TRIBUNE

Mouthwash may reveal risk of cardiovascular disease

Insertion E

## 36<sup>th</sup> edition of the CAPP ConfEx: What to expect?

By CAPP Events & Training

Anticipate an exciting development for the upcoming event: an impressive addition of 80+ speakers! The roster of experts, thought leaders, and industry professionals promises to offer a rich insights, perspectives, and experiences across a wide spectrum of dentistry-related topics. Here, CAPP presents a sneak peek of the standout speakers and their engaging sessions:

Dr Mauro Fradeani: "A 40-year experience on aesthetic rehabilitation:

*the evolution of clinical approach and techniques".* Dr. Mauro Fradeani is an Italian dentist and prosthodontist, who is widely recognized as a leading expert in the field of aesthetic and restorative dentistry. He is the founder and director of the ACE Institute, which is a private educational institution that offers advanced training programs in restorative dentistry. He has received numerous awards and recognitions for

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(Image: CAPP Events & Training)

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his contributions to the field of restorative and aesthetic dentistry, and is widely regarded as one of the most influential and respected dental professionals in the world.

Dr. Galip Gürel: "Predictable and long term success in aesthetic dentistry". Dr. Galip Gürel is a renowned Turkish dentist and prosthodontist with over 30 years of experience in cosmetic and restorative dentistry.

He is widely recognized as one of the world's leading experts in aesthetic dentistry and has lectured and published extensively on the subject. Overall, Dr. Galip Gürel is a highly respected and influential fig-

ure in the field of aesthetic dentistry, known for his expertise, innovation, and dedication to advancing the field.

Dr. Marcio Vican Cardoso: "Current workflows for indirect resto-

rations: indications and treatment plan". Dr. Marcio Vican Cardoso has worked in both public and private sectors as a dentist, and has been involved in the academic formation of students as a lecturer and professor. His areas of focus include dental materials, minimal intervention dentistry, and aesthetic dentistry. After completing his PhD, he conducted research on biomaterials as a Post-Doctorate Researcher at the Catholic University of Leuven, Belgium. He has published numerous scientific articles in international peer-reviewed journals, authored book chapters on Dental Materials, and collaborates as a reviewer for peer-reviewed journals.

Dr. Miguel Stanley: "Building a successful practice around successful regeneration". Dr. Miguel Stanley, a highly regarded dental practitioner and advocate for ethical dentistry. Dr. Stanley is based in Lisbon, Portugal, where he runs a state-of-the-art dental clinic that focuses on patient-centered care and innovative technology. In addition to his clinical work, Dr. Stanley is a passionate advocate for ethical dentistry and has spoken out against practices such as unnecessary treatments and over-prescribing antibiotics. He is also involved in various charitable initiatives, including providing free dental care to underprivileged communities in Africa.

In addition to keynote speakers, the event will feature panel discussions, breakout sessions, and networking opportunities where participants can connect with other attendees and exchange ideas. The event is designed to be interactive, engaging, and informative, so everyone can make the most of their time and investment.

Don't miss this opportunity to learn from the best and brightest minds in your field. Register now and join us for an unforgettable experience that will shape your future success!

This leading international event will include the sub-events:

- CAD/CAM & Digital Dentistry Conference & Exhibition
- Dental Facial Cosmetic International Conference & Exhibition
- Digital Orthodontics Symposium (DOS)
- Pediatric Dentistry Symposium (PDS)
- Dental Hygienist Seminar (DHS)
- Dental Technician International Meeting (DTIM)

For more information on the speakers and registration, visit the website [www.cappmea.com/confex](http://www.cappmea.com/confex)

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# SAVE THE DATE

## 15-16 NOVEMBER 2024

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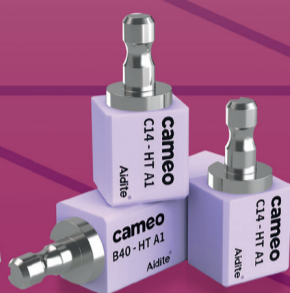
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# Transforming smiles with a revolution in digital dentistry



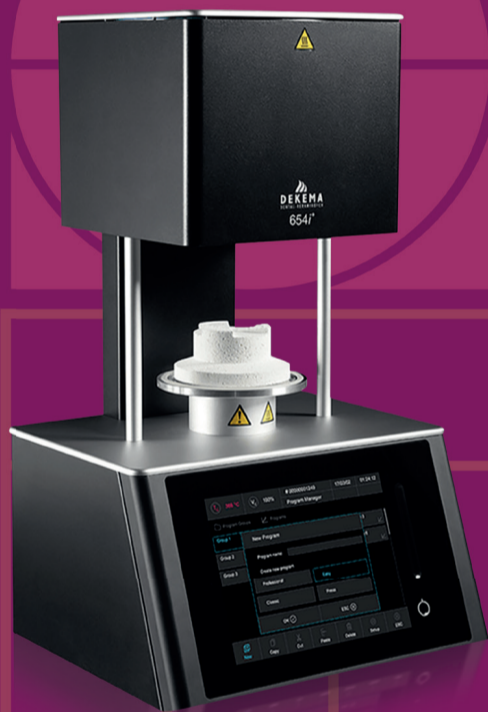
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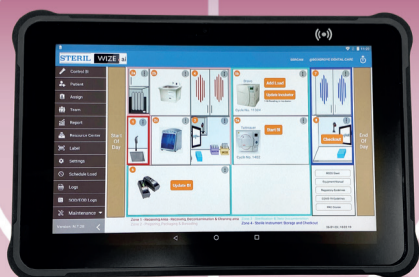
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# BePro – Professional protection

The new W&H hygiene portfolio for maximum safety

By W&H

Comprehensive and professional hygiene management is essential for clinics, practices and laboratories. The safety of the patients and the entire practice team is a top priority. W&H presented the new hygiene portfolio "BePro – Professional Protection" for the first time at IDS 2023. The company thus covers the entire need for disinfectants and cleaning agents in practices and enables the highest standards of hygiene with this versatile overall solution.

With BePro, W&H now offers a comprehensive range of disinfectants and cleaning agents. It is oriented towards the needs in practice and convinces with effective, efficient, and compatible products. From surface and instrument disinfection to the removal of microorganisms from suction systems, products for automated reprocessing to personal hygiene and hand care – BePro offers the right product for every application and impresses with the simplicity of use: the products are quickly effective and enable safe and gentle cleaning.

## Comprehensive and concise hygiene assortment

The BePro portfolio consists of a total of eighteen cleaning and disinfection agents for five different areas of application. Depending on the area of application, the products are divided into colours which make it easier for users. With BePro, W&H offers disinfectants and cleaning agents for surfaces, instruments, suction systems, automated reprocessing, and hand care.

## Effective, efficient, and compatible

The new W&H hygiene assortment is convincing on all levels: the products cover a broad pathogenic spectrum and are characterised by high disinfection and cleaning efficiency. Short exposure times, low dilution rates for concentrates and practical all-in-one products make BePro a reliable companion in everyday practice. In addition, BePro products are gentle on the material and compatible, many of them are refillable and biodegradable. "With our new BePro hygiene assortment, we offer an easy-to-use and safe comprehensive system for users.



With BePro, W&H now offers a comprehensive range of disinfectants and cleaning agents. (Image: W&H)



W&H offers disinfectants and cleaning agents for surfaces, instruments, suction systems, automated reprocessing, and hand care. (Image: W&H)

Thanks to effective and reliable products, BePro enables safe work – our users can thus concentrate fully on the well-being of their patients," explains W&H Product Manager Federico Zunica.

With W&H AIMS (aims.wh.com), W&H provides users with a guide for the optimal reprocessing workflow. The new BePro cleaning and disinfection agents fit perfectly into the hygiene cycle and enable a professional hygiene management.

# Small turbine handpieces for top-level requirements

By W&H

Small, but mighty! The TK-94 L is the smallest of W&H's Synea Vision turbine handpieces, convincing with modern technology, intelligent design, and optimal power. The turbine handpieces are particularly suitable for minimally invasive procedures thanks to their extra small head sizes. They are mainly used in geriatric and paediatric dentistry as well as for nervous patients as they allow stress-free and gentle treatment.

The TK-94 L microturbine is the smallest turbine handpiece in the W&H range. With a diameter of just 9 mm and head height of 17.2 mm, including mounted 16 mm bur, it ensures safe and efficient treatment in the smallest spaces. "As a dentist who treats patients, the main benefits of the TK-94 L are the ergonomics and functionality resulting from its slim design", explains Salzburg-based paediatric dentist Dr Dinah Fräble-Fuchs.

## Small head, high-quality features

When it comes to features, the TK-94 L can easily keep up with W&H's larger dental turbines. The 5x spray constantly cools the bur tip in every application position, while the innovative LED technology perfectly illuminates the treatment site. Despite the smaller turbine head, the integrated Power Blade Rotor boasts an impressive 14 Watts of power and thus provides remarkable torque. The precision instrument is also equipped with the patented W&H hygienic head system. The circulating air in the turbine head prevents aerosol particles from being sucked in as the rotor runs down.

## Sustainability through quality

Even after numerous sterilization cycles, the ScratchBlocker coating of the Synea Vision turbine handpiece doesn't show any signs of wear, an indication that the W&H microturbine also impresses when it

comes to easy maintenance. A high-quality ceramic ball bearing is integrated into the turbine head. All in all, the W&H turbine handpieces are robust, long-lasting, and reliable quality products with high-value retention.

## Stress-free and gentle treatments

Patients benefit from precise, safe, and gentle treatment thanks to the microturbine's light weight and non-slip profile. The ceramic ball bearing ensures dentists can work quietly and without vibration, which is particularly advantageous when treating children or elderly patients.

"I don't want my patients to be nervous or in pain during treatment. I consider the TK-94 L to be ideal for paediatric dentistry – it simply unbeatable when it comes to carrying out treatment in hard-to-reach places or if patients cannot open their mouths that wide", says Dr Dinah Fräble-Fuchs when discussing the benefits of the W&H microturbine.



The TK-94 L microturbine is the smallest turbine handpiece in the W&H range. (Image: W&H)



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# Medifil IX forte: glass ionomer filling material for a variety of indications

By Promedica

Medifil IX forte can be used without conditioner or adhesive. Its main benefits are the non-sticky consistency and the perfect marginal adaptation.

## Optimal material characteristics and perfect handling

Medifil IX forte convinces by its great material properties, such as high compressive strength and abrasion resistance. Owing to a variable mixing time the product's consistency can be adjusted to a certain extend. The material can be modelled and polished immediately after the insertion without sticking to the instrument.

## Perfect for various indications

Medifil IX forte is indicated for restorations of non-occlusion-bearing Class I cavities, semi-permanent restorations of Class I and II cavities, restorations of cervical lesions, Class V cavities, root caries, restorations of Class III cavities, restoration of deciduous teeth, as a base/liner, for core build-ups as well as for temporary restorations.

The special capsule design is perfect for smaller cavities and areas in the mouth, which are difficult to reach.

## Benefits of the special capsule

Medifil IX forte comes in a special capsule, which can be activated without an activator. Instead, the capsule is placed on a firm surface (e.g. a table) and pushed down by hand. The liquid containing flask is pushed into the powder chamber in order to combine powder and liquid. After the ensuing mixing process, the capsule is immediately ready for use.

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(Photos: Promedica)

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# World-class Osstem Implant Dental Clinical Education System

By Osstem Implant

Osstem Implant, the world's No. 1 implant sales company, invites 1,500 dentists from 22 countries, including China, Japan, Germany, and Australia, to its headquarters in Korea to provide clinical training this year.

Osstem established South Korea's first implant training centre in 2001 and provided dentists in South Korea and other countries with free training on implant surgery procedures.

By the end of 2022, the Osstem training centre had conducted implant surgery training for more than 110,000 dentists across the globe, 85% of whom were foreign dentists. Osstem expects some 160,000 dentists to complete its clinical training programmes by 2026.

Osstem's confidence in conducting invitational training comes from over 20 years of offering clinical training to dentists and having established an environment equipped with the industry's best

educational facilities and practice equipment.

## **A systematic curriculum that covers both theory and practice, and the best educational environment**

Osstem has established Osstem training centres at its 32 overseas subsidiaries in 36 countries to operate more than 100 regular education sites and deliver online lectures on live surgery and other relevant areas.

Osstem's Central Research Institute has a separate training facility. The institute provides specialised facilities for each training course, including a digital seminar room, implant seminar room, operating room set up for live broadcasting and technician seminar room. Dental professionals can also experience the latest devices in practical demonstrations, including SMS, the implant surgery engine, the OneMill 5x five-axis dry milling machine (Osstem), the Osstell Beacon implant stability quotient measuring

instrument and the TRIOS 4 wireless intra-oral scanner (3Shape).

Osstem's clinical training programme takes both theory and practice seriously. In particular, the emphasis is on practical training so that what they learn can be put to use in practice. This year as well, we will offer to German dentists a lot of short-term hands-on courses based on Osstem Implant products to make difficult procedures, or those that have never been attempted previously, easy.

The most distinguishing feature of this course is that it allows dentists to experience the sinus procedure, which is avoided by many dentists unless they are oral surgeons, through hands-on practice so that any dentist can easily perform it. Osstem has made it easy for 10,000 dentists to perform sinus surgery through short-term hands-on courses for the past ten years. Sinus surgery, which is always encountered while performing maxillary molar implants, is in many cases avoided as it is difficult for doctors

who are not inclined. With the crestal approach sinus (CAS) kit or the lateral approach sinus (LAS) kit developed by Osstem Implant, the sinus membrane can be raised easily without being torn, and implants can be placed in the desired area after bone grafting.

## **Expanding the proportion of digital education-centered curriculum and Supporting the popularisation of implant surgery around the world**

Osstem Implant selects lecture topics according to the needs of each country and organises courses, but considering that digital planning, which can effectively respond to any clinical condition and produce accurate results, they plan to increase the proportion of lectures that help in understanding digital dentistry.

Osstem Implant provides basic concepts and usage methods of 'OneGuide', Osstem's implant placement template, and applied technologies in various placement envi-

ronments using 'OneCAS' and 'OneMS' kits and templates through excellent lecturers already recruited from each country, lectures, etc.

Osstem explained the basic concept of a digital workflow to dentists taking training and emphasised that an in-office all-in-one system can be built by utilising an intra-oral scanner, CBCT device, dental 3D printer, and milling equipment. Osstem commented, "It's time now to get started in the fascinating field of digital dental medicine", underlining the advent of the digital era. They added, "Digital planning that can effectively respond to any clinical condition and produce accurate results is now a key factor for a successful implant surgery." The company's T2 CBCT unit is also demonstrated to dentists to aid their understanding of digital dental equipment.

Osstem Implant plans to invite dentists from all over the world to its head office in Korea to continue clinical training, and to provide various practical training and seminars at each overseas corporation.



**Global Dental Implant Company**  
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OSSTEM IMPLANT has 30 subsidiaries worldwide, Including China, Japan, the United States, Germany and a global network in more than 80 countries.

Osstem Middle East FZCO,  
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