DENTAL PROFESSIONALS ONLY

DENTAL TRIBUNE

The World's Dental Newspaper · Middle East & Africa Edition

PUBLISHED IN DUBAI

www.dental-tribune.me

July-August 2019 | No. 4, Vol. 9

ENDO TRIBUNE
Project for improved root canal therapy launched
▸A1-4

LAB TRIBUNE
SS White introduces Great White carbide lab burs
▸B1-4

IMPLANT TRIBUNE
Study introduces new surgical guide for placement of zygomatic implants
▸C1-4

ORTHO TRIBUNE
Invisalign Q&A with Simon Beard, Senior Vice President...
▸D1-4

HYGIENE TRIBUNE
Reducing plastic footprint with zero-waste toothpaste
▸E1-4

"EMS office in Amman has equipped itself with a top training centre accredited by SDA"


© EMS

EMS team

By Kinga Mollov, DTMEA

Dental Tribune MEA recently interviewed Mr Ziad Al Asali, General Manager for IMEA region in regards to the opening of the new training centre in Jordan.

Mr Ziad, could you please briefly introduce yourself?
I completed my Master of Science in Biomedical Engineering back in 1990 and since then worked with several medical and dental companies in the MEA region. Last year I had the pleasure to join EMS as the General Manager for India, Middle East and Africa (IMEA) region.

Please share with us your vision as General Manager for IMEA of EMS.

What is your vision for the future in the region?
IMEA region is a very rich region in human resources with a very open mentality to new technologies and new clinical solutions, yet you can find big differences in dental practices from one country to another. Our mission here at EMS is simple, we want to spread the GBT (Guided Biofilm Therapy) culture in the area, as it is one of the greatest inventions in preventive dentistry.

Congratulations on having opened the new EMS office in Jordan. What was the thought process of chosing Jordan as the main location?
Jordan has a unique position in the area. It is located very close to Africa with equal distance from other Middle Eastern countries, also not far from India. At the same time Jordan is rich with human resources from neighbouring countries; additionally it has some additional beneficial facilities for international regional offices.

How will the dental professionals benefit from the new office in Jordan?
The mission of the office is not only to organise the relations with partners and end users but also to have a regional aftersales department who will take care of service issues in the area from training, maintenance and securing the right use of EMS equipment. We are proud to announce that the EMS office in Amman is equipped with one of the top training facilities and according to Swiss standards has been accredited by Swiss Dental Academy (SDA).

Can we expect EMS to organise more educational courses organised in the region?
Of course the presence of SDA training center in our Jordan office will heavily contribute in organising GBT courses on a weekly basis. We would love to transfer the great experience of our local KOL's to the world through the great presence of EMS on the international tribune.

Can we expect EMS to open any other offices in MEA in the near future?
All options are open, however our mission is to be less bureaucratic and more practical with the customer. EMS is ambitious to open training centres' for Swiss Dental Academy in every country. DT

For more information contact:

E.M.S. Electro Medical Systems S.A.
Tel: +41 22 994 26 60
Mob: +41 79 569 12 14
Web: www.ems-company.com
Web: www.ems-dent.com

The Dentsply Sirona Global Clinical Case Contest 2018-2019

By Dentsply Sirona

Every year, dental undergraduate and graduate students, with less than 2 years of clinical practice, are invited to participate by documenting a patient case with photographs and text. Since its inception in 2004-2005, more than 3,900 dental students have participated, with the 2018-2019 competition drawing a total of about 1,242 entries, from 134 universities.

This year the regional winner for MENA was Rana Ali Al-Saadi from Ibn Sina National College, Saudi Arabia. Check out her winning case!

Introduction to the case

A 44 year-old male patient came to the clinic to solve his aesthetic problem related to incisors, canines 13, 12, 11, 21, 22.

Treatment options

1: Crowns related to #11, 12, 21, Direct veneer #22 and class V composite restoration related to #13.
2: Build up related to #11, 12, 21, Direct veneer #22 and class V composite restoration related to #13.

Treatment options were discussed with the patient and the patient chose the second option.

Student: *Rana Ali AL-Saadi*
Tutor: *Dr. Gautam Singh*
University: *Ibn Sina National College*
Country: *Kingdom Of Saudi Arabia*

Before

After

Step 1 – Digital smile design
Digital smile designing done according to golden proportions for a predictable clinical outcome.

Step 2 – Isolation
After shade selection (A3) the anterior area was isolated with rubber dam and stabilised with knot ligatures for preventing leakage and adequate retraction teflon tape used.

Step 3 – Cavity preparation
Caries excavation and final cavity preparation with bevel was prepared.

Step 4 – Etching
The etching protocol was done using DeTrey® Conditioner 36 for 15s then rinsed with water spray.

Step 5 – Bonding - palatal wall & build up
The Adhesive system was applied (Prime& Bond univarsal™) and light-cured. Build up of the palatal wall using the silicon key, the proximal wall contours were created using sectional matrix. Dentine shade (ceram.x® duo D3) and enamel shade (ceram.x® duo E2) were used.

Step 6 – Contouring
Restorations were marked with graphite to highlight transitional lines, mesial - distal inclination and developmental grooves. Gross three dimensional contouring was done using diamond burs. Interdental finishing strips were used to remove excess and shape emergence profile of the teeth.

Step 7 – Finishing & Polishing
Finishing was completed using (Enhance® Finishing System) and then the polishing procedure was completed using (Enhance® PoGo system and Prisma Gloss® pastes).

Step 8 – Post operative view
Highly aesthetic outcome using (ceram.x® duo).

Material and Method

The digital smile design approach is very beneficial in deciding the preferred ideal outcome. Interpretation was onto the diagnostic wax up. After isolation with the rubber dam, caries excavation and cavity preparation was performed. Teeth were etched with DeTrey® Conditioner 36 rinsed and dried. Prime&Bond universal™ was applied and light-cured. Reconstructions were made with (ceram.x® duo) using a multi-layering technique with dentin shade (ceram.x® duo D3) and enamel shade (ceram.x® duo E2). For finishing & polishing firstly finished with a diamond bur, then with Enhance® Finishing System and Polishing with Enhance® PoGo system and Prisma Gloss® pastes.

Discussion and Conclusion

Re-creating an aesthetic smile was a challenging task in the present case. The final restoration satisfied the patient's expectations. Ceram.x® duo showed a remarkable final natural appearance in this case. Ceram.x® duo has excellent handling, finishing, and polishing properties that resulted in a highly aesthetic outcome. DT

IMPRINT

PUBLISHER/ CHIEF EXECUTIVE OFFICER
Torsten R. OEMUS

CHIEF FINANCIAL OFFICER
Dan WUNDERLICH

DIRECTOR OF CONTENT
Claudia DUSCHEK

SENIOR EDITORS
Jeremy BOOTH
Michèlle HODAS

CLINICAL EDITORS
Nathalie SCHÜLLER
Magda WOJTKIEWICZ

EDITORS
Franziska BEIER
Brendan DAY
Monique MEHLER
Kasper MUSSCHE

COPY EDITOR
Ann-Katrin PAULICK
Sabrina RAAFF

BUSINESS DEVELOPMENT & MARKETING MANAGER
Alyson BUCHENAU

DIGITAL PRODUCTION MANAGER
Tom CARVALHO
Andreas HORSKY
Hannes KUSCHICK

PROJECT MANAGER ONLINE
Chao TONG

WEBSITE DEVELOPMENT
Serban VERES

E-LEARNING MANAGER
Lars HOFFMANN

SALES & PRODUCTION SUPPORT
Puja DAYA
Hajir SHUBBAR
Madleen ZOCH

EXECUTIVE ASSISTANT
Doreen HAFERKORN

ACCOUNTING
Karen HAMATSCHEK
Anita MAJTENYI
Manuela WACHTEL

EXECUTIVE PRODUCER
Gernot MEYER

ADVERTISING DISPOSITION
Marius MEZGER

DENTAL TRIBUNE INTERNATIONAL
Holbeinstr. 29, 04229 Leipzig, Germany
Tel.: +49 341 48 474 302
Fax: +49 341 48 474 173
www.dental-tribune.com
info@dental-tribune.com

DENTAL TRIBUNE ASIA PACIFIC LTD.
Room A, 20/F
Harvard Commercial Building
105–111 Thomson Road, Wanchai, HK
Tel.: +852 3113 6177
Fax: +852 3113 6199

THE AMERICA, LLC
116 West 23rd Street, Ste. 500, New York
N.Y. 10011, USA
Tel.: +1 212 244 7181
Fax: +1 212 244 7185

DENTAL TRIBUNE MEA EDITION EDITORIAL BOARD
Dr. Aisha SULTAN ALSUWAIDI, UAE
Prof. Paul TIPTON, UK
Prof. Khaled BALTO, KSA
Dr. Ninette BANDAY, UAE
Dr. Nabeel HUMOOD ALSABEEHA, UAE
Dr. Naif Almosa, KSA
Dr. Mohammad AL-OBAIDA, KSA
Dr. Meshari F. ALOTAIBI, KSA
Dr. Jasim M. AL-SAEEDI, Oman
Dr. Mohammed AL-DARWISH, Qatar
Dr. Dobrina MOLLOVA, UAE
Dr. Ahmed KAZI, UAE
Dr. Munir SILWADI, UAE
Dr. Khaled ABOUSEADA, KSA
Dr. Rabih ABI NADER, UAE
Dr. Ehab RASHED, UAE
Aiham FARRAH, CDT, UAE
Retty M. MATTHEW, UAE

PARTNERS
Saudi Dental Society
Saudi Ortho Society
Lebanese Dental Association
Lebanese Orthodontic Society
Qatar Dental Society
Oman Dental Society
Kuwait Dental Association
American Academy of Implant Dentistry
International Federation of Dental Hygienist
British Academy of Restorative Dentistry
British Academy of Dental Implantology
AALZ - Aachen Dental Laser Center
Singapore Dental Association

DIRECTOR OF mCME
Dr. Dobrina MOLLOVA
mollova@dental-tribune.me
Tel.: +971 50 42 43072

DIRECTOR
Tzvetan DEYANOV
deyanov@dental-tribune.me
Tel.: +971 55 11 28 581

EDITING & DESIGN
Kinga MOLLOV
k.romik@dental-tribune.me
Tel.: +971 56 23 70 721

PRINTING HOUSE & DISTRIBUTION
Al Nisr Printing
P. O. Box 6519, Dubai, UAE
800 4585/04-4067170

THE DENTAL
SOLUTIONS
COMPANY™

Dentsply Sirona

»Usability is my goal. And Primescan is my answer.«

Florian Sobirey, UX-Designer

Primescan

Engineered for superior performance.

Innovation requires commitment to ambition: Primescan sets new standards in dental technology, making scanning more accurate, faster and easier than ever. It is engineered to enable all kind of treatments, from single tooth to full arch. An increased field of view and the dynamic depth scanning technology ensure a high data density right from the first scan. The excellent results are immediately displayed on the wide format touchscreen of the new Acquisition Center. With Primescan, intraoral scanning is as easy as never before.

Enjoy the scan.

Learn more at: dentsplysirona.com/primescan

Science.
Applied to Life.™

Gunnar Reich, Germany

The next generation polyether: Superfast. Super detailed.

Taking outstandingly precise impressions in an efficient procedure – this is feasible for everyone using the new 3M™ Impregum™ Penta™ Super Quick Polyether Impression Material launched by 3M in April 2018. The material offers a working time of 45 seconds and an intraoral setting time of only two minutes.

It is thus as fast as or even faster than many quick-setting VPS-based impression materials and particularly suited for impression taking in the context of producing single-unit restorations or small bridges. In addition to the increased speed, it offers all proven polyether benefits that lead to a reliable clinical performance and highly accurate results. These include a great flow behavior and an intrinsic hydrophilicity, i.e. high affinity to water, which ensure that the material flows deeply into the sulcus and captures every detail. In addition, polyethers maintain their flowability consistently throughout the whole working time, meaning that a user does not need to be afraid of any premature setting reaction that may have a negative effect on the quality of the final impression.

The use of the new material developed for the monophase technique – 3M™ Impregum™ Penta™ Super Quick Medium Body Polyether Impression Material – is demonstrated showing two different patient cases.

The first patient had a fractured composite restoration on her lower first molar that needed to be replaced. The second patient had previously received an implant in the region of the upper first premolar. After the healing phase, the final prosthetic work needed to be produced and placed. A closed tray impression technique was used in this case.

Case 1

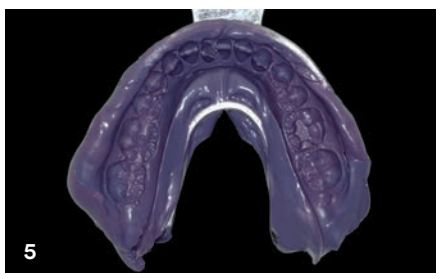


Fig. 1: Initial situation of case 1: Fractured old composite restoration on the lower first molar.

Fig. 2: Deep distal preparation with bleeding from inflamed gingival tissue.

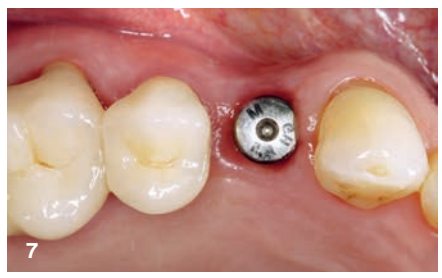
Fig. 3: Challenging moisture control and bleeding managed by using a soaked retraction cord.

Fig. 4: Impression taken with the monophase technique. Syringing of 3M™ Impregum™ Penta™ Super Quick Polyether Impression Material (Medium Body) around the preparation with the 3M™ Penta™ Elastomer Syringe.

Fig. 5: Final monophase precision impression made of 3M™ Impregum™ Penta™ Super Quick Polyether Impression Material (Medium Body).

Fig. 6: Final situation: 3M™ Lava™ Esthetic Fluorescent Full-Contour Zirconia restoration cemented with 3M™ RelyX™ Unicem 2 Self-Adhesive Resin Cement.

Case 2



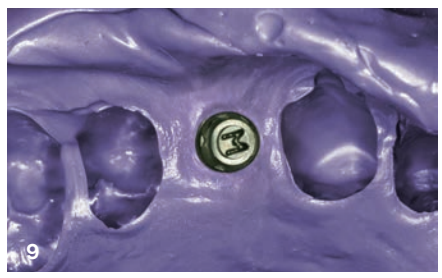


Fig. 7: Initial situation of case 2: Implant with healing cap six months after implant placement.

Fig. 8: Syringing of 3M™ Impregum™ Penta™ Super Quick Medium Body Polyether Impression Material around the impression coping with the 3M™ Penta™ Elastomer Syringe.

Fig. 9: Impression coping securely fixed in the impression that was taken using the monophase technique and a closed tray.

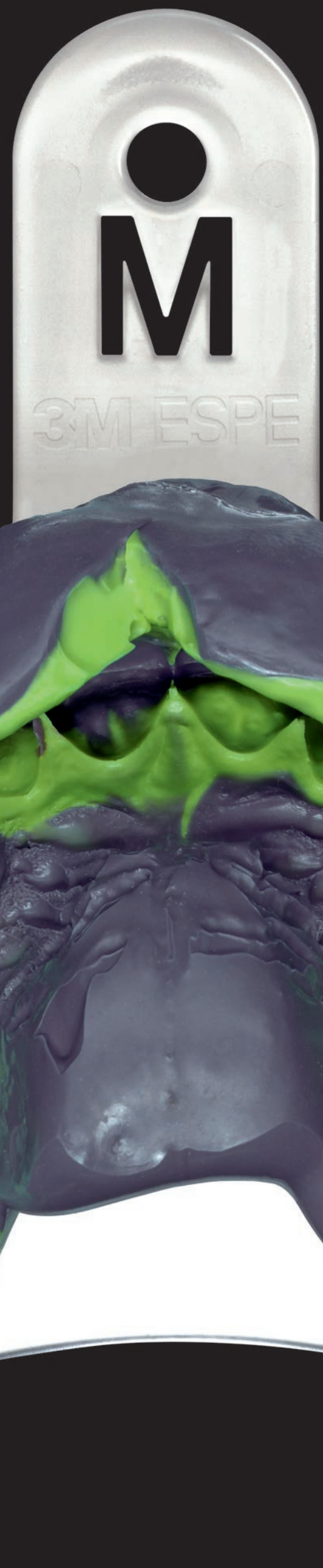
Fig. 10: Final veneered all-ceramic crown cemented on an implant abutment.

Dr. med. dent. Gunnar Reich
gunnar.reich@web.de
Dr. Gunnar Reich attended the Universities of Munich and Berlin and obtained his Dr. med. dent. (DDS) degree in 1986. Ever since, he has been practicing dentistry in the South of Germany. Today, he is the owner of a private practice in Munich.

3M Science. Applied to Life.™

3M™ Impregum™ Super Quick
Polyether Impression Material

Capture every detail in 2 minutes? Yes, it can.



The 2 MIN Polyether

Ideal for smaller cases with superfast 2-minute setting.

100% Polyether Formulation

A brand new chemistry unites world-class polyether precision with the speed of a VPS material.

A significantly improved taste and less time in the mouth make a better patient experience.

3M.com/Impregum

Prosthodontist achieves same-day dentures with NextDent 5100

Dr. Michael Scherer transforms patientexperience and expedites dental production with the NextDent 5100 3D printer

By 3D Systems

Dr. Michael Scherer is a prosthodontist in Sonora, California, located ten miles from the heart of the Stanislaus National Forest and 100 miles southeast of Sacramento, the nearest city. A long-time advocate of technologies that help him enhance patient care, Dr. Scherer transitioned to intraoral 3D scanning several years ago to spare his patients the uncomfortable and messy experience of taking composite impressions. Eager to extend the value of these digital scans, he began experimenting with 3D printing. He ordered two 3D Systems' NextDent™ 5100 3D printers for his office shortly after its launch and says they provide him with an all-in-one solution for producing actual 3D printed dental restorations at an efficient time point.

Due to Dr. Scherer's rural location, his patients typically travel anywhere from 30 minutes to several hours to get to his office. For dentures, implants and bridgework, multiple visits are common practice to address various stages of traditional fitting and delivery. The need for multiple appointments to achieve a conventional restoration can make seeking treatment time consuming and challenging for the patient; a burden Dr. Scherer hoped to alleviate through in-house 3D printing. Dr. Scherer reports that the addition of the NextDent 5100 printers to his office has accelerated his workflow and changed his patients' experience, and says he can no longer imagine his practice without them.

The speed of the NextDent 5100 enables same-day dentures to enhance patient care.

Fast print speeds enable same-day dentures

The new capabilities in dental care enabled by the speed, accuracy and esthetics of the NextDent 5100 3D printer have helped Dr. Scherer deliver a superior patient experience. In particular, the ability to cut total denture delivery time from five or six appointments to a process that can be completed in the same day. For elderly patients who rely on others for transportation to and from appointments, Dr. Scherer says this new capability makes treatment possible by removing logistical barriers: "The NextDent 5100 enables me to do things in my office – like expedited dentures – that I couldn't do before, and it's having a real impact on my patients' lives." 3D Systems' NextDent materials are biocompatible and CE-certified, and are available in a wide selection to answer a broad range of clinical needs. This allows Dr. Scherer to use the NextDent 5100 not only for same-day, long-term dentures, but for expedited implants, crowns, bridges, bite guards and more. "Combining intraoral scanning technology with fast, accurate and esthetic 3D printed teeth is the great, bring-it-all-together moment we've been waiting for in dentistry for years," Dr. Scherer says.

CHALLENGE:
Increase efficiency of dental restoration production and delivery to ease logistical burden of multiple appointments for patients

SOLUTION:
3D Systems' NextDent™ 5100 dental 3D printers and NextDent materials for high accuracy, high speed digital dentures and restorations

RESULTS:
– Reduced denture production and delivery timelines from 5 or 6 visits to 1 or 2
– Enhanced patient experience through expedited delivery of accurate, esthetic restorations
– High accuracy dental models 3D printed in 20 to 40 minutes compared to 2 to 4 hours on other tested systems
– Clinical time savings of 20% to 50%


By running two NextDent 5100 printers simultaneously, Dr. Scherer can have a denture ready in 20 minutes

To illustrate his case, Dr. Scherer cited an anonymous example of a patient who was moved to tears after receiving their denture in a same-day appointment. "I got the NextDent 5100 printers for patients like that, who need an option for treatment that makes it feasible," Dr. Scherer says. Due to the loss of a loved one, the patient told Dr. Scherer they could no longer make multiple long drives for sequenced appointments. Understanding that, Dr. Scherer assured them the denture could be done in a single visit using innovative methods.

Eager for treatment, the patient made an apointment and came in in the morning for an intraoral scan. Dr. Scherer used the digital model to plan the denture, and his assistant ran the 3D printers, producing the denture teeth in the first and the denture base in the second for delivery by early afternoon of the same day. When the new denture was delivered, the patient saw their new smile and started crying, saying they never imagined how beautiful 3D printed teeth could be. "With the two NextDent 5100 printers I can have the denture teeth printing in one printer and the denture base printing in another printer, and have a denture ready in 20 minutes," Dr. Scherer says.

The NextDent 5100 printers have reduced wait times considerably for other restorations as well. Depending on the model to be printed, Dr. Scherer is experiencing print times of ten to forty minutes with the NextDent 5100 compared to two- to four-hour print times for comparable models on other 3D printers he has used. Dr. Scherer says this capability has led to effective word-of-mouth marketing because he is now able to accommodate patients with service that exceeds expectations: "I frequently have patients who break teeth right before a big trip or life event, and with 3D Systems' NextDent printer I can now offer treatment in the same afternoon versus the temporary patches that are common practice using conventional techniques."

Accurate & aesthetic 3D printed outcomes minimize adjustments, maximize doctor time

According to Dr. Scherer, the accuracy of the 3D printer contributes to shorter delivery times and enhanced patient care as well. "The fact that the NextDent 5100 can produce models and dental prostheses in minutes instead of hours and achieve accuracy under 100 microns is a game changer for 3D printing in dentistry," Dr. Scherer says, explaining that accuracy helps ensure he is delivering the highest quality care.

With traditional molds and poured stone models, Dr. Scherer says fitting crowns, implants or bridges can take thirty minutes to an hour of adjusting to achieve the right fit. With 3D printing, fitting the same type of restoration takes significantly less time to adjust. "Doctor time on the computer is money well spent, because I find I am spending less time to fit prostheses due to the accuracy of the prints. Being able to shave off 20- to 50-percent of my clinical time more than pays for itself," Dr. Scherer says.

The NextDent 5100 is powered by 3D Systems' Figure 4 technology and uses Digital Light Printing (DLP) with a non-contact membrane that delivers high quality, accurate outcomes on delicate parts. 3D printed support structures are also simple to add and fast to remove with 3D Sprint® software, reducing the post-processing time substantially and helping ensure undamaged parts. According to Dr. Scherer: "On another printer, just to remove the printing supports can take ten to fifteen minutes. On the NextDent 5100 it takes maybe 30 to 60 seconds. And that includes polishing!"

Improving the dental profession with digital dentures

In addition to his work at his practice, Dr. Scherer teaches courses on 3D printing and digital dentures that are open to other dentists, clinicians and laboratories interested in expanding their capabilities. He brings a patient from his practice and provides a step-by-step demonstration of his digital denture workflow. He is also active on social media with his group "Fast Track Dental CE" (https://www.facebook.com/fasttrackdentalce/), where he posts shareworthy experiences for discussion and learning. "The opportunity to interact with clinicians all over the world and share the vision of 3D printing in dentistry helps make the profession better and improve lives everywhere," Dr. Scherer says. "3D printing has become so important to my clinical practice that I just can't imagine going back." DT

To learn more about the NextDent 5100 3D printer, visit: https://www.3d-me.com/nextdent-5100

IPS e.max®

ZirCAD MT Multi

The most esthetic high-strength, multi-translucent[1] zirconia

All ceramic, all you need.

[1] Composed of different material classes

www.ivoclarvivadent.com
Ivoclar Vivadent AG
Bendererstr. 2 | 9494 Schaan | Liechtenstein | Tel. +423 235 35 35 | Fax +423 235 33 60

ivoclar vivadent®
passion vision innovation

mectron multipiezo – a benchmark in the field of ultrasound scalers

© mectron s.p.a.

By mectron s.p.a.

Being exceptionally user-friendly, the multipiezo by mectron is not only a flexible ultrasonic device for dental prophylaxis interventions - but the optimal assistant for every dentist or dental hygienist. Besides classical supragingival scaling it can be used for subgingival debridement as well as for implant cleaning.

Thanks to its innovative design and its self-explaining ergonomics the multipiezo sets new standards in daily use management and hygiene. Its ergonomic touch panel lets the user control all functions fast and intuitive - without having to study the instruction manual at all. Due to its smooth touch surface, it can be cleaned and disinfected much easier than other devices.

The intelligent mectron piezoelectric ultrasound technology makes treatments even more comfortable for the dentist as well as the patient: during the therapy, it balances external factors, adjusts power level automatically and provides the special soft mode. This innovative function avoids excessive ultrasound oscillation, allowing a gentle and efficient insert movement. Results: nearly painless treatment for patients and maximum comfort for clinicians. While the pulse mode function allows the best performances in prosthetics and extractions. All these make the mectron multipiezo an innovative and unique combination of intelligent technology and functional design.

The integration of a 3600 adjustable LED handpiece makes working with the multipiezo even easier: the source of light can be directed right to the spot of activity. The 500 ml liquid holder is illuminated and can get exchanged quickly and easily for the maximum flexibility in irrigation choice.

With over 45 inserts available, mectron is offering one of the largest ranges of ultrasound prophylaxis tips in dentistry. The unique technology, the perfect ergonomics and the maximum flexibility are the reasons why mectron defines with the multipiezo the new benchmark for ultrasound prophylaxis units. DT

For more information contact:

mectron S.P.A.
Via Loreto, 15/A
16042 Carasco (GE) – Italy
Tel: +39 0185 35361
Fax: +39 0185 351374
E-mail: mectron@mectron.com
Web: www.mectron.com
www.we-love-prophylaxis.com

Fill-Up! – The new dual-curing bulk composite

By Coltene

Worldwide, dental practitioners are convinced of this innovative, efficient latest generation bulk composite. Overwhelming feedback since its launch only few month ago shows how great the demand has been for a solution like Fill-Up! This is COLTENE's response to the disadvantages inherent to light-curing treatment methods and has resurrected the discussion on bulk filling materials.
Light-curing bulk filling materials are restricted to 4-5 mm curing depth and often require a separate composite covering layer. Studies have shown that many dentists are unsure whether conventional bulk

© Coltene

filling cures all the way to the base of the cavity. Now a reliable solution is available. The new dual-curing Fill-Up! bulk composite allows filling quickly at any layer thickness and without reservations.

Guaranteed and fast curing - even with the deepest cavities

No matter which filling depth is required, the light and chemical polymerisation properties of Fill-Up! reliably cure any filling size. In addition, the shrinkage forces are considerably less pronounced for chemical polymerisation, which supports the quality of marginal integrity.

Even the largest cavities can be filled with the Fill-Up! single-layer technique quickly and easily, making it a true bulk fill material. Following the application of Fill-Up! completion of the filling is possible immediately as light-curing only requires 5 seconds. The excellent mechanical properties make a covering layer superfluous. Due to the high self-blending of the material, a single universal shade (Vita A2-A3) is sufficient for the posterior region. Presentation in the practical automix-syringe makes application easy and efficient.

Two, working in perfect harmony

Fill-Up! and the multiple award-winning ParaBond adhesive system are matched perfectly. ParaBond accelerates polymerisation at the margins and thus improves the marginal integrity of the filling. Study results from the University Geneva confirm best marginal sealing values. This helps to avoid secondary caries and lays the foundation for a reliable long-term restoration.

The universal composite Fill-Up! is comes in the useful 4,5g automix-syringe. Due to the purpose-built colour, between A2 and A3, there is no need for complicated colour-management within the posterior region. DT

For further information, please contact:

Coltène/Whaledent AG
Feldwiesenstrasse 20
9450 Altstätten SG | Switzerland

ONE COAT 7 UNIVERSAL – All-purpose universal bond

By Coltene

State-of-the art, self-etching adhesive systems are easy to apply and boost the success rate significantly, especially within restorations in the posterior area. Simultaneously they stand for predictable results, independent of the applied basis or the preferred application technique of the dentist. Coming to reliability and user-friendliness, research and development has now set new material standards:

Reliably adhesive agent on dentin and enamel

The new ONE COAT 7 UNIVERSAL was developed on the basis of the favoured ONE COAT 7.0, and is a reliable All-in-One Bond for every indication. Whether self etch, selective enamel etch or total etch technique, a single drop bonds light-curing filling materials easily, quickly and is long-lasting. ONE COAT 7 UNIVERSAL is an excellent adhesion promoter on enamel and dentin, thus is a guarantee for safe restorations even in extraordinary cases. With only a single bonding layer it provides consistently high bonding strength, excellent marginal sealing and excellent marginal integrity. These exceptional clinical values are convincing, even when compared with conventional system adhesives.

In conjunction with ONE COAT ACTIVATOR it is optionally also possible to use a chemically cured product. You will always be making the right choice with the light-curing single-component adhesive One Coat 7 Universal!

Ergonomic triangular bottle and single dose - Safe and easy

The universal bonding agent also comes with a new presentation form. The special triangular bottle, with it`s excellent ergonomic handling, lies comfortably in the hand and the precision dropper allows precise and economical working. ONE COAT 7 UNIVERSAL is available as introductory kit with a 5ml bond bottle including etch gel and accessories. There are also practical single dose units for one-off use. These are also offered as refill packs in addition to the 5ml bond bottle. DT

© Coltene

For further information, please contact:

Coltène/Whaledent AG
Feldwiesenstrasse 20
9450 Altstätten SG | Switzerland

ONE COAT 7 UNIVERSAL

One component light cured universal adhesive

- → Self-Etch, Selective Etch and Total Etch, one bond for all adhesive techniques
- → With activator for chemical curing products
- → Excellent shear bond strength to enamel and dentine

oc7universal.coltene.com

Fill-Up!®

Filling in a single step – **Hole in One**

- → Optimal depth polymerisation with minimal shrinkage due to dual curing system restoration.
- → Guaranteed single-layer technique – even in very deep cavities of 10 mm
- → Optimised sealing of margins – reduced post-operative sensitivity
- → Universal shade in a convenient Automix syringe for efficient placement

Deep. Fast. Perfect.

dietmar.goldmann@coltene.com | P +41 71 757 54 40

COLTENE

004602 03.19