International dental community meets in Dubai

**AEEDC extends scientific programme in 2011—Over 20,000 dentists expected to attend**

The UAE International Dental Conference & Arab Dental Exhibition (AEEDC) is welcoming dental professionals from all over the world to the city of Dubai. During 1–3 March, general practitioners, specialists and auxiliaries will have the opportunity to bring themselves up-to-date with the latest products and technologies in the field of dentistry. The organiser has announced that the focus of this year’s congress will be on practice management and CAD/CAM restorations. In addition, it will host a variety of courses, symposia and forums on topics like oral traumatology, prevention, periodontology and implants.

Participants will be able to earn up to 49 credit hours during the congress which has recently been recognised as ADA CERP provider—a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education.

Patronized by HH Sheikh Hamdan Bin Rashid Al Maktoum, Deputy Ruler of Dubai, Minister of Finance and President of the Dubai Health Authority, AEEDC has recently become the largest dental meeting in the combined Cooperation Council for the Arab States of the Gulf (GCC) and Middle East and North Africa (MENA) regions. According to figures of the organiser, last year’s event saw over 20,000 dental professionals and trade visitors at the congress in early March. With a turnover of US$1 billion the event also contributes significantly to the UAE economy.

Dr. Nasser Malik, Chairman of AEEDC Dubai Conference said: “We are expecting more than 20,000 participants from the region and different parts of the world, therefore, the AEEDC Scientific Advisory Committee and with the support of the Dubai Health Authority prepared a full three days schedule, where dentists and students can receive the maximum benefit for their clinical practice. The programme is comprehensive and features the latest advancements and research in the various specialities of dentistry. It will be a platform where most eminent speakers from around the globe will share their expertise with our audience.”

Malik added that for the second consecutive year, the scientific committee will be presenting the GCC Preventive Dentistry Conference. A symposium of the International Association of Dental Traumatology will be also held for the first time. In addition, there are more activities taking place such as the AEEDC Dubai Awards, a student competition, as well as poster and oral presentations, he said.

For more information please visit the website www.aeedc.com.

**Biomaterials and implants stimulate global demand for dental products**

The increasing demand for dental biomaterial and implants is driving the global dental equipment and consumables market. According to a report released by US market research company MarketsandMarkets last month, both segments are expected to grow at a compound annual growth rate of 6 per cent—only slightly below the 7 per cent growth rate predicted for all market segments combined. Total market volume is forecasted to reach US$27.6 billion by 2015.

According to the report, the growth of these segments is expected to be highest in North America and the EU where the generation of ageing baby boomers can afford high-priced dental procedures, including cosmetic treatments and implants. Improved orthodontic products are also in high demand, especially by younger people.

Improvements in the field of dental biomaterials and tissue regenerative material have enabled dentists to offer more natural and long-term dental solutions. The latest technology such as CAD/CAM, reduces the overall turnaround time for dental procedures, while improving efficiency of dental practitioners further, the report states.
Welcome message by Qadhi Saeed Al Murooshid, Director-General of AEEDC Dubai

On behalf of the Dubai Health Authority (DHA), I would like to welcome you to the 15th edition of the UAE International Dental Conference and Arab Dental Exhibition (AEEDC).

Over the past few years, our Emirate has emerged as a major business and medical hub in the combined Middle East and North Africa markets through its strategic location and keenness to excel in all fields. At our organization, hosting, attending and speaking at conferences such as the AEEDC is part of a broader strategic vision. Being the principle health authority for the Emirate of Dubai, we also understand the importance of such conferences, which tries to bring together the very best in international and local talent. Every year thousands of visitors come to Dubai to take part in such events.

AEEDC, in particular, has become one of the biggest in the region and we are proud to be able to host it in Dubai. The conference is a platform where, amongst other healthcare professionals, international speakers from dental fields such as endodontics or paedodontics will get an opportunity to discuss the latest advances in dentistry. The highlight of this congress is that eminent healthcare professionals from around the world will be joining us and speaking at the congress.

I look forward to your participation!

Qadhi Saeed Al Murooshid
Director-General of AEEDC Dubai

AEEDC is one of the region’s most reliable congresses

Welcome Message by Dr. Tariq Khoory, Director of the Dubai Dental Centre and Honorary Chairman of AEEDC Dubai

It gives me great pleasure to see that the UAE International Dental Conference and Arab Dental Exhibition is not only recognised to be one of the region’s most reliable congresses but also considered to be an iconic meeting for Continuing Education in dentistry. Over the past 14 years, the meeting has emerged from a local specialised meeting to a global forum where dentists from all over the world convene to share their research and experiences while grasping the pulse of the dental industry.

AEEDC Dubai does not only offer quality dental programmes but has also shown to be able to initiate a learning process in the dental fraternity, which is helping General Practitioners to upgrade their existing skills and knowledge in the long run, encouraging them to interact with their peers and developing a creative niche for Oral Health Development.

Dental companies who will exhibit at AEEDC 2010 are keenly looking forward to participate in this annual gathering that provides a perfect platform to showcase all their modern dental technologies and products. AEEDC Dubai also fosters the relationship between end users and suppliers while providing dealers or manufacturerers with an opportunity to address the expectations from their clientele with their available services: AEEDC Dubai will host exhibitors from all around the world that will have the chance to engage in new long-term business collaborations.

Having played an important role of this meeting for years myself, I would like to take this opportunity to extend a cordial welcome to all dentists, manufacturers, dental academia, private clinics, laboratories, and our distinguished guests, to be a part of AEEDC Dubai 2011, as well as contribute to its ongoing success.

I wish you a very pleasant stay in Dubai and a fruitful meeting!

Dr. Tariq Khoory
Honorary Chairman of AEEDC Dubai

At the forefront of the international dental industry

Abdul Salam Al Madani, Executive Chairman AEEDC Dubai and President of INDEX Holding

It is an immense honour for me to announce the 15th edition of the region’s most dynamic dental meeting.

The UAE International Dental Conference and Arab Dental Exhibition 2010 will be held from 1–3 February, 2010, at the Dubai International Convention and Exhibition Center. It has always played a pivotal role in attracting the dental industry and its specialists that are prevalent in the region. Recently, the event has also reached out to the international dental community through its Continuing Educational programmes in a very efficient manner and is now at the forefront of the international dental industry.

An important topic this year will be dental trauma, which derives from an active collaboration with the International Association of Dental Trauma. This organisation will provide a special feature at the conference that will round off this year’s regular schedule of courses, lectures and symposiums.

In addition, the exhibition will promote the new dental technologies and innovations, as well as see the participation of new countries.

We invite participants, exhibitors, guests and supporters to three days of clinical and scientific enrichment in the wonderful city of Dubai.

Abdul Salam Al Madani
Executive Chairman of AEEDC Dubai
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Edward S. Katz, DDS
Periodontist, Providence, Rhode Island

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Chicago Midwinter Meeting, Booth #804
AO Annual Meeting Washington D.C.
IDS Cologne, Hall 02.2, Booth #A048
ADA Annual Session Las Vegas

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A method used in developing countries to restore dental cavities can be a viable alternative for conventional tooth restorations, scientists from Johannesburg in South Africa are reporting. In a systematic review involving clinical studies from China and the Middle East, they found that survival rates of restorations using the so-called Atraumatic Restorative Treatment (ART) are comparable and to some extend superior to those placed with amalgam.

Developed in Africa in the mid-80s, ART is a clinical procedure based on removing carious enamel and dentine using hand instruments only and restoring the tooth with an adhesive filling material such as glass-ionomer (GI). It is said to be painless and require minimal cavity preparation while conserving sound tooth tissue.

The World Health Organization currently recommends the procedure for application in developing countries with limited resources for treatment as well as elderly and patients with special needs in developed countries.

In the new review, the researchers from the University of Witwatersrand in Johannesburg compared 27 datasets of ART restorations with amalgam fillings in Class I, II and V cavities of primary and permanent teeth from clinics in Kuwait, Syria and China. Most of them did not show a difference between the success rates of ART and amalgam restorations, they said. In fact, four comparisons were even in favour of the procedure. They recommended to verify the findings through more randomized control trials, as the studies observed were done under unclear randomized sequence allocation.

According to WHO figures, caries prevalence in developing countries is still high despite preventative measures such as water fluoridation and improved school-based dental hygiene education.

Scientists link dental X-rays to cancer

LONDON, UK/LEIPZIG, Germany: A joint research team from Kuwait and the UK has reported a link between dental X-rays and increased numbers of thyroid cancer. After factoring X-rays taken of 300 patients in a hospital in Kuwait, they found that men and women who had had up to four dental X-rays were more than twice as likely to have developed the disease than those who had never had any dental X-rays. For those patients who had had between five and nine X-rays, their risk rose more than four fold.

Although thyroid cancer is one of the least deadliest cancers, incident rates have almost doubled in countries like Australia in recent years.

The findings are consistent with previous reports of increased risk of thyroid cancer in dentists, dental assistants, technicians and X-ray workers, suggesting that sensitivity of the thyroid to radiation is not necessarily related to direct irradiation of that organ but to any exposure to ionizing radiation. Besides thyroid cancer, significant risks have also been observed for leukemias and cancers of the breast.

The researchers warned that the results of their study “should be treated with caution” because the data was based on self reporting by the participants and the fact that other factors could be contributing to the increase in thyroid cancer cases. Further research is required to confirm the exact effect of dental X-rays, the added.

“Perhaps the results are confirmed, then the use of X-rays as a necessary part of evaluation for new patients, and routine periodic dental radiography, particularly for children and adolescents, will need to be reconsidered, as will a greater use of lead collar protection.”

Scientists link dental X-rays to cancer

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Sex virus to save from death through oral cancer

New evidence shows mercury to drive Alzheimer’s

Nano coating raises hopes in fighting antibiotic resistance

The scientists examined 198 Australians with advanced oropharyngeal cancer for an average of two years. The patients had received surgery or radiotherapy for the disease. Dr Angela Hong, lead author from the University of Sydney, said: “The beneficial HPV effect was seen regardless of the type of treatment they had. Various clinical trials are now in development to tailor treatment according to HPV status of tumours.”

Dr Lesley Walker, director of information at Cancer Research UK, predicts beneficial effects for preventing oxidative stress which can lead to cell death and early aging, he added. “The situation is similar to the early 1970’s regarding smoking: substantial experimental evidence existed, but human studies were inconclusive at the time and were under attack by groups with a vested interest,” Walach told Dental Tribune ONLINE. “To wait until irrefutable evidence has accumulated is not the best option in view of what we already know about the toxicity of mercury.”

Amalgam is still the most common type of fillings used by dentists worldwide. It is only banned in Sweden and restricted in Norway and Denmark.

It’s very effective. If you put a tiny amount of lysostaphin in a solution with Staphylococcus aureus, you’ll see the bacteria die almost immediately,” said Ravi Kane, a professor in the Department of Chemical and Biological Engineering at the Rensselaer Polytechnic Institute in Troy, New York. “At the end of the day we have a very selective agent that can be used in a wide range of environments—paints, coating, medical instruments, door knobs, surgical masks and it’s active and it’s stable.”

Kane added that the coating has a dry storage shelf life of up to six months and can be washed repeatedly without losing effectiveness.
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AEEDC Dubai 2011 Conference Programme, 1–3 February, 2011

**Tuesday, 1 February, 2011**

**AEEDC Conference Hall** *(Sponsored by Listerine)*

9:30–10:15  
Integration of the TenBrook T1 Passive Self-Ligating Bracket System into an Established Orthodontic Practice  
Speaker: Robert Brewka

10:15–11:00  
Smart Mechanics: Make the Prescription work for you.  
Speaker: Sazil Poonen

11:15–11:45  
Soft tissue Periodontal considerations enhance function and aesthetics for your patient  
Speaker: Yousser Khabbaz

11:45–12:45  
Antiseptic Mouthrinses: Impact on Health  
Speaker: Sebastian G. Ciancio

2:00–3:00  
Peri-implant Mucositis/Implantitis: A Periodontal Perspective  
Speaker: Sebastian G. Ciancio

2:00–3:00  
How to avoid implant esthetics nightmares  
Speaker: Hame Lay Wang

4:00–5:00  
Regeneration in Periodontics and Endodontics  
Speaker: Khalid Al Haozumi

5:00–6:00  
Zirconium: Technological possibilities, limitations and solutions  
Speaker: Dhan Al Hamadi

**AEEDC Conference Hall** *(Sponsored by Pierre Fabre Oral Care)*

9:30–10:15  
Dental and alveolar ankylosis and its management  
Speaker: Mr. Nagaraju Kunchapu

10:15–11:00  
Orthodontic considerations in trauma patients  
Speaker: Roy Safri

12:00–12:45  
Modern treatment principles of maxillofacial fractures  
Speaker: Said Malab

**AEEDC Conference Hall** *(Sponsored by Colgate)*

10:00–10:30  
Wound healing subsequent to injury  
Speaker: Jens O. Andreasen

10:15–11:00  
Treatment of crown fractures and how to optimize esthetics in anterior region  
Speaker: Hani F. Ounsi

11:15–11:45  
Laxation and tooth avulsion  
Speaker: Jens O. Andreasen

11:45–12:15  
Revascularization of the pulp after trauma  
Speaker: Agnes Sigurdsson

2:00–2:45  
Pulpal complications and infection related root resorption  
Speaker: Leif K. Bakland

2:45–3:30  
MTA in dental traumatology  
Speaker: Leif K. Bakland

2:45–3:15  
Silicone-Based Dental Composites (Past, Present & Future)  
Speaker: Manal Mohamed Shira

**Wednesday, 2 February, 2011**

**AEEDC Conference Hall** *(Sponsored by Listerine)*

9:00–9:45  
Micro CT Forum Introduction  
Speaker: Saud Orfali

9:30–10:15  
What to do before scan and what to expect?  
Speaker: Mr. Nagaraju Kunchapu

10:15–11:00  
Microcomputed Tomographic Imaging in Periodontology  
Speaker: Fahad Javed

11:15–12:00  
Micro-CT Applications in Endodontics  
Speaker: Zulqarnain Shaimi

12:00–12:45  
Micro-CT Analysis of Restorative Procedures and Outcomes: The 3-dimensional Truth  
Speaker: Ziad Salameh

2:00–2:45  
Impact of Antisepsis on Clinical Infections in the Oral Cavity  
Speaker: Zufar Mahony

2:45–3:15  
Predictable Maxillary Molar Distalization in the Correction of Class II Malocclusion  
Speaker: Ramesh Sahadbah

3:15–4:00  
Uses of CBCT in Prosthodontics  
Speaker: Ekrum Ibrahim Hassan

4:00–4:45  
Benign and Malignant Pathology of the Jaws: A CBCT view  
Speaker: Juan Yepes

**AEEDC Conference Hall** *(Sponsored by Pierre Fabre Oral Care)*

9:00–9:45  
Dental injuries in pediatric patients  
Speaker: Marie Therese Flores

9:45–10:30  
Psychological management of young trauma patients  
Speaker: Dena Dehabyo

10:30–11:00  
Oral presentation of Scientific Reports

12:00–12:45  
Awards to best Oral and Poster presentations

3:30–4:15  
Implants in the anterior region  
Speaker: Jan Gottlow

4:15–5:15  
Dental Trauma Guide—an interactive web tool for diagnosis, treatment and prognosis  
Speaker: Jens O. Andreasen

5:15–5:30  
Awards to best Oral and Poster presentations

AEEDC Conference Hall *(Sponsored by Pierre Fabre Oral Care)*

9:00–10:00  
Six vs. Four Handed Dentistry Utilizing Microscopic Techniques  
Speaker: Maciej Goczewski

10:00–10:30  
Pain Management in Daily Dental Practice: Beyond Efficacy There Is A Need For Balance And Comfort  
Speaker: Michel Broca

10:30–11:00  
Hypersensitivity Management in Dental Practice  
Speaker: Helene Alasle

11:15–12:00  
Planning a customized smile design  
Speaker: Christian Coachman

12:00–12:45  
Invisible restorations with direct resin composites: a possible challenge?  
Speaker: Simone Grandini

AEEDC Conference Hall *(IADT Symposium in Oral Traumatology)*

2:45–3:15  
The Current Role of Imaging in Assessing TMD Symptoms Using MRI and Cone Beam 3D  
Speaker: Ghadi A. Kaspo

3:30–4:15  
Sinus Lift Procedures: A Critical Clinical Consideration  
Speaker: Christian Makary

4:30–5:15  
Implants in the anterior region  
Speaker: Jan Gottlow

4:45–5:15  
Dental Trauma Guide—an interactive web tool for diagnosis, treatment and prognosis  
Speaker: Jens O. Andreasen
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How to improve your practice outcome and increase your income by using CBCT
Speaker: Ekram Ibrahim Hassan
3:30–4:00

21st Century Computer-Controlled: Local Anesthesia
Speaker: Eugene R. Casagrande
4:00–4:30

How to Improve your Endodontic Results
Speaker: Nehal Sharaf
4:30–5:30

Heart Attacks, Strokes or Fainting—what to do?
Speaker: Annie Browne
5:00–5:30

Subject to change. Last update was 17 January, 2011. Times in am/pm format.
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Visit us on the booth n°09
Prophylaxis is entering a previously unexplored area with the new AIR FLOW MASTER from EMS. This instrument gives periodontal pockets a thorough cleaning by air polishing. The biokinetic energy, applied in a powder-air-water mixture, removes the biofilm down to the base of the pocket, brings about a sustained reduction in bacteria, firms the gum and reduces the pocket depth. The patient benefits twice because the procedure is not only more efficient, but also more comfortable than conventional curettes or instruments which scratch the tooth.

This "subgingival deep diving" uses a special single use nozzle, combined with extra-fine grain AIR FLOW Powder which is non-abrasive on the tooth surface. The flat and tapered, slightly bent nozzle has three openings from which the powder-air water mixture emerges in the subgingival area with gentle turbulence. The special construction of the nozzle ensures that the powder is thoroughly washed out of the pocket, along with the removed biofilm, according to EMS. The nozzle is simply fitted onto the Perio Flow handpiece, which has a magnetic holding device and can therefore be removed flexibly.

The AIR FLOW Master does not simply take care of periodontal pockets, but also provides supragingival prophylaxis. Whether plaque or hard deposits—the AIR FLOW handpiece "strokes" the tooth surfaces clean with the appropriate powder gently and selectively. In addition to the classic powder, EMS has developed a soft powder for more sensitive teeth. And recently, patients have acquired a taste for this treatment: The classic powder is available not only in a "neutral" flavour, but also in cherry, blackcurrant, tropical, lemon and mint flavours. Every flavour has its own colour coded ring, which is placed on the powder chamber—so that it is clear at a glance which flavour is being used at any time.

The AIR FLOW Master is operated exclusively through touch and, therefore, is very hygienic. The person providing treatment places one finger on the touch panel and controls the "Power" and "Liquid" functions from minimum to maximum by gently stroking over them. In addition, a finger-tip is enough to switch between the AIR FLOW and PERIO-FLOW applications. The application currently in use lights up in fluorescent blue. Due of its smooth surfaces, the instrument is easy and hygienic to clean and thereby guarantees the highest hygienic standards, according to EMS.

EMS – ELECTRO MEDICAL SYSTEMS S.A., SWITZERLAND
www.ems-dent.com
Booth 575/576

With the AIR FLOW handy PERIO, EMS is now penetrating into the subgingival area. According to the manufacturer, the innovative AIR FLOW handy PERIO is the first and only portable Perio device which enables safe and effective removal of subgingival biofilm.

Based on the successful AIR FLOW handy 2+ series and the AIR FLOW Master, which was awarded an innovation prize, this handpiece again provides the dentist with an ergonomic masterpiece which EMS says is ideal for treating patients and enables the complete removal of biofilm. The transparent dome and the power chamber have come out in pink. In this combination the white handy is once again a genuine eye-catcher. Together with the AIR FLOW powder PERIO, the single use Perio nozzle reaches down to the base of the periodontal pocket.

Micro-organisms establish themselves and multiply. The bacterial community develops its own protection: microbes come off and colonize new areas. In some cases the body’s immune system is helpless. To prevent the penetration of the microbes the body triggers a bone deterioration process as an “emergency response”.

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VITA VMK MASTER

The German company VITA Zahnfabrik has been supporting dental technicians all over the world with finest veneering materials for more than 45 years. In 2009, their product line was increased by VITA VMK Master, a new ceramic belonging to the VMK (VITA Metalkeramik = VITA metal ceramics) generation for veneering metal frameworks in the conventional CTE range.

Available to dental professionals at AEEDC 2010, the new veneering material VITA Zahnfabrik aims to take the next evolutionary step in the VMK success story offering dental technicians an uncompromised material in terms of safety and aesthetics. High bending strength and temperature change stability, perfect permanent bond – also with non-precious alloy frameworks – as well as low acid solubility and first-class processing characteristics are some of the numerous benefits that VITA VMK Master offers thanks to the utilization of state-of-the-art manufacturing processes and high-quality materials. Due to the easy handling with the standard layering consisting of dentine and enamel, aesthetical reproductions may be achieved quickly and safely. Furthermore, a comprehensive range of additional materials offers the best conditions for an efficient realization of patients’ individual features.

In addition to the successful VITA VM concept component called VITA VM 11, VITA VMK Master joins the success story of VITA ceramics. VITA VMK is available in the original VITA SYSTEM 3-MASTER and VITAPAN classical A1 – D4 shades. Only the VITA label guarantees for an exact and nature-like reproduction of the original VITA tooth shades, the company said.

VITA ZAHNFABRIK, GERMANY

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Booth 473/474

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The modular construction and the operation of multiple firing units allow all users to assemble a cost-effective firing system that is adapted perfectly to their particular needs. The system can also be expanded at any time to include additional components (firing units, control units or accessories).

Even greater flexibility is now possible thanks to the introduction of additional modules such as the VITA VACUMAT 6000 MP combipress unit that can also be operated using VITA vPad comfort and VITA vPad excelence. The combipress unit not only offers all the programs and functions available with VITA VACUMAT 6000 M, it can also be used for pressing any kind of press pellet and is suitable for use with all standard muffle systems. The innovative pressing technology combined with numerous service and monitoring functions ensures precise, consistently convincing pressing results.

The new VITA VACUMAT system is thus complete, offering the user the benefit of an even greater selection of options and improved cost-effectiveness in the laboratory.

VITA ZAHNFABRIK, GERMANY

www.vita-zahnfabrik.com/ww.myvacumat.com

Booth 473/474

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Booth 473/474

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The Dentaloscope 2D MagnaVue is representing a new generation of dental equipment. The procedure scope, light, magnification and ergonomie are combined in one system. The doctor can remain in his ergonomic upright work position throughout the treatment. The 2D Sensor Head with high intensity LED lighting can be variably positioned over the patient, providing you at all time with perfectly illuminated pictures of the selected treatment area on a large format 19" inch medical grade monitor. The four LED lights deliver a maximum of 47000lux. The integrated high-performance optics system has a magnification range from 2.5x to 55x. The system attains an impressive depth of field of up to 20 cm and allows you to position the patient and treatment area virtually at will without having to refocus constantly. Back or neck problems due to a bent over working posture thus are a thing of the past.

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- **Loupes**
- **Illumination**

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VITA VACUMAT NEW GENERATION NOW AVAILABLE WITH COMBIPRESS UNIT

Thanks to its modular construction, the innovative concept of the “New Generation” firing system for VITA VACUMAT ceramic furnaces not only means perfect customized solutions for every user – it also offers superior cost-effectiveness.

At the heart of the system is the premium ceramic furnace VITA VACUMAT 6000 M, which is available with a choice of three different control units: VITA vPad easy, VITA vPad comfort and VITA vPad excelence. Designed to meet a diverse range of requirements, just one of these control units also allows convenient operation of up to four firing units. The new VITA VACUMAT ceramic ovens are particularly appealing thanks to a variety of technical innovations. The modular construction and the operation of multiple firing units allow all users to assemble a cost-effective firing system that is adapted perfectly to their particular needs. The system can also be expanded at any time to include additional components (firing units, control units or accessories).

Even greater flexibility is now possible thanks to the introduction of additional modules such as the VITA VACUMAT 6000 MP combipress unit that can also be operated using VITA vPad comfort and VITA vPad excelence. The combipress unit not only offers all the programs and functions available with VITA VACUMAT 6000 M, it can also be used for pressing any kind of press pellet and is suitable for use with all standard muffle systems. The innovative pressing technology combined with numerous service and monitoring functions ensures precise, consistently convincing pressing results.

The new VITA VACUMAT system is thus complete, offering the user the benefit of an even greater selection of options and improved cost-effectiveness in the laboratory.

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Working without back or neck problems: 
**DENTALOSCOPE 2D MAGNA VU.**

The Dentaloscope 2D MagnaVue is representing a new generation of dental equipment. The procedure scope, light, magnification and ergonomie are combined in one system. The doctor can remain in his ergonomic upright work position throughout the treatment. The 2D Sensor Head with high intensity LED lighting can be variably positioned over the patient, providing you at all time with perfectly illuminated pictures of the selected treatment area on a large format 19" inch medical grade monitor. The four LED lights deliver a maximum of 47000lux. The integrated high-performance optics system has a magnification range from 2.5x to 55x. The system attains an impressive depth of field of up to 20 cm and allows you to position the patient and treatment area virtually at will without having to refocus constantly. Back or neck problems due to a bent over working posture thus are a thing of the past.

Further Innovations at SMT:

- **Dentalscope 3D**
- **Loupes**
- **Illumination**

www.s-m-t.ch

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VITA VMK MASTER

The German company VITA Zahnfabrik has been supporting dental technicians all over the world with finest veneering materials for more than 45 years. In 2009, their product line was increased by VITA VMK Master, a new ceramic belonging to the VMK (VITA Metalkeramik = VITA metal ceramics) generation for veneering metal frameworks in the conventional CTE range.

Available to dental professionals at AEEDC 2010, the new veneering material VITA Zahnfabrik aims to take the next evolutionary step in the VMK success story offering dental technicians an uncompromised material in terms of safety and aesthetics. High bending strength and temperature change stability, perfect permanent bond – also with non-precious alloy frameworks – as well as low acid solubility and first-class processing characteristics are some of the numerous benefits that VITA VMK Master offers thanks to the utilization of state-of-the-art manufacturing processes and high-quality materials. Due to the easy handling with the standard layering consisting of dentine and enamel, aesthetical reproductions may be achieved quickly and safely. Furthermore, a comprehensive range of additional materials offers the best conditions for an efficient realization of patients’ individual features.

In addition to the successful VITA VM concept component called VITA VM 11, VITA VMK Master joins the success story of VITA ceramics. VITA VMK is available in the original VITA SYSTEM 3-MASTER and VITAPAN classical A1 – D4 shades. Only the VITA label guarantees for an exact and nature-like reproduction of the original VITA tooth shades, the company said.

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Exhibitors list—AEEDC Dubai 2011

**Company**

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SM Gulf Ltd. 
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A.

**Company**

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Air-Flo Method is now first to cross the boundaries of conventional prophylaxis. With two application systems in one. For sub- and supragingival use with matching handpiece and powder chamber. Incredibly easy to operate. Uniquely simple to use. Touch ‘n’ flow: Highly sensitive 3-touch panel for easy choice of settings.

The inventor of the Original Air-Flow Method is now first to cross the boundaries of conventional prophylaxis.

> Subgingival application of the Original AIR-FLOW® method reduces periodontal pocket depth, removes biofilm, prevents peri-implantitis.
No Pre-Registration Fee

Greater New York Dental Meeting™

Scientific Meeting: Friday, November 25 - Wednesday, November 30

Exhibits: Sunday, November 27 - Wednesday, November 30

The Largest Dental Meeting/Exhibition/Congress in the United States
Regardless of which unit or drive you are using, new Alegra LED+ turbines and contra-angles light your way with their very own light supply. The secret? A built-in generator. The plus? Ultimate LED technology for daylight quality light, exceptional reproduction of natural colours and clear, unparalleled colour contrast. The downside? No other LED solution comes close by comparison.

The Alegra LED+ series: now available from your specialist retailer.