Asia Pacific Dental Congress returns to Lion City

37th edition to be held from Friday to Sunday at Suntec Singapore Convention and Exhibition Centre

Over the course of the next three days, Singapore will be the focal point of everything dentistry in Asia again when the next Asia Pacific Dental Congress begins here at the Suntec Singapore Convention and Exhibition Centre for professionals from all over the region. It is the fourth time that the pan-regional dental event is being held in the city-state after the 1963, 1981 and 1999 congresses. For this year’s meeting, which coincides with Singapore’s 50th anniversary celebrations, thousands are expected to flock to the Lion City to learn about the latest innovations.

Useful information

Congress venue
Suntec Singapore International Convention & Exhibition Centre
1 Raffles Boulevard, Suntec City
Singapore 039593

Exhibition Hours
Friday, 3 April: 9 am – 6 pm
Saturday, 4 April: 9 am – 5 pm
Sunday, 5 April: 9 am – 6 pm

Language
The official language of the 37th Asia Pacific Dental Congress is English. Simultaneous translation will not be provided.

Press and media
Free copies of the today international congress newspaper will be available daily during APDC, and will provide visitors with the latest news from the congress, information about new products and what to do in Singapore.

Internet
Free wireless internet is available in all areas of the exhibition centre.

Banks & Money
ATM machines can be found throughout the Suntec City Mall. The legal tender is the Singapore dollar (SGD), which has an exchange rate to the US dollar of about SGD1.36 (as at 24 March 2015). While most shops in Singapore accept all major credit cards, vendors at open-air markets will most likely only accept cash. Banks are open from 9.30 am to 3 pm on weekdays, and 9.30 am to 11.30 am on Saturdays.

 Smoking
Smoking is not permitted in public service vehicles, museums, libraries, lifts, theatres, cinemas, air-conditioned restaurants, non-air-conditioned eating houses, hawkers centres, hair salons, supermarkets, department stores and government offices. In line with efforts to improve the nightlife experience for all, there are smoking restrictions on entertainment outlets. Smoking is no longer allowed in all pubs, discos, karaoke bars and nightspots, unless within approved smoking rooms or smoking corners. Offenders can be fined up to 1,000 SGD.

Medical Facilities
Singapore’s medical facilities are among the finest in the world, with well-qualified doctors and dental surgeons. Pharmacies are readily available at supermarkets, department stores, hotels and shopping centres. Registered pharmacists generally work from 9 am to 6 pm.

Most hotels have their own doctor on call around the clock. Other doctors are listed under Medical Practitioners in the Yellow Pages of the Singapore Phone Book. Visitors can also contact the following hospitals’ International Patient Service Centres:
- Parkway Group Healthcare Medical Referral Centre, 302 Orchard Road, Tong Building #16-01/03, 6735 5000 (24 hour hotline)
- Raffles International Patients Centre, Raffles Hospital, 585 North Bridge Road, 6311 1222
- National Healthcare Group International Patient Liaison Centre, National University Hospital, 5 Lower Kent Ridge Road, 6779 2777 (24-hour hotline)
- Singapore Health Services (SingHealth) International Medical Service, Singapore General Hospital, Block 6/Level 1, Outram Road, 6326 5556

Important Telephone Numbers:
- Police: 999 (112 or 911 from an international phone)
- Emergencies, Fire and Ambulance: 995
- Lost credit cards: 18002276868 (VISA) or 6227 888 (MasterCard)
lectures on digital dentistry on Saturday. According to the organisers, participants can earn continuing professional education credits for every scientific session they attend.

The programme will be complemented by pre-congress workshops and poster presentations in the exhibition area in Halls 405 and 406.

Over 60 manufacturers and distributors have also registered for the trade exhibition, which will see the introduction of the latest dental materials, solutions and devices to the Asian market. For example, dental consumables manufacturer DENTSPLY has announced the launch of its “one” collection of premium, high-performance restorative materials at the show. Most of the products will be available to dentists in the region for the first time.

The 37th edition of the Asia Pacific Dental Conference will open this Friday with a welcome ceremony starting at 5.00 pm on Level 3. Visitors can still register for the congress and the exhibition on-site. Discounts will be provided to members of the Asia Pacific Dental Federation, as well as dental staff and students.

For more information about the congress, please visit the event’s website at www.apdc2015.sg.

Greetings from APDF/APRO President Dr Aisha Sultan al-Suwaidi

known as Singapore’s “Founding Father”, Lee Kuan Yew governed the Lion City for over three decades, from 1959 to 1990. Under his rule, the city-state developed from a Third World country into the economic powerhouse that it is today. On 23 March 2015, the 81-year-old passed away owing to illness.

The Asia Pacific Dental Federation has increased its membership and educational activities since it was founded almost 60 years ago in 1955 in Japan. Having established itself as the Asia Pacific Regional Organisation of the FDI World Dental Federation in 1967, it is now recognised as a leading institution in organised dentistry.

In addition to the excellent scientific programme, the welcome reception and social events will give participants the opportunity to network with colleagues while enjoying the cuisine, culture and warm hospitality of Singapore.

On behalf of the organising committee, I am pleased to welcome you all to Singapore, Asia’s leading health care and medical research hub. Enjoy what we have to offer: state-of-the-art infrastructure, with a unique blend of contemporary and traditional ways of life owing to our multicultural heritage.
Planmeca Romexis® 4.0
One software – all solutions

Planmeca Romexis® software

Planmeca Sovereign™ Classic
Radically different
- Intelligent in infection control
- Intuitive in use
- Ideal in ergonomics
- Planmeca PlanScan® integration

Planmeca ProMax® 3D family
True all-in-one units
- All imaging modalities: Panoramic • Cephalometric • CBCT image • Planmeca ProFace 3D photo • 3D model scan
- An ideal FOV for every diagnostic need
- A wide variety of imaging programs

Planmeca CAD/CAM™
Integrated workflow
- Open solutions for all digital dentistry
- High precision for prosthetic works
- One software platform from scanning through design to milling

Dental units, imaging and CAD/CAM in one software – an industry first

Planmeca offers a revolutionary all-in-one software solution for clinics of all sizes, providing a smooth digital workflow. The new version 4 of our industry-leading and pioneering Planmeca Romexis® software brings together all the devices at your dental clinic. This ensures unforeseen time and cost efficiency, allowing full concentration on patient treatment.

Visit us at Booth B9 - B16
Declarations on amalgam phase-out in Asia signed

Representatives of dental and civil society organizations in Asia recently signed a declaration that calls for a phase-out of dental fillings containing mercury throughout the region. The agreement also aims for the cessation of trade in amalgam and to educate dental professionals about mercury-free alternatives, such as Atraumatic Restorative Treatment.

Use of amalgam in the treatment of children and pregnant women is to be prohibited already in some countries. The declaration was formulated in Dhaka last November, and the signatories include dental practitioners from India, Nepal, Bangladesh, Thailand, Pakistan, and Sri Lanka. The declaration is aimed at reducing the adverse health effects of amalgam, which contains mercury, and to educate dental professionals about alternatives.

An overall phase-out of amalgam in dentistry in Asia is targeted for 2020. Signed by dental representatives from India, Nepal, Bangladesh, and Sri Lanka, the declaration is considered a practical step towards implementing the Minamata Convention on Mercury, an international agreement signed by 87 countries two years ago in Japan, that has banned the use of the substance in industrial products like batteries and fluorescent lamps, on the continent. Although amalgam is generally exempt from the ban, the convention recommended phasing down its use in dentistry worldwide.

If implemented effectively, the new declaration, formulated in Dacca, Bangladesh, last November, would make Asia the largest continent to phase out the controversial material, said Dilip Pattanaik, Executive Director of the Orissa State Dental Council, India. More than 70 per cent of dentists in the country are still using it as their primary filling material. The widespread use results in 65 tons of amalgam waste per year, which, despite new initiatives to educate dentists about the benefits of amalgam alternatives, is released into the environment. It is then transformed into methylmercury, a highly toxic form of the metal that poses health risks to wildlife and human beings.

The large number of dental practitioners and dental professionals both in the private and government sectors are unaware of these things and required to be sensitized to avoid amalgam disposal through the normal sewer system. “Amalgam is a primitive, polluting product whose heavy metal content leads to cracked teeth. It is so old that it pre-dates the birth of Mahatma Gandhi. It has no role in 21st century dentistry and it is generally rejected among younger and more modern dentists,” he commented.

While mercury-free dentistry is growing even in rural parts of India, Pattanaik said, more than 70 per cent of dentists in the country are still using it as their primary filling material. The widespread use results in 65 tons of amalgam waste per year, which, despite new initiatives to educate dentists about the benefits of amalgam alternatives, is released into the environment. It is then transformed into methylmercury, a highly toxic form of the metal that poses health risks to wildlife and human beings.

“The large number of dental practitioners and dental professionals both in the private and government sectors are unaware of these things and required to be sensitized to avoid amalgam disposal through the normal sewer system,” Prof. Mahesh Verma, Indian Dental Association President and Director of the Maulana Azad Institute of Dental Sciences in New Delhi, told Dental Tribune Asia Pacific.

Religious practices like Hindu cremations further add to the environmental problem, as they release mercury from dental fillings into the air.

While the environmental effects of amalgam waste in Asia remain largely unknown, it is believed that the continent contributes significantly to the overall global burden. According to a 2013 report released by the United Nations Environment Programme, amalgam waste entering the solid waste stream amounts to 340 tons worldwide. Total emissions of mercury resulting from cremation of human remains were estimated at 3.6 tons.

The FDI World Dental Federation has announced that abstract submissions are now open for the next Annual World Dental Congress, which will be held in the Thai capital Bangkok from 22 to 24 September. The organization has invited authors to submit their scientific work in general dentistry and oral health, preventive dentistry, dental treatment and restorative dentistry, and implantology, among other areas of research in dentistry, by 15 April.

Authors can submit abstracts for oral and poster presentations online at the official website for the 2015 congress. Abstracts must be in English, not exceed 250 words, and not have been submitted and accepted at another national or international scientific meeting.

Authors of accepted abstracts will have the opportunity to present their research at the congress as part of the rich and diverse scientific programme, which will also feature presentations by numerous distinguished international experts. In addition, the FDI will be publishing abstracts and selected abstracts in a special online supplement to the International Dental Journal.

The selection of the host country for the 2015 Annual World Dental Congress was announced in 2013 when the congress took place in Istanbul in Turkey. It will be the third time in five years that the event has been held in Asia, after Hong Kong in 2012 and last year’s congress in New Delhi, India. However, it will be the first time that the Dental Association of Thailand will be hosting the annual meeting of the FDI.

More information about the congress and how to participate can be found at www.fdi2015bangkok.org or at booth A06.
Bulk Fill

Just one step to perfection...

- Deep Cure up to 4mm
- Low Shrinkage
- Remarkable Handling
- Anti-plaque
- Fluoride Release & Recharge
- Withstands Heavy Stress

BEAUTIFIL-Bulk is formulated with a unique balance of filler-resin chemistry to maximize light penetration for optimum cure depth and low polymerisation shrinkage stress while assuring remarkable shade match and sustained fluoride protection.

For more details, simply contact your nearest SHOFU dealer today!

SHOFU DENTAL ASIA-PACIFIC PTE. LTD.
10 Science Park Road, #03-12 The Alpha, Science Park II, Singapore 117684
Tel (65) 6377 2722  Fax (65) 6377 1121  eMail mailbox@shofu.com.sg  website www.shofu.com.sg
For the past 100 years the objective of dentistry has always been to maintain the natural dentition wherever possible. Since root canal treatment was first performed, the objective of endodontics treatment has never wavered from preventing or treating apical periodontitis so that there is complete healing and an absence of infection, while the overall long-term goal is the placement of a definitive, clinically successful restoration and preservation of the tooth.

The criteria for endodontic success is clear. The clinician must first find the canals and access the anatomy of the root canal system. Once found, the canals must be negotiated to their apices, the smear layer and biofilm removed and subsequent obturation and restoration must be achieved in a timely and effective manner.

With the emergence of technology, clinical endodontics is seeing higher successes never seen before. At the Asian Pacific Dental Conference (APDC) in Singapore I will be addressing breakthrough concepts and detailing the skills necessary for acquiring the expertise and confidence to perform the highest quality endodontics.

The participants in the lecture and hands-on workshop programmes will become familiar with the use of the "apex last" approach to canal shaping with nickel-titanium instrumentation using the TF (Twisted File) Adaptive System. This innovative “Shaping System” will present the scientific evidence illustrating the superior flexibility of the TF file based on its design and the way in which it is manufactured.

Adaptive Motion Technology will also be introduced. The revolutionary elements motor in TF Adaptive Mode will “direct” the file to either rotate or reciprocate based on file load in the canal. The continuous feedback loop from the file to the motor allows the movement of the file to self adjust based on intra-canal torsional stresses. Scientific evidence shows how this NiTi system provides a file that has an increased resistance to cyclic fatigue and will evacuate debris coronally and not apically through the apex thereby lessen post-operative pain more than any other NiTi system available. This allows the file to enjoy the advantages of rotary and reciprocation while minimizing the disadvantages that both systems have. Rotary when you want it, reciprocation when you need it!

Also to be discussed will be predictable irrigation protocols using passive ultrasonic irrigation and apical negative pressure with the EndoVac, vertical condensation of thermo softened gutta percha with the Continuous Wave technique as well as the elements free Obturation systems.

Dr Gary Glassman lectures globally on endodontics. He maintains a private practice specialised in endodontics in Toronto, Canada, and is also on staff in the graduate department of endodontics at the University of Toronto’s Faculty of Dentistry. You can join his two entertaining and fast-paced lectures as well as a hands-on workshop on Friday.
Unrivaled innovation, thoughtful design, lasting integrity: A-dec 500 is based on decades of collaboration with dentists worldwide. Such cooperation has led to pressure-mapped patient comfort, robust integration of handpieces and technology to minimize reach, and a touchpad that provides single-point system control.

In a world that demands dependability, A-dec delivers a proven solution without a single compromise.
37th Asia Pacific Dental Congress
Singapore 2015—Floor plan

Floor plan and exhibitors list are subject to change. Last update was 20 March, 2015.
<table>
<thead>
<tr>
<th>Company</th>
<th>Booth</th>
</tr>
</thead>
<tbody>
<tr>
<td>3M Technologies Pte Ltd</td>
<td>E14</td>
</tr>
<tr>
<td>4T Technologies Pte Ltd</td>
<td>D17</td>
</tr>
<tr>
<td>ADec Inc.</td>
<td>E01</td>
</tr>
<tr>
<td>ADM Asia-Pacific Pte Ltd</td>
<td>E10</td>
</tr>
<tr>
<td>Amann Girrbach AG</td>
<td>F10</td>
</tr>
<tr>
<td>APDC 2016</td>
<td>B21</td>
</tr>
<tr>
<td>Apixia Corporation</td>
<td>F01</td>
</tr>
<tr>
<td>Asia Implant / Zirkonzahn</td>
<td>F02</td>
</tr>
<tr>
<td>Association of Dental Sciences of the Republic of China</td>
<td>A10</td>
</tr>
<tr>
<td>Association of Oral Health Therapist</td>
<td>B18</td>
</tr>
<tr>
<td>Blossom/ Mexpo International Inc.</td>
<td>C09</td>
</tr>
<tr>
<td>Calgin Enterprises Pte Ltd</td>
<td>D19</td>
</tr>
<tr>
<td>Carestream Health</td>
<td>C11</td>
</tr>
<tr>
<td>Chee Sang Dental Supply Pte Ltd</td>
<td>C16</td>
</tr>
<tr>
<td>Colgate-Palmolive</td>
<td>D01</td>
</tr>
<tr>
<td>Defence Forces Dentistry (Thailand)</td>
<td>B22</td>
</tr>
<tr>
<td>Denso Dental &amp; Medical Suppliers Pte Ltd</td>
<td>C12</td>
</tr>
<tr>
<td>Dental Asia</td>
<td>E18</td>
</tr>
<tr>
<td>Dental Tribune International</td>
<td>A08</td>
</tr>
<tr>
<td>DENTSPLY Singapore Pte Ltd</td>
<td>C17</td>
</tr>
<tr>
<td>Dürr Dental AG</td>
<td>C18</td>
</tr>
<tr>
<td>Eastland Dental Supplies Pte Ltd</td>
<td>D16</td>
</tr>
<tr>
<td>Elitedent Technologies Pte Ltd</td>
<td>C15</td>
</tr>
<tr>
<td>FDI 2015 Bangkok Thailand</td>
<td>A06</td>
</tr>
<tr>
<td>Fondaco Pte Ltd</td>
<td>D11</td>
</tr>
<tr>
<td>GluStitch Inc.</td>
<td>A05</td>
</tr>
<tr>
<td>Goh Private Limited</td>
<td>B10</td>
</tr>
<tr>
<td>Hong Kong Dental Association</td>
<td>B20</td>
</tr>
<tr>
<td>IDEM Singapore 2016</td>
<td>A07</td>
</tr>
<tr>
<td>Info Resources Services</td>
<td>A12</td>
</tr>
<tr>
<td>Jacks BS Singapore Pte Ltd</td>
<td>D18</td>
</tr>
<tr>
<td>KaVo Dental Asia-Pacific Pte Ltd</td>
<td>C01</td>
</tr>
<tr>
<td>Malaysian Dental Association</td>
<td>B17</td>
</tr>
<tr>
<td>Mandarin</td>
<td></td>
</tr>
<tr>
<td>Opto-Medic Co Pte Ltd</td>
<td>A03</td>
</tr>
<tr>
<td>Medisys Innovation Pte Ltd</td>
<td>C13</td>
</tr>
<tr>
<td>MedKraft Orthodontics U.S.A</td>
<td>E09</td>
</tr>
<tr>
<td>Morita Dental Asia Pte Ltd</td>
<td>A01</td>
</tr>
<tr>
<td>N.K. Luck (S) Pte Ltd</td>
<td>C14</td>
</tr>
<tr>
<td>N.K. Luck (S) Pte Ltd</td>
<td>F07</td>
</tr>
<tr>
<td>Nobel Biocare</td>
<td></td>
</tr>
<tr>
<td>Singapore Pte Ltd</td>
<td>E06</td>
</tr>
<tr>
<td>North (Nanjing) Instrument Technology Industries Group</td>
<td>A04</td>
</tr>
<tr>
<td>NSK Asia</td>
<td>F11</td>
</tr>
<tr>
<td>Nu-Hup Teck Pte Ltd</td>
<td>E15</td>
</tr>
<tr>
<td>Omnia Spa</td>
<td>E05</td>
</tr>
<tr>
<td>Pearlie White (Corison Pte Ltd)</td>
<td>D10</td>
</tr>
<tr>
<td>Pharamaniga Berhad</td>
<td>D15</td>
</tr>
<tr>
<td>QST Dental Pte Ltd</td>
<td>E20</td>
</tr>
<tr>
<td>Raydent Supplies (S) Pte Ltd</td>
<td>E17</td>
</tr>
<tr>
<td>Roland DG</td>
<td>F03</td>
</tr>
<tr>
<td>Score B.V. Dutch Ergonomic (Saddle) Seating</td>
<td>D20</td>
</tr>
<tr>
<td>SHG FU</td>
<td></td>
</tr>
<tr>
<td>Dental Asia-Pacific Pte Ltd</td>
<td>F05</td>
</tr>
<tr>
<td>Singapore Dental Association</td>
<td>A11</td>
</tr>
<tr>
<td>Sirona Dental Systems GmbH</td>
<td>B01</td>
</tr>
<tr>
<td>Smiletech (Asia) Pte Ltd</td>
<td>F09</td>
</tr>
<tr>
<td>Straumann-Institut</td>
<td></td>
</tr>
<tr>
<td>Straumann AG</td>
<td>D13</td>
</tr>
<tr>
<td>Sunstar Singapore Pte Ltd</td>
<td>E11</td>
</tr>
<tr>
<td>Swissloupes - Sandy Credel AG</td>
<td>C10</td>
</tr>
<tr>
<td>Taiwan Dental Association</td>
<td>A09</td>
</tr>
<tr>
<td>Vietnam Odontostomatology Assoc (VOSA)</td>
<td>B19</td>
</tr>
<tr>
<td>Xenosys Co Ltd</td>
<td>E12</td>
</tr>
</tbody>
</table>

**Promedica**: Highest quality made in Germany

- **Light-curing nano-ceram composite**
  - Highly esthetic and biocompatible
  - Universal for all cavity classes
  - Comfortable handling, easy modelling
  - Also available as flowable version

- **Glass ionomer filling cement**
  - Perfect packable consistency
  - Excellent durable aesthetics
  - Also available as application capsules

- **Temporary crown & bridge material**
  - Less than 5 min. processing time
  - Strong functional load
  - Perfect long-term aesthetics
  - Excellent biocompatibility

Visit www.promedica.de to see all our products.
Growing CAD/CAM abutment adoption vs increasingly popular discount implants

Owing to opposing pricing trends to influence Asia Pacific dental implant market

Dr Kamran Zamanian & Celine Mashkoor

Growing CAD/CAM abutment adoption

The various countries in the Asia Pacific region are all expected to demonstrate an increasing demand for dental implant treatment, given the growing consumer awareness, ageing population, growing accessibility (such as through the National Health Insurance Service coverage in South Korea), as well as greater product availability and other influencing factors. Traditionally, premium implant companies have dominated the dental implant market globally. However, in recent years, discounted implants have become increasingly popular, especially in the Asia Pacific region.

The growth of the discount implant segment will emerge at the expense of the premium segment and as a result is set to limit market growth of the dental implant fixtures by lowering the market’s overall average selling price (ASP). In contrast, the premium abutment market is set to experience an increasing ASP owing to the growing adoption of CAD/CAM abutments in the place of stock abutments. While commoditisation of stock abutments has greatly depressed the ASP of the final abutment market, growing adoption of CAD/CAM abutments is set to stimulate the final abutment market by pulling the ASP upwards. Therefore, the dental implant market is set to grow in all four countries included in the Asia Pacific region in this report, namely Australia, South Korea, Japan and China, despite varying pricing trends.

In the Asia Pacific dental implant market, consumer awareness, cultural tendencies and domestic regulations vary greatly. South Korea presents the most highly developed dental implant market as a result of being home to a number of global leading dental implant companies. This in turn has led to a high level of consumer awareness and easy accessibility to a variety of dental implant products. However, the dental implant market in South Korea is also highly competitive, and domestic implant producer OSSTEM IMPLANT has demonstrated the lowest regional dental implant ASP of US$86 in 2014.

In contrast, the Australian market remains highly dominated by leading global implant companies, which collectively hold over 70% of the domestic market. Consequently, Australia demonstrated the highest dental implant fixture ASP in the region at US$345 in 2014. An increasing number of general practitioners are being trained in dental implant procedures in Australia, and general practitioners have been observed to be more cost sensitive relative to special.

The Japanese and Chinese markets for dental implants are also dominated by premium companies. In recent years, OSSTEM IMPLANT has had a significant impact on the Chinese market, however, especially as a result of the training programme offered by the company’s Advanced Dental Implant Training Centre. As a result of a growing number of general practitioners in the market, consumer preferences are shifting towards discounted solutions. Discount implant companies from the US and South Korea have recently been gaining market share in Australia. Throughout the forecast period, the premium segment of the market is expected to grow at far lower annual growth rates relative to the discount and value segments in Australia. By 2021, it is expected that discount implants will represent 43% of the overall units in the Australian market.

The growing acceptance of discount implants has been driven by Korean companies. The regional market leader, OSSTEM IMPLANT, held a 21.9% share of the total dental implant market for the Asia Pacific region in 2014. The company has invested significantly in marketing efforts, which has led to the growing popularity of its products. Throughout the forecast period, OSSTEM IMPLANT and other discount implant companies, such as MegaGen, Dentium and NeoBiotech, are expected to capitalise on the growing popularity of discount implants.

Growing CAD/CAM abutment adoption

The shift towards CAD/CAM abutments is set to represent over 31.6% of the overall units in the Chinese dental implant market in 2021, it is expected that discount implant companies, such as Straumann and Nobel Biocare, are expected to face increasing competitive pressures, especially in China and Australia. Emphasis on CAD/CAM

In the dental implant market, the final abutment market is undergoing an opposing pricing trend relative to dental implant fixtures. CAD/CAM abutments are being increasingly utilised in the place of cheaply produced stock abutments. CAD/CAM development has been relatively rapid in the Asia Pacific region in recent years. A growing number of CAD/CAM milling centres have emerged to produce CAD/CAM abutments for the dental implant market. The overall region is set to demonstrate significant growth in the CAD/CAM segment for final abutments.

In contrast to the dental implant fixture market, where discount products are gaining share, the overall final abutment market is set to demonstrate an increasing ASP. CAD/CAM final abutments are relatively more expensive than stock abutments, which have traditionally dominated the market. The shift towards CAD/CAM abutments is set to be most significant in China. For the overall region, units of CAD/CAM abutments are set to grow at a compound annual growth rate of 22.1%. By 2021, CAD/CAM abutments are forecast to represent 31.6% of the overall abutment units in Asia Pacific.

Conclusion

Overall, the dental implant market, including fixtures and abutments, is set to grow at a compound annual growth rate of 11.5% for the Asia Pacific region. The unit growth will outstrip the ASP effects, and the dental implant market will grow to reach a higher penetration ratio for the overall Asia Pacific region.
1 Year Clinical Masters™ Program in Aesthetic and Restorative Dentistry

April 2-5, 2015, a total of 4 days in Dubai (UAE)

On location sessions, hands-on in each session + online learning and mentoring

Learn from the Masters of Aesthetic and Restorative Dentistry: 

Registration information:

April 2-5, 2015 
a total of 4 days in Dubai (UAE)

Session fee: € 3,450 
(you can decide at any time to complete the entire Clinical Masters Program and take the remaining session)
DENTSPLY exhibits premium material collection at APDC in Singapore

One system for better restoration

DENTSPLY exhibits premium material collection at APDC in Singapore

At the sixth International Congress on Adhesive Dentistry (IAD), held recently in Bangkok in Thailand, dental consumables manufacturer DENTSPLY launched "one", its collection of premium, high-performance restoration materials that were designed not only to be easy to use, but also to allow dentists to achieve outstanding clinical results. Visitors to the Asia Pacific Dental Congress (APDC) in Singapore will be among the first to try out the new materials at the company’s booth (C7). DENTSPLY has also announced its post-congress symposium titled "Secrets of the anterior direct composite restoration—What should you really know about it?" to be held this Sunday from 6 pm to 7:30 pm with German restorative dentistry expert Dr Walter Dias.

According to the company, the "one" collection consists of ceram.x one UNIVERSAL and highly aesthetic restorations (ceram.x one DENTIN & ENAMEL). It also contains two bonding systems, one for total-etch applications (Prime&bond® one ETCH & RINSE) and one for self-etch, selective enamel etch and total-etch applications (Prime&bond® one SELECT).

Covering the full VITA shade range, ceram.x one UNIVERSAL offers a chameleon effect to facilitate natural, lifelike restorations and is ideal for everyday use. While many composite systems offer a myriad of shades and translucencies, making it difficult to match the colour of the natural teeth, ceram.x one DENTIN & ENAMEL replicates the structure of natural teeth utilising just two translucencies: dentine shades that mimic natural dentine and enamel shades that mimic natural enamel. Also covering the full VITA shade range, it enables highly aesthetic, natural restorations with only four dentine and three enamel shades.

It is difficult to achieve an optimum level of dentine moisture prior to the application of an adhesive. Overwet or overdry dentine can lead to insufficient sealing, resulting in microleakage and post-operative sensitivity. Prime&bond® one ETCH & RINSE offers a technique-tolerant solution, providing high bond strength and reliable performance even on overwet or overdry dentine, according to DENTSPLY.

The literature often recommends using a self-etch adhesive in cavities with a large proportion of exposed dentine in order to minimize the risk of post-operative sensitivity. However, etch and rinse adhesives have shown superior long-term results on enamel. Prime&bond® one SELECT combines the advantages of both techniques. It provides high bond strength with all etching techniques (self-etch, etch and rinse, and selective enamel etch) and delivers reliable performance even on overdry dentine, resulting in virtually no post-operative sensitivity.

Bulk filling from different perspectives

The IAD meeting was hosted by and held at Mahidol University from 31 January to 1 February and attended by more than 350 visitors from all around the world. With the theme "60th anniversary of adhesive dentistry: Now and beyond", the scientific programme focused on advancements in adhesive technology in terms of new adhesives and applications.

For a group of 24 experts in aesthetic dentistry from all over Asia, the IAD meeting continued with a one-and-a-half-day course titled "State of the art in direct anterior restorations with composites" using the ceram.x one UNIVERSAL and ceram.x one DENTIN & ENAMEL resin composite systems. Dr Dias demonstrated how easy it can be to achieve beautiful anterior composite build-ups and composite veneers by using the most suitable materials and following simple and logical sequences. Owing to its exceptional optical properties, ceram.x one is indeed a smart choice for aesthetic anterior restoration, he said.
Turbines without a dark side

01
Ring LED+: the only sterilizable 5x LED ring in the world

02
Shadowfree illumination at the treatment side

03
Scratch-resistant surface

Now available from your dental supplier or via wh.com
The Planmeca Romexis software platform offers a multitude of tools and features to meet the demands of different specialists. According to the manufacturer, the new 4.0 version (available for Mac OS and Windows) redefines the all-in-one experience, further improving user friendliness and presenting a wide selection of enhanced modules. Optimised for full high-definition screens, the revamped look and design of the software correspond with the fluid usability that has come to define Planmeca products.

The innovative dashboard interface of the new version utilises a flexible tile-based layout, helping users accelerate their workflow through fewer clicks. The software also dedicates more room to patient images, while its redesigned toolbars enhance usability.

In addition, the Planmeca Romexis 3D Implant Planning module has been upgraded with several tools, including implant alignment, safety areas with alerts, as well as a custom abutment designer. Furthermore, a number of essential functional enhancements have been added, such as the 3-D object browser—a feature that allows easy management of annotations and implant simulation elements.

“We have strived to build a complete ecosystem of devices, software and services that communicate with each other smoothly. Planmeca Romexis has always been integral to this process, as it is essentially the brains behind all our products,” remarked Helianna Puhlin-Nurminen, vice-president of the digital imaging and applications division at Planmeca. “The new software version is a great step forward in providing users with an even smoother workflow. With Planmeca Romexis 4.0, the future of digital dentistry has arrived.”

Planmeca is a worldwide forerunner in developing a complete range of solutions for dental professionals. The Planmeca Romexis software platform supports the most versatile range of 2-D and 3-D imaging modalities and integrates the entire chairside CAD/CAM workflow, from intra-oral scanning to prosthetic design and milling in one system. The Planmeca Romexis Clinic Management module further provides real-time information and monitoring of unit usage and events.

AD

The visible light-cured, gionomer-based direct resin system BEAUTIFIL-Bulk from SHOFU Dental promises faster, easier and simpler restorations with just one increment of up to 4 mm. According to the company, a unique balance of resin with new monomers and a combination of various types of fillers ensures that the desired cure depth is attained with

optimal physical properties, all-round fluoride protection, and minimal polymerisation shrinkage stress. Owing to its remarkable chameleon effect, SHOFU says it blends in well with a wide range of natural tooth shades even with just two shades.

The company offers BEAUTIFIL-Bulk in two viscosities. With its self-leveling property and seamless cavity adaptation, BEAUTIFIL-Bulk Flowable (2.4 g; shades: Universal and Dentin) is ideally indicated for dentine replacement. Designed as a sculptable paste for dentine and enamel replacement, BEAUTIFIL-Bulk Restorative (4.5 g; shades: A and Universal) helps to build up the natural contour of the tooth.

SHOFU DENTAL ASIA-PACIFIC, SINGAPORE www.shofu.com.sg Booth F05

The innovative dashboard interface of the new version utilises a flexible tile-based layout, helping users accelerate their workflow through fewer clicks. The software also dedicates more room to patient images, while its redesigned toolbars enhance usability.

In addition, the Planmeca Romexis 3D Implant Planning module has been upgraded with several tools, including implant alignment, safety areas with alerts, as well as a custom abutment designer. Furthermore, a number of essential functional enhancements have been added, such as the 3-D object browser—a feature that allows easy management of annotations and implant simulation elements.

“We have strived to build a complete ecosystem of devices, software and services that communicate with each other smoothly. Planmeca Romexis has always been integral to this process, as it is essentially the brains behind all our products,” remarked Helianna Puhlin-Nurminen, vice-president of the digital imaging and applications division at Planmeca. “The new software version is a great step forward in providing users with an even smoother workflow. With Planmeca Romexis 4.0, the future of digital dentistry has arrived.”

Planmeca is a worldwide forerunner in developing a complete range of solutions for dental professionals. The Planmeca Romexis software platform supports the most versatile range of 2-D and 3-D imaging modalities and integrates the entire chairside CAD/CAM workflow, from intra-oral scanning to prosthetic design and milling in one system. The Planmeca Romexis Clinic Management module further provides real-time information and monitoring of unit usage and events.

SHOFU DENTAL ASIA-PACIFIC, SINGAPORE www.shofu.com.sg Booth F05

The visible light-cured, gionomer-based direct resin system BEAUTIFIL-Bulk from SHOFU Dental promises faster, easier and simpler restorations with just one increment of up to 4 mm. According to the company, a unique balance of resin with new monomers and a combination of various types of fillers ensures that the desired cure depth is attained with

optimal physical properties, all-round fluoride protection, and minimal polymerisation shrinkage stress. Owing to its remarkable chameleon effect, SHOFU says it blends in well with a wide range of natural tooth shades even with just two shades.

The company offers BEAUTIFIL-Bulk in two viscosities. With its self-leveling property and seamless cavity adaptation, BEAUTIFIL-Bulk Flowable (2.4 g; shades: Universal and Dentin) is ideally indicated for dentine replacement. Designed as a sculptable paste for dentine and enamel replacement, BEAUTIFIL-Bulk Restorative (4.5 g; shades: A and Universal) helps to build up the natural contour of the tooth.

SHOFU DENTAL ASIA-PACIFIC, SINGAPORE www.shofu.com.sg Booth F05

The innovative dashboard interface of the new version utilises a flexible tile-based layout, helping users accelerate their workflow through fewer clicks. The software also dedicates more room to patient images, while its redesigned toolbars enhance usability.

In addition, the Planmeca Romexis 3D Implant Planning module has been upgraded with several tools, including implant alignment, safety areas with alerts, as well as a custom abutment designer. Furthermore, a number of essential functional enhancements have been added, such as the 3-D object browser—a feature that allows easy management of annotations and implant simulation elements.

“We have strived to build a complete ecosystem of devices, software and services that communicate with each other smoothly. Planmeca Romexis has always been integral to this process, as it is essentially the brains behind all our products,” remarked Helianna Puhlin-Nurminen, vice-president of the digital imaging and applications division at Planmeca. “The new software version is a great step forward in providing users with an even smoother workflow. With Planmeca Romexis 4.0, the future of digital dentistry has arrived.”

Planmeca is a worldwide forerunner in developing a complete range of solutions for dental professionals. The Planmeca Romexis software platform supports the most versatile range of 2-D and 3-D imaging modalities and integrates the entire chairside CAD/CAM workflow, from intra-oral scanning to prosthetic design and milling in one system. The Planmeca Romexis Clinic Management module further provides real-time information and monitoring of unit usage and events.

SHOFU DENTAL ASIA-PACIFIC, SINGAPORE www.shofu.com.sg Booth F05

The visible light-cured, gionomer-based direct resin system BEAUTIFIL-Bulk from SHOFU Dental promises faster, easier and simpler restorations with just one increment of up to 4 mm. According to the company, a unique balance of resin with new monomers and a combination of various types of fillers ensures that the desired cure depth is attained with

optimal physical properties, all-round fluoride protection, and minimal polymerisation shrinkage stress. Owing to its remarkable chameleon effect, SHOFU says it blends in well with a wide range of natural tooth shades even with just two shades.

The company offers BEAUTIFIL-Bulk in two viscosities. With its self-leveling property and seamless cavity adaptation, BEAUTIFIL-Bulk Flowable (2.4 g; shades: Universal and Dentin) is ideally indicated for dentine replacement. Designed as a sculptable paste for dentine and enamel replacement, BEAUTIFIL-Bulk Restorative (4.5 g; shades: A and Universal) helps to build up the natural contour of the tooth.

SHOFU DENTAL ASIA-PACIFIC, SINGAPORE www.shofu.com.sg Booth F05

The innovative dashboard interface of the new version utilises a flexible tile-based layout, helping users accelerate their workflow through fewer clicks. The software also dedicates more room to patient images, while its redesigned toolbars enhance usability.

In addition, the Planmeca Romexis 3D Implant Planning module has been upgraded with several tools, including implant alignment, safety areas with alerts, as well as a custom abutment designer. Furthermore, a number of essential functional enhancements have been added, such as the 3-D object browser—a feature that allows easy management of annotations and implant simulation elements.

“We have strived to build a complete ecosystem of devices, software and services that communicate with each other smoothly. Planmeca Romexis has always been integral to this process, as it is essentially the brains behind all our products,” remarked Helianna Puhlin-Nurminen, vice-president of the digital imaging and applications division at Planmeca. “The new software version is a great step forward in providing users with an even smoother workflow. With Planmeca Romexis 4.0, the future of digital dentistry has arrived.”

Planmeca is a worldwide forerunner in developing a complete range of solutions for dental professionals. The Planmeca Romexis software platform supports the most versatile range of 2-D and 3-D imaging modalities and integrates the entire chairside CAD/CAM workflow, from intra-oral scanning to prosthetic design and milling in one system. The Planmeca Romexis Clinic Management module further provides real-time information and monitoring of unit usage and events.

SHOFU DENTAL ASIA-PACIFIC, SINGAPORE www.shofu.com.sg Booth F05

The visible light-cured, gionomer-based direct resin system BEAUTIFIL-Bulk from SHOFU Dental promises faster, easier and simpler restorations with just one increment of up to 4 mm. According to the company, a unique balance of resin with new monomers and a combination of various types of fillers ensures that the desired cure depth is attained with

optimal physical properties, all-round fluoride protection, and minimal polymerisation shrinkage stress. Owing to its remarkable chameleon effect, SHOFU says it blends in well with a wide range of natural tooth shades even with just two shades.

The company offers BEAUTIFIL-Bulk in two viscosities. With its self-leveling property and seamless cavity adaptation, BEAUTIFIL-Bulk Flowable (2.4 g; shades: Universal and Dentin) is ideally indicated for dentine replacement. Designed as a sculptable paste for dentine and enamel replacement, BEAUTIFIL-Bulk Restorative (4.5 g; shades: A and Universal) helps to build up the natural contour of the tooth.

SHOFU DENTAL ASIA-PACIFIC, SINGAPORE www.shofu.com.sg Booth F05

The innovative dashboard interface of the new version utilises a flexible tile-based layout, helping users accelerate their workflow through fewer clicks. The software also dedicates more room to patient images, while its redesigned toolbars enhance usability.

In addition, the Planmeca Romexis 3D Implant Planning module has been upgraded with several tools, including implant alignment, safety areas with alerts, as well as a custom abutment designer. Furthermore, a number of essential functional enhancements have been added, such as the 3-D object browser—a feature that allows easy management of annotations and implant simulation elements.

“We have strived to build a complete ecosystem of devices, software and services that communicate with each other smoothly. Planmeca Romexis has always been integral to this process, as it is essentially the brains behind all our products,” remarked Helianna Puhlin-Nurminen, vice-president of the digital imaging and applications division at Planmeca. “The new software version is a great step forward in providing users with an even smoother workflow. With Planmeca Romexis 4.0, the future of digital dentistry has arrived.”

Planmeca is a worldwide forerunner in developing a complete range of solutions for dental professionals. The Planmeca Romexis software platform supports the most versatile range of 2-D and 3-D imaging modalities and integrates the entire chairside CAD/CAM workflow, from intra-oral scanning to prosthetic design and milling in one system. The Planmeca Romexis Clinic Management module further provides real-time information and monitoring of unit usage and events.
Swedish magician and four-time Merlin Award winner Joe Labero has returned to Singapore for a three-month gig at the Raffles. The theme of this year’s show is fire, so the audience can look forward to a hot and fiery extravaganza supported by Burnt Out Punks, an independent touring circus company from Sweden that specialises in pyrotechnics and post-apocalyptic scenery.

Joe Labero: 
A Night of Magic at Raffles 
• Date and time: Friday and Saturday (7:30 pm), Sunday (3 pm) 
• Venue: Jubilee Hall, Raffles Hotel 
• www.raffles.com/singapore 

Scottish pianist and scholar Kenneth Hamilton is back for the latest in his popular annual concerts at the Esplanade. Described by the Straits Times as “a formidable virtuoso”, tonight he is performing Romantic fantasies for piano by Beethoven, Liszt, Chopin and Schumann.

Piano Fantasies 
by Kenneth Hamilton 
• Date: 5 April 
• Starting time: 7.30 pm 
• Venue: Esplanade, Theatres on the Bay 
• www.esplanade.com 

Singapore Flyer Wheel and SkyPark 
• www.singaporeflyer.com 
• www.marinabaysands.com 
One of Singapore’s most popular spots for visitors and locals alike in 2014 were the Singapore Flyer Wheel and the 191 metre high SkyPark on top of the Marina Bay Sands hotel, from where visitors have been able to enjoy breath-taking views of the city and its surroundings since 2010. Visitors are advised to book their tickets early, as the capacity of the platform, which also houses the world’s longest elevated swimming pool, is limited to only 3,900 people.

The hotel claims to be the world’s largest standalone casino complex and, according to industry estimates, is about to rival popular international casino destinations like Las Vegas or nearby Macau. Last year, gaming experts said the complex produced revenues of several billion US dollars.

Taiwanese popular music had its heyday in the 1970s and 1980s, and there is probably no better representative of that era than You Ya. Also known as one of the “Five Great Asian Divas”, the singer and superstar had her first hit in 1970 with a composition by musical leg-
CROIXTURE

PROFESSIONAL MEDICAL COUTURE

THE NEW 2014-2015 COLLECTION

EXPERIENCE OUR ENTIRE COLLECTION ON WWW.CROIXTURE.COM