BIRMINGHAM, UK: A few weeks ago, the International Dental Show in Cologne Germany closed its doors with another record outcome of 155,000 visitors. During the five days of the show, manufacturers from all over the globe launched their latest dental products and solutions to markets in Europe. At the 2015 Dentistry Show, to be held from 17–18 April at the NEC in Birmingham, dental professionals in the UK will finally have the chance to get their hands on the latest materials and tools in dentistry.

The Launchpad UK, however, is only one of many novelties the organiser has promised to present this year. For the first time, for example, visitors of the show will have access to the EndoLounge, a new forum designed in association with the British Endodontic Society that will provide an update on the latest clinical techniques, materials and research in the field. Reflecting the increasing demand for information on facial aesthetics, the new Facial Aesthetics Theatre will explore the latest clinical techniques and products in this particular area to help you deliver safe and effective treatment for all your patients, the organiser said. Hosted by experts at Apolline, the Compliance Clinic will ensure regulation compliance for all practitioners. Visitors will also find old favourites such as the ever popular PerioLounge, delivered in association with the British Society of Periodontology, and the Short-Term-Orthodontics Lounge, as well as the ADI Implant, GDP and CORE CPD theatres at the show. Business Skills Workshops held in conjunction with Practice Plan will also return.

But it will be not just all mouth, the organiser said. On Friday evening, the show will host the prestigious Dental Awards in association with the British Society of Periodontology, and the Short-Term-Orthodontics Lounge, as well as a first chance to look at the latest innovations in the UK industry. The Dentistry Show is the UK’s largest source of live Continuing Professional Development (CPD) and the fastest growing dental trade exhibition. Providing numerous learning and networking opportunities for all members of the dental team, The Dentistry Show 2015 will host a two-day programme packed with inspirational lectures, practical advice and hands-on experiences, as well as attendance from over 400 UK and international exhibitors.

WHAT’S ON
Over one million people make Birmingham the second-most populous city in the UK after the capital. Here are some tips how to enjoy your time off in the Brum.

American Express teams up with Dentistry Show, Hosts VIP Lounge
By Dental Tribune

BIRMINGHAM, UK: Under a new partnership, American Express will be supporting the VIP experience granted to attending owners, practice managers and dentists at the Dentistry Show to be held from 17 to 18 April in Birmingham. In addition to the American Express hosted VIP lounge, the VIP experience includes fast tracked entry, complimentary lunch and front row seats in the Facial Aesthetics Theatre.

VIP status is granted automatically to attendees who have qualified in the past, the company said. New attendees are invited to speak to one of the American Express ambassadors in the VIP Lounge at the show or visit americanexpress.co.uk/dental.
As Chair of the Association of Specialist Providers to Dentists (ASPD) and Head of Dental at Newcastle-based law firm Sintons & Partners, Amanda Maskery advises dentists on legal issues on a daily basis. Working closely with the dental community in northern England, she will be offering her expertise to visitors to this year’s Dentistry Show in Birmingham (Booth E76). Dental Tribune had the opportunity to speak with her about the new National Health Service (NHS) contract and its impact on dentists in the UK.

Dental Tribune: Ms Maskery, you have been heading ASPD for over a year. What have been the major challenges during that time?

Amanda Maskery: There are continually challenges for the dental profession, which we at ASPD have to address. During the past year, we have seen a great deal of unrest among dental professionals due to the potential introduction of the new NHS contract. As a result, there is much uncertainty as to what lies ahead.

The new NHS dental contract has indeed stirred up some debate in the UK dental community. Is this reflected in the number of clients you see and the kind of requests that you have received from dentists?

There has been a marked rise in the number of people wanting to sell their practice and exit the profession perhaps earlier than they would otherwise have done. This has resulted in corporates buying up practices in increased numbers, but also offers the opportunity to young dentists to purchase a practice from someone leaving the profession. My team and I work extensively throughout the UK and saw a significant increase in sales and transactions last year. At Sintons, we have a ten-strong specialist dental team and are regarded as being among the leading advisers in the UK. We are receiving new instructions from clients across the country as a result of the changing nature of the industry and uncertainty around the new contract.

What other issues are you confronted with on a daily basis?

There is genuine difficulty in getting things done according to a particular timescale owing to the levels of red tape that exist within the Care Quality Commission and NHS England.

When are dentists advised to seek legal advice in general?

Key times are if the structure of the practice is changing, in which case legal advice from an employment and governance point of view will be very important. Obviously, it is essential when buying or selling a practice.

It is also advisable to seek the advice of a knowledgeable legal professional regarding the new NHS dental contract, after discussions with local area teams.

There is much uncertainty as to what lies ahead.
1 Year Clinical Masters™ Program in Aesthetic and Restorative Dentistry

12 days of intensive live training with the Masters in Athens (GR) and Geneva (CH)

Three sessions with live patient treatment, hands-on practice, plus online training under the Masters’ supervision.

Learn from the Masters of Aesthetic and Restorative Dentistry:

Dr. Eith McDow
Dr. Paolo Baroni
Dr. Marco Fribendi
Dr. Steven Pelizzoni
Dr. Didier Delachy
Dr. Giambanco Poltron

Registration information:

12 days of live training with the Masters in Athens (GR), Geneva (CH) + self study

Curriculum fee: €9,900 (Based on your schedule, you can register for this program one session at a time.)

Details on www.TribuneCME.com

contact us at tel.: +49-341-484-74134
email: request@tribunecme.com

Collaborate on your cases and access hours of premium video training and live webinars.

University of the Pacific

You will receive a certificate from the University of the Pacific.

100 C.E. CREDITS

ADA CERP®

Tribune Group GmbH is the ADA CERP provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

Tribune Group GmbH is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing dental education programs of this program provider are accepted by AGD for Fellowship, Mastership, and membership/maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement.
Planmeca updates Romexis software

The Planmeca Romexis software platform offers a multitude of tools and features to meet the demands of different specialists. According to the manufacturer (Booth F60), 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 customisation feature. Furthermore, a number of essential functional enhancements have been added, such as the 3D 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 Heliaanna Puhlin-Nurmisen, 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 2D and 3D 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.

VOCO innovates at Dentistry Show

Dental manufacturer VOCO (Booth L55) aims to impress with several pioneering products and devices at the Dentistry Show 2015. Admira Fusion x-tra, which has the same physical properties but allows increments of up to 4 mm, is one of these new products. The new filling system is complemented by several tools, including implant alignment, safety areas with alerts, as well as a customisation feature. Furthermore, users can customise the interface with their own logos and design elements.

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 customisation feature. Furthermore, a number of essential functional enhancements have been added, such as the 3D 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 Heliaanna Puhlin-Nurmisen, 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 2D and 3D 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.

Implants stand out in comparative implant surface study

Israeli manufacturer MIS Implants Technologies has announced that its products have achieved favourable results in an extensive qualitative and quantitative elemental analysis using scanning electron microscopy. The study was conducted on behalf of the Quality and Research Committee of the European Association of Dental Implantologists. It included 55 systems of sterile-packaged implants from 37 manufacturers and ten countries.

According to the intermediate study report, the C1 implant and the SEVEN implant manufactured by MIS achieved noteworthy results. The Scanning electron microscope analysis of the surface in earlier studies by the committee conducted by Reiner et al. in 2013 and 2012, the researchers did not find any isolated spots with residue on the two MIS implant types of Grade 23 (titanium) in the current study. MIS Materials Discipline Manager Dr Tal Reiner explained the surface treatment processes applied by MIS that led to the results: “We monitor the surface roughness, uniformity and purity of our implants on a daily basis, taking samples from selected batches, and using our own in-house scanning electron microscope. Because the analysis is done in our own labs, on-site, there’s no holding up production for results.”

“MIS adheres to strict procedures, adding any steps necessary to ensure the lowest percentage of contaminants, including blasting residue or remnants from various stages of production,” Reiner added. “Because the scanning electron microscope analysis is done on sample only, a trained technician also does a 100 per cent visual inspection on each and every implant. Any flawed implants are unconditionally rejected.”

The intermediate report, titled “Surface analysis of sterile packaged implants”, was published in the 01/2015 issue of the European Journal for Dental Implantologists.
The **art** of creating **beautiful** smiles.

Welcome to the **GC G-ællery** – aesthetic solutions for every case … with exactly the handling you prefer

**G-ænial** from GC

At GC, we focus on individuality. We understand that no two patients are the same – and neither are their restorative challenges. We also understand no two dentists have exactly the same preference when it comes to placement technique or ideal composite restorative.

To meet this need GC presents a range of composites with **handling options** from firm and packable through to flowing and injectable. Each GC composite introduces **aesthetic qualities** which help clinicians create **invisible restorations** with simplicity and efficiency. Each of these composites offers **superior physical properties** and polish retention to ensure strength and **durable aesthetics**. And each product showcases the innovation and quality that is core to GC’s product philosophy.

www.gceurope.com
“The dental industry is moving closer to a complete digital workflow”

An interview with Stratasys Director of Global Dental 3-D printing, Avi Cohen

Digital dentistry is an upcoming industry that has undergone rapid development in recent years. Intra-oral scanning, CAD/CAM and 3-D printing have fundamentally changed the workflow of dentists and dental technicians and have improved many dental procedures. Dental Tribune had the opportunity to discuss this topic with Avi Cohen, Director of Global Dental for 3-D printing manufacturer Stratasys recently at IDS.

Dental Tribune: Mr Cohen, what are the advantages of using 3-D printers and digital dentistry technologies in a dental practice or laboratory, and why is digital dentistry becoming increasingly important for dental professionals?

Avi Cohen: The dental industry is by its very nature fast paced and requires rapid turnaround. When patient care is directly affected by the technology, technicians will always look for innovations that can reduce time while improving quality and precision and money and having a direct and positive impact on patient care.

With the cost of laboratory work becoming a major factor in dental restoration planning and therapy, we are seeing an increase in the adoption of digital dentistry by dental laboratories. This enables them to improve efficiency and provide a higher level of patient care.

For many dental professionals, this evolution has been a long awaited and welcome transition to a faster and labour-saving process that improves quality and precision while keeping businesses competitive.

How have dentists responded to the trend of digital dentistry? Do you think that the majority of practices and laboratories are already using or considering using digital technologies such as 3-D printing?

With any new technology, there is always the need to educate and it is the same in dentistry. It could be argued that many dentists hold traditional plaster moulds in high regard, but now there are alternatives. I believe that an increasing number of dentists, as well as newcomers entering the industry, will adopt newly available technologies that improve productivity, one of them being a move to digital dentistry.

With an increased range of superior intra-oral scanners and associated software now available on the market, more and more dental laboratories of all sizes are exploring and installing the level of 3-D printing technology that suits their company’s size and budget.

Most notably this year, we have seen an explosion of devices dedicated to digital imaging, impression taking and CAD/CAM fabrication of restorations—both chairside and in the laboratory. With the rollout of new 3-D printing systems, materials and capabilities matured, allowing for digital impressions and, for up to 24 hours, enabling dental laboratories to offer new additional capabilities, such as crowns, bridges, inlays, veneers and frameworks.

What in general makes your products stand out from the competition?

Dental technicians traditionally rely on steady hands and expert eyes to prepare crowns, bridges, frameworks, etc. The manual process is time-consuming and imprecise and requires materials that do not typically provide the best durability or aesthetic appearance. With a 3-D printer doing the hard work, dental laboratories eliminate the bottleneck of manual modelling. By combining oral scanning, CAD/CAM and 3-D printing, they can accurately and rapidly produce crowns, bridges, stone models and a range of orthodontic appliances.

Forward-thinking dental and orthodontic laboratories are continually seeking to improve their processes, reduce lengthy milling time and stay ahead of the competition. Using Stratasys’ PolyJet 3-D printing technology, featured in our Dental Series 3-D printers, laboratories can print in superfine 16 µ layers, dramatically increasing precision and reducing production time in comparison with traditional dental mould making. This avoids the need for patients to return to dental laboratories for corrective procedures, saving dentists both time and over the coming year, many believe that more dentists will begin to view the technology as a viable alternative for their practices.

We might look back at this year as the moment that dental laboratories passed the point of no return from a traditional manual workflow towards an all-digital design and manufacturing process. In many respects, digital dentistry is already here, with a growing number of laboratory owners incorporating it in some form into their strategic business models.

What innovations in the field of digital dentistry is Stratasys presenting at this year’s IDS?

We are using IDS to exhibit new systems and materials. At this event, we are presenting something the market has never seen before: a breakthrough and the future. For centuries, impressions formed the basis for crowns and bridges. Everything was made by hand. Then intra-oral scanners were invented, allowing for digital impressions and, engineered to meet the demanding productivity needs of mid-sized dental laboratories and medium to large orthodontic laboratories and provides new additional capabilities for improved productivity.

With labour costs as the main expense for dental and orthodontic laboratories, the Objet Eden260VS Dental Advantage addresses this through a greater level of automation. Printing is done at the click of a button and, owing to the water-soluble support media, cleaning of models is an automated process. A single laboratory technician can design, print and have all models cleaned automatically with no post-processing required. The reduced cost per model has a knock-on effect on the labour cost.

In addition to our Dental Series 3-D printers, we offer a range of advanced dental materials, including the biocompatible VeroGlas. This material is ideal for applications requiring mucous membrane contact for up to 24 hours, enabling dental laboratories to use VeroGlas to create veneer try-ins precise A2 tooth shading. Soluble support technology allows the easy cleaning of dental parts with fine features, such as small removable die inserts in dental models.

Thank you very much for this interview.
CAD/CAM & DIGITAL DENTISTRY INTERNATIONAL CONFERENCE

06 - 10 MAY, 2015
JUMEIRAH BEACH HOTEL
DUBAI, UAE
14 CME HOURS
www.cappmea.com/cadcam10

7th DENTAL - FACIAL COSMETIC INTERNATIONAL CONFERENCE

Joint Meetings
11 - 16 NOVEMBER, 2015
Inman Aligner Symposium
AAID 4th Global Conference
JUMEIRAH BEACH HOTEL
DUBAI, UAE
14 CME HOURS
www.cappmea.com/aesthetic2015

DENTAL HYGIENIST DAY 2015
Part of the
7th Dental - Facial Cosmetic International Conference
14 NOVEMBER, 2015
JUMEIRAH BEACH HOTEL
DUBAI, UAE
4 CME HOURS
www.cappmea.com/aesthetic2015

CAD/CAM & DIGITAL DENTISTRY INTERNATIONAL CONFERENCE
04 - 05 DECEMBER 2015
SUNTEC SINGAPORE
14 CME HOURS
www.cappasia.com

DENTAL TECHNICIAN FORUM part of IDEM SINGAPORE 2016
in cooperation with Koelnmesse
09-10 APRIL 2016
SUNTEC SINGAPORE
www.idem-singapore.com

In 2012 CAPP joined a global family of 95 publishers by becoming the proud owner of the Dental Tribune Middle East & Africa edition, and since then we have been delivering 6 print publications to over 20,000 Dental Professionals and in the MEA region, 24 e-newsletters are delivered to more than 41,000 active subscribers, and through an international website the latest industry news reaches the largest dental community worldwide wide an audience of over 650,000 Dental Tribune readers.

www.dental-tribune.me
Birmingham “Back to Backs”: Welcome to Brum

By Annemarie Fischer

“I grew up in Birmingham, where they made useful things and made them well”, says Birmingham native author Lee Child. Birmingham has been titled the "Second city", and is also referred to as Brum, derived from an ancient variation of "Brumman gere". Over one million 'Brummies' make it the second-most populous city in the UK after the capital.

Birmingham epitomises the idea of Enlightenment in England, fostered the Midlands Enlightenment (also "Birmingham Enlightenment") which sparked the scientific revolution, became the pulse of the industrial revolution, and currently hosts five universities as the UK's second-largest student city.

Lots to see and do

For a true time travel experience, the Back to Backs offers a restoration of the historic back-to-back housing. Each interior represents a different era from the 1800s to the present day. Admission is via guided tour only and can be booked via 0121 666 7671.

The Birmingham Science Museum Thinktank at the Millennium Point Building offers a hands-on experience of Birmingham as the historic "Workshop of the World" in the "City of a Thousand Trades". It also hosts the oldest and working Smithsonian Engine by Boulton and Watt from 1779, along with a planetarium and a Science Garden. Just opened in March, the Spitfire Gallery explores the history of the legendary aircraft, which was produced at the Castle Bromwich factory.

The Museum of the Jewellery Quarter captures the craftsmanship in a time capsule and preserves its iconic 19th century architecture. The museum serves as the starting point to explore the largest European hub of jewellery business, buzzing with local shops and art galleries - with St. Paul's Gallery as the largest art gallery outside of London. Watch out for the two trails, the "Findings Trail" and the "Charm Bracelet Trail" made by Birmingham artists, as a guide for visitors throughout the quarter.

Located at Chamberlain Square, the Birmingham Museum and Art Gallery offers free admission and hosts a collection of paintings starting from the 14th century to present, as well as fine art and historical industrial objects. Visitors should enter via the Big Brum clock tower, greeting visitors with the slogan "By the gains of Industry we promote Art."

One may also have fun in the brand new Staffordshire Hoard collection of an Anglo-Saxon gold treasure. The guided tour "Birmingham: its people, its history" offers a Victorian Birmingham experience. Contemporary and upcoming artists from the West Midlands are also continuously showcased.

The Bullring with the iconic Selfridges building and the Mailbox provides large shopping areas, with the Great Western Arcade offering a true Victorian shopping experience. For independent shops and entertainment visitors should definitely pay a visit to the Custard Factory. A Birmingham souvenirs bag should definitely include Typhoo tea along with Cadbury’s chocolate. The factory premises Cadbury World in Bourneville offer choco-tours not only a taste of the treat and the biggest Cadbury shop; the chocolate aroma permeates the town specifically conceptualized according to the needs of the factory.

If you are in the mood for something savoury instead, the pub scene around Broad Street indulges in fusion cuisine that thanks to Birmingham’s multicultural population is unique in Britain. While the Michelin-awarded Adam’s and Purnell’s have specialised in British contemporary cuisine, the Golden Bali Indian Takeaway is the best place to go for a Balti, a curry dish that has originated in Birmingham. www.visitisbirmingham.com

What’s on in Birmingham, 17−19 April

Hamlet (Theatre)

Date & time: 17 April, 8.30 pm
Location: Tower of Song Cafe Bar
107 Pershore Road S
www.towersofsong.co.uk

Probably the most famous play in the world and interpreted in thousands of different ways on stage and screen, Shakespeare’s Hamlet will be staged at the Crescent Theatre for only four nights in April. According to the theatre, Stage2 has a long established history of presenting award-winning five star Shakespearean plays that are clear and accessible to all ages and all levels of experience. There will also be plenty of twists and concepts to provoke discussion and debate.

Andy Wickett & World Service

Date & time: 17 April, 9.30 pm
Location: Crescent Theatre, 20 Sheepcote Street
www.crescent-theatre.co.uk

For a true time travel experience, the Back to Backs offers a restoration of the historic back-to-back housing. Each interior represents a different era from the 1800s to the present day. Admission is via guided tour only and can be booked via 0121 666 7671.

The Birmingham Science Museum Thinktank at the Millennium Point Building offers a hands-on experience of Birmingham as the historic "Workshop of the World" in the "City of a Thousand Trades". It also hosts the oldest and working Smithsonian Engine by Boulton and Watt from 1779, along with a planetarium and a Science Garden. Just opened in March, the Spitfire Gallery explores the history of the legendary aircraft, which was produced at the Castle Bromwich factory.

The Museum of the Jewellery Quarter captures the craftsmanship in a time capsule and preserves its iconic 19th century architecture. The museum serves as the starting point to explore the largest European hub of jewellery business, buzzing with local shops and art galleries - with St. Paul's Gallery as the largest art gallery outside of London. Watch out for the two trails, the "Findings Trail" and the "Charm Bracelet Trail" made by Birmingham artists, as a guide for visitors throughout the quarter.

Located at Chamberlain Square, the Birmingham Museum and Art Gallery offers free admission and hosts a collection of paintings starting from the 14th century to present, as well as fine art and historical industrial objects. Visitors should enter via the Big Brum clock tower, greeting visitors with the slogan "By the gains of Industry we promote Art."

One may also have fun in the brand new Staffordshire Hoard collection of an Anglo-Saxon gold treasure. The guided tour "Birmingham: its people, its history" offers a Victorian Birmingham experience. Contemporary and upcoming artists from the West Midlands are also continuously showcased.

The Bullring with the iconic Selfridges building and the Mailbox provides large shopping areas, with the Great Western Arcade offering a true Victorian shopping experience. For independent shops and entertainment visitors should definitely pay a visit to the Custard Factory. A Birmingham souvenirs bag should definitely include Typhoo tea along with Cadbury’s chocolate. The factory premises Cadbury World in Bourneville offer choco-tours not only a taste of the treat and the biggest Cadbury shop; the chocolate aroma permeates the town specifically conceptualized according to the needs of the factory.

If you are in the mood for something savoury instead, the pub scene around Broad Street indulges in fusion cuisine that thanks to Birmingham’s multicultural population is unique in Britain. While the Michelin-awarded Adam’s and Purnell’s have specialised in British contemporary cuisine, the Golden Bali Indian Takeaway is the best place to go for a Balti, a curry dish that has originated in Birmingham. www.visitisbirmingham.com

Georges Clinton & Parliament Funkadelic

Date & time: 19 April, 8.00 pm
Location: O2 Academy Birmingham
16–18 Bordesley Street
www.o2academybirmingham.co.uk

Seventy-four year old George Clinton needs no introduction. Born in North Carolina, he almost single-handedly ruled black music in the 1970s. His inspiration, dedication and determination resulted in the elevation of ‘funk’ music to complete recognition and acceptance as a true genre in and of itself. As the single most sampled artist in music history, he inspired a whole line of artists including Afrika Bambaataa, Prince or Rap legends Public Enemy.