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**#DTS19** 

У @dentaltechshow 🛛 in Dental Technology Showcase 🛛 🚹 Dental Tech Show

### COMPANY'S GREATEST ASSET IS ITS PEOPLE

The Dental Technology Showcase (DTS) was once again a resounding success in 2018, setting the bar high for this year. However, we feel we have risen to the challenge, bringing you even more outstanding speakers from across the globe, more enhanced CPD opportunities and a larger exhibition floor. Just as it is within your dental laboratory, we know that it is the people who have made this event what it is today and we'd like to welcome you all back once again this May!

With new technologies becoming available on the dental market at a rapid pace, it is also important to regularly review the design and layout of the lab in order to ensure it remains ergonomic for staff. DTS will be the ideal platform from which to seek the advice and support of experts in this area too. They can help you organise your premises so as to encourage productivity and efficient workflows for all. They can help you maximise on the space available and create the best possible physical environment for your staff to work in.

Whether you're interested in upgrading your existing milling machines, introducing cutting-edge 3D printing facilities or you simply want to browse the latest innovations for inspiration, DTS will certainly be the place to do so. There will be 70+ exhibitors on the trade floor displaying their latest solutions, with live demonstrations and bespoke guidance available at every turn. You will see exhibitors such as:



### Smells like team spirit

Taking your whole team to an event like DTS can offer a great incentive for valued staff. They will have the opportunity to enjoy two days outside of the lab, with the opportunity to develop their skills in areas of most interest to them. With a lab-dedicated educational programme delivered by world-

class speakers, as well as hours of enhanced CPD, they will appreciate the chance to learn new things for the advancement of their careers. They will hear from speakers like:

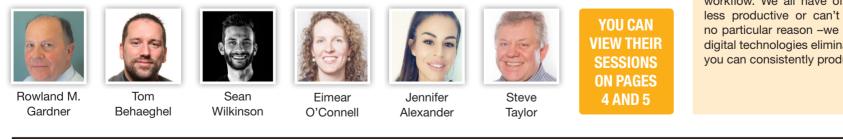
Continued on page 3 >

While the digital workflow is nothing new in dentistry any more, many dental laboratories are still in the early adoption stages. As such, many technicians and lab owners are seeking information and guidance on how to implement the most appropriate technologies for their businesses. The Dental Technology Showcase (DTS) 2019 will be the perfect place to ask any questions you may have, with professionals who are highly experienced in the field on hand to offer inspiration and support.

Among the speaker line-up at the event will be Sean Wilkinson, a dental technician from Italy with a particular interest in CAD/CAM. He initially earned a Diploma in Art and Design and then a Diploma in Computer Game Design from Westminster College in London, before completing a Diploma in Dental Technology at Lambeth College. After working in dental laboratories within the UK, he moved to Brunico, Italy, in 2015 to join Dental Laboratory Steger. An international course instructor for Zirkonzahn, Sean will be helping delegates at DTS 2019 to improve their understanding and implementation of the digital workflow.

"I think there are three main benefits of an effective digital workflow," he says. "First there is the speed afforded by digital technologies. I can remember staying in the laboratory until 11, 12 o'clock at night just to get a case finished -this doesn't happen now that I can create products much quicker and in a more predictable way. It is easier to fabricate high quality products on time, which means we have more satisfied dentists.

"The second benefit is the reliability of the digital workflow. We all have off days where we are slightly less productive or can't quite achieve perfection for no particular reason -we are only human! Utilisation of digital technologies eliminates these fluctuations so that you can consistently produce quality products.



Continued on page 3 >



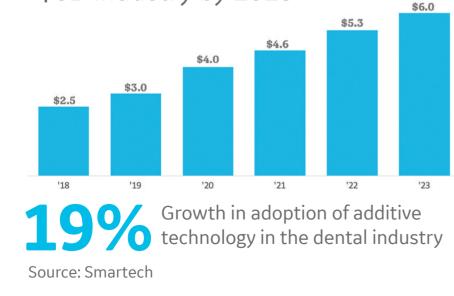




At GE Additive, we work to bring the transformative power of additive manufacturing (AM) to businesses around the globe. Through our own extensive experience incorporating additive technologies into our production process, we recognize the value and possibilities it brings to the dental industry.



### **Dental additive growth \$6B** industry by **2023**



### Additive benefits to the dental industry

### **TAILORED FIT**

AM allows you to manufacture precise frameworks for a tailored fit. It also allows for tension-free dental prostheses, for an improved fit in the patient's mouth.

### **DESIGN FREEDOM**

You can achieve delicate, complex and customized dental prostheses with AM.

### **MATERIAL WASTE REDUCTION**

AM allows for a minimal loss of material and high material density compared to conventional manufacturing and digital milling.

### **TIME SAVINGS**

AM allows for you to save a significant amount of processing time compared to the conventional manufacturing process.

### **DENTAL HYBRID MANUFACTURING**

AM can be combined with digital milling. The combination of AM with milling allows for

you to reduce cost and time. In addition, it enhances the freedom of geometry compared to a sole milling process.

To find out more about AM in the dental industry. visit **booth B10.** 



whw

**Manufacturing Partner GE** Additive







GREATEST

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future.

spirit.

Invest in your people

ASSET IS ITS

As if all that wasn't enough, DTS will also offer the perfect

opportunity for networking. Your team will be able to meet

with other professionals in the field to gain new ideas and

share experiences. Co-located with the British Dental

Conference and Dentistry Show, DTS will also enable

technicians to meet clients in person and strengthen the

relationships they have formed for enhanced services in the

Further still, it will be hugely beneficial for the whole team

to spend time with each other outside the lab. A great team

building exercise, the event provides a chance for colleagues

to learn together and bounce ideas off each other. You could

even contribute to an evening meal or accommodation to

show your appreciation for their hard work in the previous

year, promoting your team's value and encouraging team

It is widely agreed that the people are what make a

company successful. Investment in staff, recognition of their

achievements and support in areas requiring improvement are the marks of a good employer. To give your team and your laboratory the best chance of success in the long-term, make sure you're doing whatever you can to create and maintain

an effective working culture and environment. Discover all the very latest concepts, products and technologies at DTS to keep your team at the cutting-edge of the industry.

## A COMPANY'S GET BOTH FEET INTO DIGITAL

### Continued from page 1

"Finally, the digital workflow facilitates communication with patients, as it enables the dental team to show patients exactly what treatment could achieve. This makes it simpler to manage patient expectations and to deliver on promises as everyone understands what can and cannot be done from the beginning."

Sean will be speaking in the Digital & Innovation Theatre on Saturday 18thMay, presenting "CDD –Computer Dental Diagnostics". During his session he will explore an innovative approach to digital patient analysis for the manufacture of reproducible and totally unique restorations. He will share his wealth of experience in using the digital workflow every day in the lab and discuss the digital options now available to aid implant planning for improved communication between dental technician and dentist. He continues:

"One of the biggest challenges for dental technicians transitioning to a digital workflow is the combination of different software and technologies in their laboratories. It's much easier to transfer data from analogue to digital if all the existing systems are from the same source and therefore integrate seamlessly. Similarly, anyone who is currently only using a partial digital workflow will also find it difficult to amalgamate all data. One foot in and one foot out of digital doesn't work.

"My session at DTS 2019 will be ideal for those who haven't yet made the leap into digital workflows. Anyone who is not yet totally comfortable with the technology or who doesn't have the confidence to switch to fully digital workflows will have the perfect opportunity to learn more. "I hope delegates will leave my lecture with a improved significantly understanding of the diaital workflow developed by Zirkonzahn. I will also describe my own immediate implant loading protocol, which I have been working on for the past few years to enable one of the fastest chairside conversions than any other systems currently on the market. thanks to Zirkonzahn's digital workflow. I hope that delegates will be able to see how this can help take their business forwards."



The Digital & Innovation Theatre will offer a myriad of sessions designed to bring delegates to the very cuttingedge of the digital dental world. Various speakers will offer insight into new and exciting technologies and workflows, allowing everyone to make the most of solutions designed to improve quality and efficiency of daily processes.

The lab-dedicated trade show will offer further opportunity to discover new dental materials and products, with experts on hands to offer bespoke information and live demonstrations for anyone interested in utilising the show-only offers.

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### A CLEANER, HEALTHIER DENTAL LAB!

Daily polishing, sandblasting and grinding activities leaves a dental lab air filled with inhalable particles. Maintaining a clean and hygienic working environment isn't something to ignore–it's critical to this industry. In a dental laboratory where aluminum oxide, gypsum, glass ceramic, airborne metal particles, zirconia and pathogens can threaten your business, air quality can have a significant impact on the health and wellbeing of you and your technicians.



Your suction portals can only do so much capturing larger particles. It's the finer particles that impact the health of dental technicians and affect sensitive lab equipment.

AeraMax<sup>®</sup> Professional Air Purifiers with PureView technology in the lab offers a smart, integrated air cleaning capability. Thanks to EnviroSmart technology, intelligent sensors continuously monitor the occupancy and condition of the room and the built-in PureView screen shows you real-time PM2.5 data and the status of your room air quality.

### LEARN MORE AT WWW.AERAMAXPRO.COM/INDUSTRIES/DENTAL-LABS



# Guess which RPD the patient preferred?

### SOLVAY DENTAL 360

Ve think it's time you had a lightweight, comfortable, biocompatible Iternative to metal RPDs. So we created it. Introducing Ultaire® AKP, high-performance polymer.

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SOLVAY asking more from chemistry®

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# **DTS Education Program**

### **Digital Technology**

Eimear O'Connell, Principal Dentist, Bite Dentistry The use of digital technology to increase the profitability, predictability, and pleasurability of providing dental solutions for our patients. Learning outcomes:

- Understanding scanning & planning
- Application of digital tools to increase profit
- The many ways technology can help our practices develop



### Let's Get Things Straight

Rowland M. Gardner, Head of Dental/MPT Technology, King's **College Hospital NHS Trust** 

For five decades treatments have evolved then disappeared, and then remerge as the next best thing. Experiencing trends first hand, applying a multidisciplinary approach to laboratory techniques, some red lines will be challenged.

Demonstrating how innovation brought about by close collaborative working within the parameters of evidence based dentistry brings about change.



by

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HENRY SCHEIN<sup>®</sup>

### All-Ceramics: The complete overview

Tom Behaeghel, Technical Advisor North/West Europe, Vita Zahnfabrik H. Rauter GmbH

The digital world knows no limits and keeps developing within our profession at great speed. Not only new techniques like intra-oral scanning or printing are introduced, but also a variety of new restorative materials. Dentists and dental technician are expected to fully understand those new materials and know how, when & where to use them. Although information can be found anywhere, many colleagues still struggle to keep an overview. Unfortunately, choosing the wrong material often leads to problems, stress and an unsatisfied patient. That's why it's important we know these materials properties, so we can choose the right material for the right situation. During this lecture we would like to give you a complete overview of all Indirect allceramic material classes used today. We'll explain their indication & contra-indication, properties, bonding-protocol, latest scientific research, etc.

Learning outcomes:

- Indirect restorative materials
- Adhesive bonding
- Improving aesthetics
- **Digital Shadetaking**



### **CDD – Computer Dental Diagnostic**

Sean Wilkinson, Zirkonzahn CAD/CAM technician, R&D The challenge of digital workflows is how to transfer and combine patient's data properly in the virtual world. DT Sean Wilkinson will explain the modern concept of Computer Dental Diagnostic. By demonstrating patient cases, he will perform an indepth analysis of the latest state-of-the-art devices for a smooth, individual workflow that relies on the 1:1 transfer of the patient's specific situation into the software, for the creation of predictable, reproducible and 100% individual restorations. Learning outcomes:

- Examine an innovative approach for digital patient analysis based on the 1:1 transfer of the patient's data into the virtual world, for predictable, reproducible and 100% individual restorations
- Assess the importance of digital technology in everyday workflow, focusing on the advantages of a 3D virtual patient-based treatment planning (matching intraoral, model, facial and DICOM data) to enhance patient satisfaction
- Analyse new solutions for implant planning that simplify the communication between dentists and dental technicians boosting their cooperation Sponsored by
- Explain the use of the digital axiograph for capturing the patient's jaw relation

### Intraoral scanning, its benefits and results in simple and complex cases

Dr Jameel Gardee, Clinical Director, The Glasgow Smile Clinic Digital intraoral scanners have revolutionised how we deliver predictable, efficient dentistry. This session will explain how this technology is an essential part of the modern dental team and showcase its

everyday uses. Benefits of different systems will be discussed so you can understand which type suits your practice most.

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Stand S

Zirkonzahn

### **Considerations For Transitioning To A Digital Workflow** James Smith, Territory Manager, Planmeca

As a Lab are you aware of the influx of digital technologies into the UK dental practice? Are you able to provide a digital workflow if your customer purchases an intraoral scanner? An insight into the good the bad and the ugly of when your customer decides to go digital.



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# Highlight

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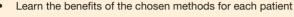
### **Rehabilitation of the Maxillectomy patient**

Jennifer Alexander, Specialist Orthodontic/Prosthodontic Technologist, NHS Ayrshire & Arran

Three patients were selected for rehabilitation of maxillary defects; this presentation will systematically describe each one in turn.

Learning outcomes:

- Identify different types of maxillary defect classifications
- Learn different techniques of materials and methods
- used for maxillary obturator defects



### Post-Registration Qualifications In Dental Technology. What Are Your Options?

### Chet Geisel, Senior Lecturer, Cardiff Metropolitan University

There are several options available for postgraduate qualifications in dental technology around the UK. The advantages are often overlooked- this brief overview will give an understanding of what is available and why you may benefit from undertaking a postgraduate programme in dental technology.

Learning outcomes:

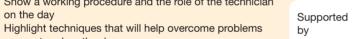
- Knowledge of postgraduate dental technology options
- Understanding of the Education Levels in the UK What benefits there may be to postgraduate qualifications

### Immediate Loading, Prosthetic planning to final fit

Steve Taylor, Partner, Taylor Dental Technology Centre

The presentation will cover the prosthetic planning that can be undertaken prior to the immediate load day. A working procedure will then be outlined to show how any problems encountered on the day can be efficiently overcome. Learning outcomes:

- Provide an insight into fixed implant prosthetics planning
- Show a working procedure and the role of the technician



### My vision of new ceramics and workflows

Thomas Telfer, Dental Technician / Ceramist, Nexus Dental Laboratory /South Dental Studio

In this session we will cover the benefits of the new ceramic materials, combined with the new ways of designing the frameworks. We will also see new ways of communicating between the dentist and technician, including photographic information.

Learning Outcomes:

on the day

encountered on the day

- Faster and easier ceramic layering technique.
- How to communicate between dentist and technician.

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- Outsourcing to be able to produce your best.



### Myths and Reality of Dental 3D Printing

Vanik Kaufmann-Jinoian, Lab Owner, Cera-Tech AG

Understanding 3D printing technology and how to make it successful in a dental laboratory.

3-D printing itself is not difficult, but in the dental field you have important parameters which you have to understand.

It's important to choose the right equipment, to use the right software, select the best printing resins and make it profitable.

Learning Outcomes:

- Understand 3-D printing
- Buy the right technology
- Be ready for the future
- Make your lab grow with new techniques



### **VISIT US ON STAND G10**

This year Dental Technologies Magazine will be celebrating its 20th birthday! When we started out on this adventure in 1999, we didn't know if we'd still be here one year later, let alone 20...

For 20 years our journal has been offering readers real such as digital photography and the Internet, made it easy If you aren't a subscriber three high-quality articles per issue, covering hot topics, new technologies, techniques, tips, equipment and products. We've ensured that the journal is written for technicians by technicians: our authors are lab mangers and dental technicians who love what they do and want to share it. We've made sure that articles are informative and objective with case documentation, quality photography and content.

insight via detailed technical articles. We've brought you to transfer images back and forth between the authors and the editorial team. Personal computers made it easier for technicians to write articles. The response to our call for articles was fantastic and the quality of the techniques shared by technicians, who would have found it hard to compile an article before, was impressive. We at the magazine will always be grateful for your input.

to our journal, why not visit our stand at the DTS? We'll be there to meet you and we'll be offering a special discounted rate on your annual subscription price. Each issue also includes two hours of verifiable CPD at no extra cost.





### Medical Device Regulation – What does it mean for the dental team?

James Green, Maxillofacial and Dental Laboratory Manager, Great Ormond Street Hospital for Children NHS Foundation Trust / Mid Essex Hospital Services NHS Trust / North Thames Cleft Centre

The Medical Device Regulation (MDR) entered into force on 25 May 2017, replacing the existing Medical Devices Directives (MDD), and will apply after a three year transitional period. This presentation will aim to explain how the new regulations will affect dental professionals who fabricate and provide dental appliances / restorations. Learning outcomes:

- Gain an insight into the history of medical device regulation in the UK
- Gain an understanding of the key differences between the Medical Devices Directives (MDD) and the new Medical **Device Regulation (MDR)**
- Gain an understanding of which Articles of the MDR relate to the fabrication and provision of dental appliances / restorations and which do not



### Metal additive technology - breaking the myths

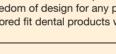
Joachim Krause, Master Dental Technician, Senior Global & Key Accounts Director, Concept Laser, a GE Additive company

The dental hybrid manufacturing solution combine the advantages of Additive Manufacturing with subtractive technology, which means a time and cost-efficient production process combined with highest accuracy. A specific single software solution controls both, the 3D metal printing process and the milling process.

- Highest accuracy of the products thanks to milling the surface of the additive part where needed.
- Freedom of design for any patient specific case
- Tailored fit dental products with thinnest wall structures.

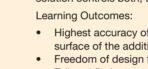
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# Learning Outcomes:











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This editorial commitment has gained us the ongoing support of you, our subscribers, and we'd like to thank you all for your loyalty over the years.

It hasn't always been an easy journey, especially when we launched the magazine, but those early days were very exciting. It was like a puzzle where the border had already been done and we had to fill in the picture - literally! Alain Guillaume supplied the pieces to start the venture and gave us a dream to follow. The timing was perfect: the new possibilities with regards to technology in 1999-2000,

Very quickly, following our success in the UK, we decided to take the journal worldwide and started to produce an international version as well. I remember going to the big meetings on both sides of the Atlantic and meeting great technicians whose enthusiasm for what we were trying to do was infectious.

It's been a long journey, and we have been fortunate to have been part of a fast-developing period in dental technology. Due to the exponential change in the profession from analogue to digital, every issue since we started there has been something interesting to report, and we hope that we have done right by you, the technician, in keeping you informed on all the innovations.

Whether your a golden oldie who's been with us from the start, or a shiny newbie, pop by to see us at the DTS, meet the team and get a reduced rate on your subscription.

See you there!

Wilky Bunyan, Scientific Director



Poppy Stoddart, Editor & Marketing Manager

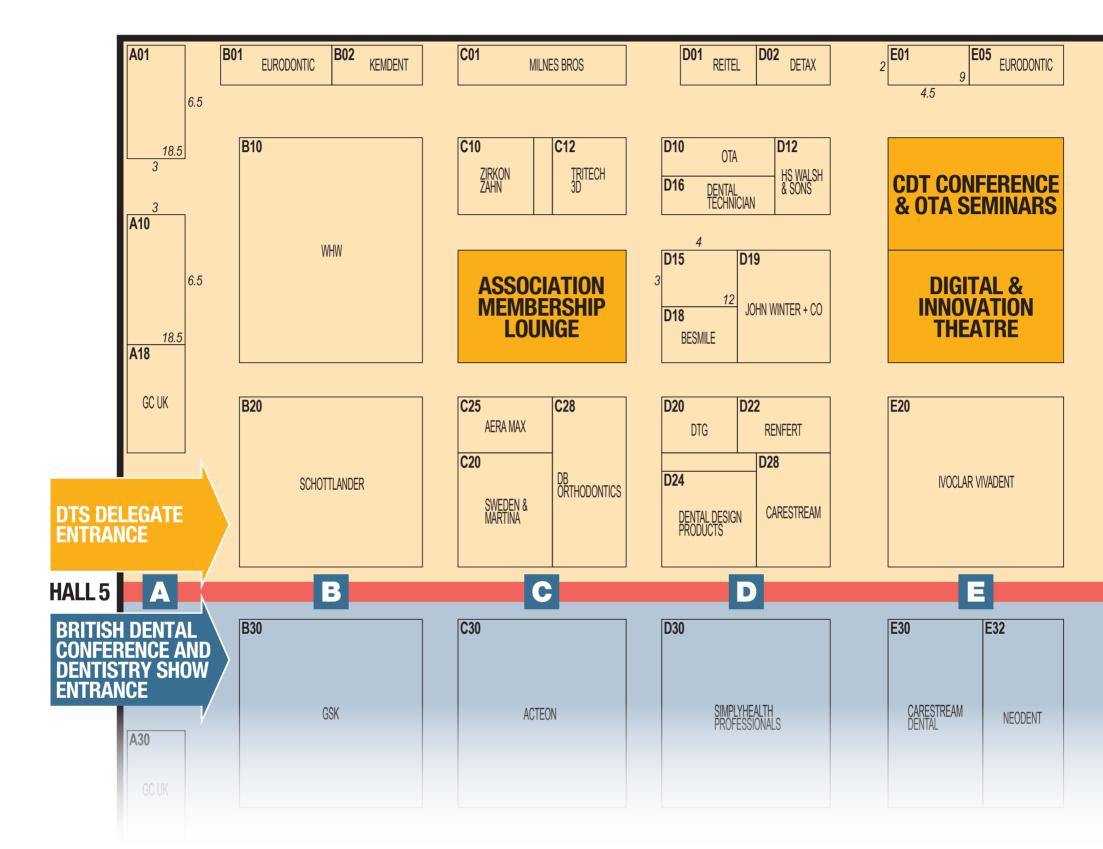




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# **2019 FLOORPLAN**



# **Testimonials**

I'm very impressed with the DTS. The focus was previously more traditional and it's now moving to digital. I came looking for advice which I got, and I expect to spend up to £100K as a result.

6

The DTS has renewed my relationships with existing customers and allowed me to make contact with new ones. I've had a good amount of interest from lab owners and even more from practices. My main reason for being here is to promote my business and to reach an audience that I wouldn't normally reach. It's great to be part of a multidisciplinary event and I'll be back next year.

Ed Attenborough, Attenborough Direct

This is a good opportunity to get CPD and meet others in the industry – there's a great balance between the Dentistry Show and DTS and I'll recommend it to my colleagues in the future.

Shania Seewooranrian

Philip Garey

about you and learning what you are about.

Carmen Ausserhofer, Zirkonzahn LTD





in Dental Technology Showcase



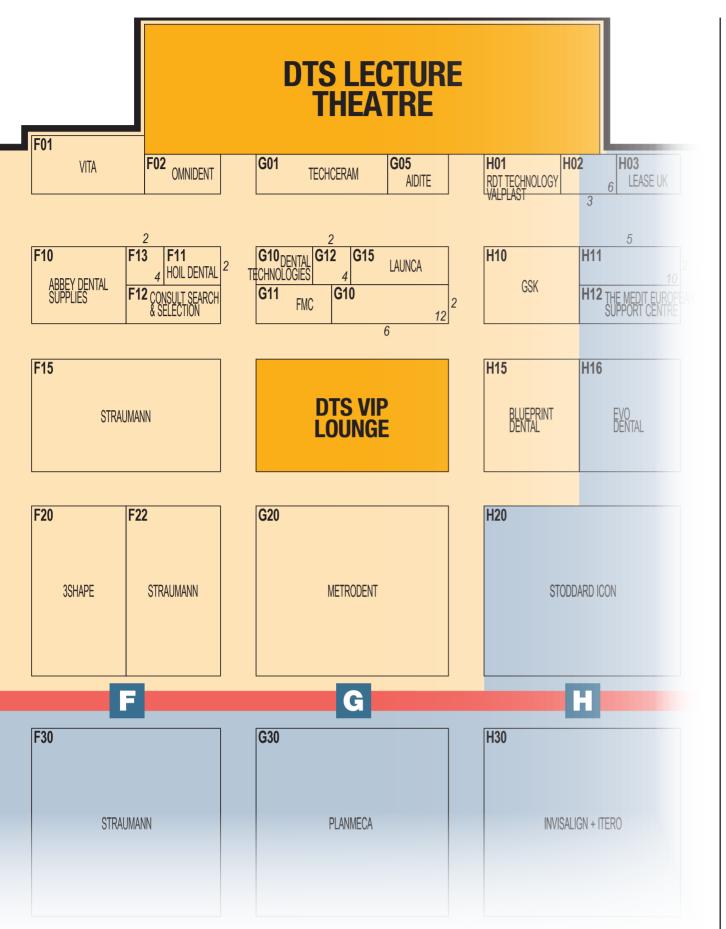
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COMPANY		STAND
3Shape		F20
Abbey Dental Supplies		F10
Aera Max	1	C25
Aidite Technology Co. Ltd		G05
Blueprint Dental		H15
DB Lab Supplies		C28
Dental Design Products Ltd		D24
EnvisionTEC		B01
Eurodontic Ltd		E05
FMC		G11
GC UK Ltd		A30
GlaxoSmithKline		H10
Hoil Dental Manufacture Solutions Ltd	~	F11
HS Walsh & Sons		D12
Ivoclar Vivadent		E20
John Winter + Co		D19
Launca Medical Device Technology Co., Ltd.	~	G15
Metrodent	V	G20
Milnes Bros		C01
Omindent		F02
Orthodontic Technicians Association (UK)		D10
RDT Technology - Valplast		H01
Reitel Feinwerktechnik		D01
Renfert GmbH		D22
Schottlander		B20
Straumann		F15 + F22
Sweden & Martina		C20
Techceram Ltd		G01
Tri-Tech 3D		C12
VITA		F01
WHW		B10
Zirkonzahn		C10

✓ NEW EXHIBITORS FOR 2019



The DTS plays a huge part in our marketing and selling strategies. A lot of the new products we launch are given the greatest level of exposure because we bring them to the show. We are very fortunate that our stand is incredibly busy, and this level of feedback and interaction improves business relationships. It also gives our staff the chance to meet people that they speak to daily on the phone. The DTS means

I have come all the way from Portugal to attend this event. There's a good mix of stands and it's great having the DTS and Dentistry Show under one roof. I would definitely come back, it's very interesting.

Liliana Fonseca

### we bring our whole business together for the day. Matt Fendt, WHW Plastics

The event has hit the quality mark I would have expected and it's far superior to other shows. It's a great way to check out dental lab supplies and there are so many useful stands to visit and people to meet. Andrea Johnson, OTA **C** I've been up to the core subject area and seminars and have found it to be a very interesting and well-run show. I've made purchases and there's lots to offer technicians. You pick up knowledge and new ideas coming to a show like this!







@dentaltechshow

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# ...THAN MEETS THE EYE

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