

today ⁴ 5/6 ₇



Bye, Bye Biofilm

An interview with Bernd Bühner, owner of EMS, about the first few days of the congress, the company's scientific approach and his vision for the future.

»Page 2



Dental products in focus

EuroPerio8 will be an excellent opportunity to see the most up-to-date technologies and achievements in the field of periodontics and implant dentistry.

»Page 13



What's on in London

Apart from its rich cultural and culinary scenes, London offers something for everyone. Here are some tips how to spend your time off in the capital.

»Page 15

With challenges to overcome, EuroPerio grows further

EFP and British Society of Periodontology held biggest congress ever in periodontology and implant dentistry in London

With participation at EuroPerio 8 higher than ever before, the organisers of the meeting have admitted on Thursday that significant challenges remain in the field of periodontology, including the way how to communicate latest research and findings to practitioners and patients.

In order to address the lack of awareness for periodontal diseases among the general population, on Wednesday the European Federation of Periodontology (EFP) launched a documentary called

"Sound of Periodontitis" at the meeting that shows the impact of periodontal disease on patient's through their own voices and perspectives.

Another significant project is the EFP Manifesto, an action paper calling on dental professionals to act on the prevention, early diagnosis and effective treatment of periodontal disease. Professionals interested to sign the manifesto can still do so at the organisations website, EFP president Søren Jepsen said.

"There is a general agreement among the profession that periodontal diseases have a substantial psychosocial impact on patients," Professor Prof Ian Needleman from the Eastman Dental Insti-

tute told reporters at a press conference yesterday.

However, their quality of life can be improved significantly when they receive treatment."

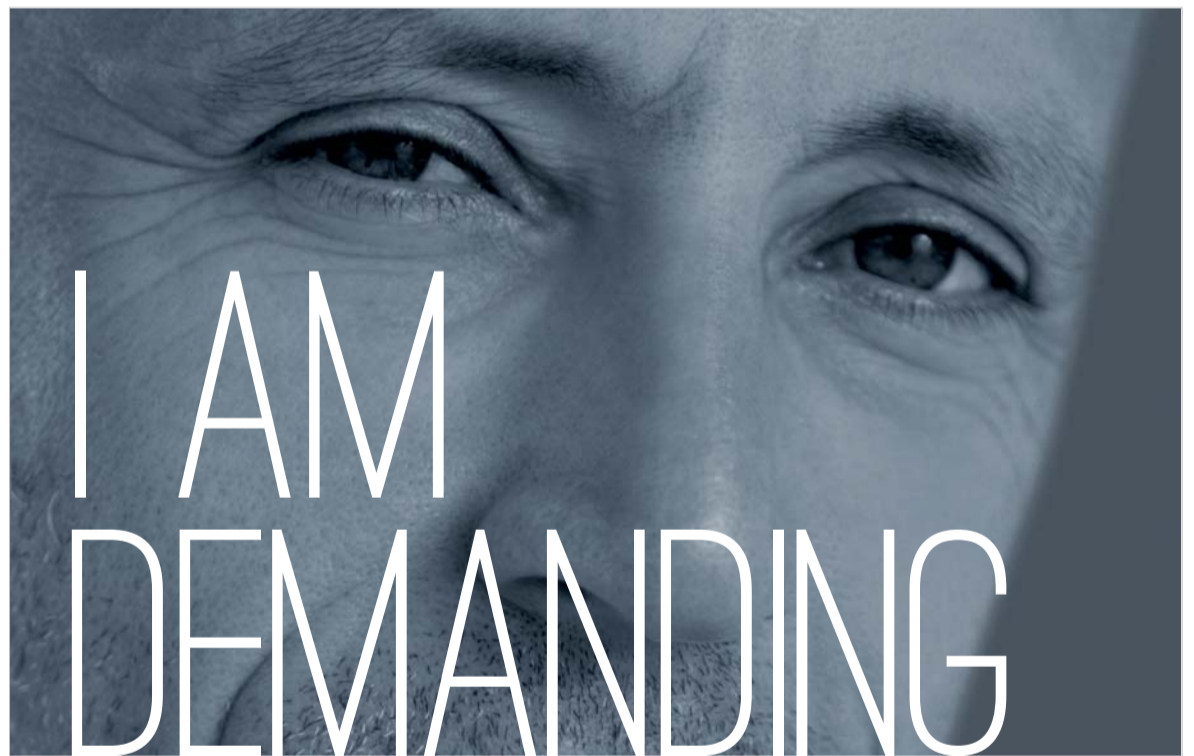
As of Friday morning, it is clear that EuroPerio8 is going to be the biggest conference ever held in the field periodontology and im-

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“We want to bring the message ‘Bye, Bye Biofilm’ to all delegates.”

An interview with Bernd Bühner, owner of Electro Medical Systems (EMS)

■ Swiss-based company, Electro Medical Systems (EMS), is a diamond sponsor for the EuroPerio8. With their AIR-FLOW system, it is dedicated to dental prophylaxis in periodontal practice. *today international* had the opportunity to speak with company-owner, Bernd Bühner, about the first few days of the congress, the company's scientific approach and his vision for the future.

today international: Your slogan is “Bye, bye Biofilm”. Could you explain this shortly?

We chose this slogan because getting rid of biofilm is key in preventive dentistry. Biofilm is the cause of caries and periodontitis. Our “Bye, Bye Biofilm” slogan

stresses the importance of professional prophylaxis.

All our other messages like “Save the tooth”, “Save the implant”, “Bye, Bye Biofilm”, “NO PAIN” or “I FEEL GOOD” describe exactly the business that we are in. Our new concepts enhance patient satisfaction which is important for running a modern and successful dental practice. With the AIR-FLOW and the new PLUS powder, the surface of the tooth can be completely removed of biofilm sub- and supragingivally without abrasion. The natural enamel prisms remain intact. There is no further need for polishing with a rubber cup and abrasive paste.

These new concepts are taught by the SWISS DENTAL ACADEMY, which offers a unique combination of theoretical learning and a hands-on experience that easy to use in daily dental practice.

What can visitors expect at your sponsor session tomorrow?

Karen Davis will talk about the integration of subgingival air polishing into clinical protocols for biofilm management during prophylaxis and periodontal maintenance. This ensures the most effective and efficient removal of biofilm. A review of the literature reveals that biofilm removal with devices using low abrasion is very effective.

today page 4

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today page 1

plant dentistry in Europe. Chair Prof. Francis Hughes from the Kings College London said that by Tuesday the organisation had already received 9,400 pre-registrations with further onsite registrations expected to bring it close to 10,000.

The geographical scope of the meeting has also been extended beyond the 29 members societies of the EFP with professionals having signed up from 110 countries.

Scientific session and workshops will continue until tomorrow, when the organiser has announced to close the event with a congress evening to be held at the Royal Court of Justice in the City of London.

The next meeting is scheduled to take place in Amsterdam in the

Netherlands in 2018 and will focus on the next generation of clinicians involved in periodontology. ◀

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V3 By **MIS**

today page 2

EMS is the only company to manufacture the powders by itself, so the production is based on a lot of experience. Thirty years ago we started with sodium bicarbonates and then we continued with glycine powders. Now we have developed the Erythritol-based powder.

Wednesday's opening ceremony impressively showed how much the congress has grown over

time. How do you rate its impact in the dental world?

This congress has a high energy and a great vibe. I remember it well when we were making reservations for the speaker's dinner at the Chateau Marmont in Geneva in 2000. Now EuroPerio is probably the most important congress in periodontics worldwide. It is great to see that it has developed this way.

What is your mission here at the EuroPerio8 conference?

We want to bring the message "Bye, Bye Biofilm" to all delegates. The biggest threats to natural teeth are caries and periodontitis, which both are caused by biofilm. Our mission is to give the dental professional the perfect tools to get rid of the biofilm pain-free. Bye, bye Biofilm, Good-Bye!

As a company committed to preventive care, what's your vision for the future?

Periodontal disease continues

to remain a big problem and we know from research that there are problems associated with it including heart disease and diabetes. Our company has a scientific approach, therefore we sponsor many clinical studies.

My hero is Dr Klaus-Dieter Bastendorf, a dentist from a small town in Germany, who practiced preventive dentistry for 40 years. He treated a group of 137 children age six, twice a year, for 35 years and

only lost four teeth. This is what I call preventive dentistry.

I wish there were more Dr Bastendorfs to represent our company slogan: "I FEEL GOOD".

My wish for the future would be that there are more clinicians like Dr Bastendorf in the world. ◀

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Advanced implant dentistry using digital technology



Prof. Christoph Hämmerle

■ A structured approach to treatment planning for advanced clinical cases utilising modern digital technologies is the topic of an upcoming webinar that will be presented by the Dental Tribune Study Club on 18 June. The online course is free of charge and can be viewed from any computer. Participants will have the opportunity to earn a continuing education credit.

In the webinar, speaker Prof. Christoph Hämmerle, University of Zurich, will guide the audience through the established planning process for a complex clinical case utilising the well-developed structure and the innovative case planning tool of Dental Campus, an e-learning platform.

Participants will be able to follow the details of the process and expand their own treatment planning capabilities. Furthermore, an introduction to the Dental Campus case planning tool will allow the audience to learn about and practise treatment planning in the future on the Dental Campus platform independent of tutor guidance. During the webinar, participants will be able to pose questions to the speaker via a chat window.

The one-hour webinar will enable the audience to apply a systematic approach to the treatment planning for complex patient cases. It will be broadcast live on Thursday, 18 June, from 5.30 p.m. CET. Participants will be able to earn a continuing education credit by completing a multiple-choice questionnaire on the topic discussed. ◀

Registration for the webinar is now open on the DT Study Club website, www.dtstudyclub.com.

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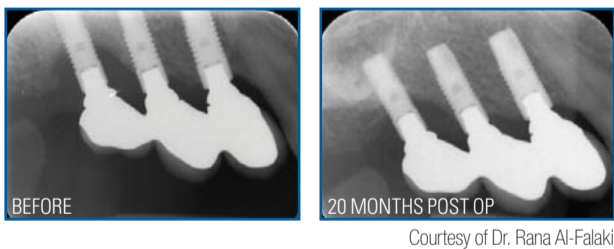


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Programme of EuroPerio8, Friday & Saturday

Friday, 5 June

08:30–10:00

Current state of the art in periodontal regeneration, ICC Auditorium

Current approaches in Periodontal Regeneration
Speaker: E. Machtei

Advances in the management of infrabony lesions
Speaker: P. Cortellini

Advances in the management of furcation lesions
Speaker: P. Eickholz

Treatment of the anterior maxilla in challenging situations, Hall 1 (N20/N19)

Key factors in the treatment of the anterior maxilla
Speaker: U. Grunder

Treatment planning and sequence of therapy
Speaker: F. Bonnet

Utilising 3-D Solutions to optimise outcomes
Speaker: A. Dawood

Effective management of halitosis, Hall 2 (S22/S23)

Current knowledge on the aetiology of halitosis
Speaker: K. Yaegaki

Current approaches to the assessment and diagnosis of halitosis
Speaker: M. Quirynen

Current approaches to the treatment of halitosis
Speaker: S. Roldan

Biomarkers and tissue reconstruction, Capital Suite 7–12

Use of biomarkers for periodontal diagnosis
Speaker: N. Buduneli

MMPs as biomarkers of tissue damage
Speaker: T. Sorsa

Patient stratification for personalised periodontal medicine
Speaker: W. Giannobile

10:30–12:00

Innovative and emerging technologies for periodontal regeneration, ICC Auditorium

New approaches in periodontal regeneration
Speaker: A. Sculean

Alternatives for autogenous grafts: outcomes, attachment and stability
Speaker: M. McGuire

Prospects for the use of stem cells for periodontal regeneration
Speaker: M. Bartold



Treatment of the posterior maxilla in challenging situations, Hall 1 (N20/N19)

Key factors in the treatment of the posterior maxilla
Speaker: Z. Artzi

Innovative approaches to sinus lifting
Speaker: L. Trombelli

Effective use of short implants
Speaker: D. Nisand

Critical factors in the assessment of periodontal and peri-implant disease, Hall 2 (S22/S23)

Similar or different conditions
Speaker: G. Serino

Clinical diagnostic methods in periodontal and peri-implant diseases
Speaker: D. Barendregt

Prognostic factors for the long term success for the periodontal/peri-implant patient
Speaker: O. Fardal

Aetiology of periodontal diseases, Capital Suite 7–12

Understanding the aetiology of periodontitis: An introduction
Speaker: U. Van Der Velden

Is there good evidence that plaque causes periodontitis?
Speaker: I. Needleman

Is it time to move away from the "plaque paradigm" in the aetiology of periodontitis?
Speaker: P. Hujuel

14:30–16:00

Aesthetic outcomes in implant surgery: Choosing the right device, ICC Auditorium

Key factors in the selection of the implant, abutment or restorative material
Speaker: M. Hürzeler

Importance of the implant-abutment interface
Speaker: F. Schwarz

Importance of choosing the right biomaterial for implant restorations
Speaker: I. Sailer

Management of patients with severe chronic periodontitis, Hall 1 (N20/N19)

Key factors in the treatment planning
Speaker: T. O'Brien

Combined periodontal and orthodontic therapy
Speaker: J.L. Giovannoli

Combined periodontal and implant therapy
Speaker: M. Rocuzzo

Effective non-surgical therapies to treat peri-implantitis, Hall 2 (S22/S23)

State of the art in the non-surgical treatment of peri-implantitis
Speaker: A.M. Aass

Current approaches to instrumentation and decontamination of implant surfaces
Speaker: B.E. Kuru

Adjunctive use of local antimicrobials
Speaker: N. Arweiler

Periodontitis and cardiovascular disease, Capital Suite 7–12

Is there a significant association between periodontitis and CVD
Speaker: G. Linden

Biological mechanisms linking periodontitis and cardiovascular disease
Speaker: M. Tonetti

Effects of periodontal interventions on cardiovascular risk
Speaker: P. Madianos

16:30–18:00

Aesthetic outcome in implant surgery: Tissue augmentation, ICC Auditorium

Key factors for achieving successful outcomes with soft tissue grafting around implants
Speaker: G. Zucchelli

Effective combination of bone and soft tissue regeneration. A minimally invasive approach
Speaker: A. Sicilia

Effective use of soft tissue substitutes
Speaker: R. Jung

When should we use systemic antimicrobials?, Hall 1 (N20/N19)

Rationale for the use of systemic antimicrobials
Speaker: A.J. Van Winkelhoff

Decisions based on clinical diagnoses
Speaker: A. Mombelli

Decisions based on microbiological profiles
Speaker: D. Herrera

Differential diagnosis of diseases of the periodontal tissues, Hall 2 (S22/S23)

Desquamative gingivitis and non-plaque related periodontal conditions
Speaker: G. Alcoforado

Differential diagnosis of non-plaque related gingival conditions
Speaker: M. Lewis

Malignant and pre-malignant diseases of the periodontal tissues
Speaker: W. Wagner, M. Morgel

Periodontitis and diabetes, Capital Suite 7–12

Is there a significant association between periodontitis and diabetes
Speaker: F. D'Aiuto

Biological mechanisms linking periodontitis with diabetes mellitus
Speaker: P. Preshaw

Effects of periodontal interventions on glycaemic control of diabetes
Speaker: T. Kocher

Saturday, 6 June

09:00–10:30

Critical factors in bone regeneration therapies in the anterior maxilla, ICC Auditorium

State of the art in bone regeneration
Speaker: C. Dahlin

Use of grafts
Speaker: I. Urban

Use of biological and growth factors
Speaker: Z. Schwartz

Prospects for novel biological treatments of periodontitis, Hall 1 (N20/N19)

Future avenues for the treatment of periodontitis
Speaker: K. Kornman

Prospects for use of resolvins and pro-resolution biologicals
Speaker: A. Kantarci

Do Anti-Cytokine therapies have a role in the treatment of periodontitis?
Speaker: S. Culshaw

Patient perspectives of periodontal diseases, Hall 2 (S22/S23)

How to assess patient related outcomes
Speaker: F. Graziani

Screening for medical conditions in dental settings: The diabetes paradigm
Speaker: E. Lalla

Impacts of periodontal disease on quality of life
Speaker: P. Bouchard

Aetio-pathogenesis of peri-implantitis, Capital Suite 7–12

Key factors in the aetiology of peri-implantitis
Speaker: B. Loos

Pathogenesis of the peri-implantitis lesion
Speaker: T. Berglundh

Understanding the key risk factors
Speaker: G. Salvi

11:00–12:00

The bone of the alveolar process and the edentulous ridge, ICC Auditorium

Speakers: J. Lindhe

Bioengineering of teeth – A completely novel type of dental implant?, Hall 1 (N20/N19)

Speaker: P. Sharpe

Insights of periodontal therapy, Capital Suite 7–12

Speaker: N. Lang

12:45–14:00

25 years of European periodontology

Moderators: M. Sanz & M. Tonetti

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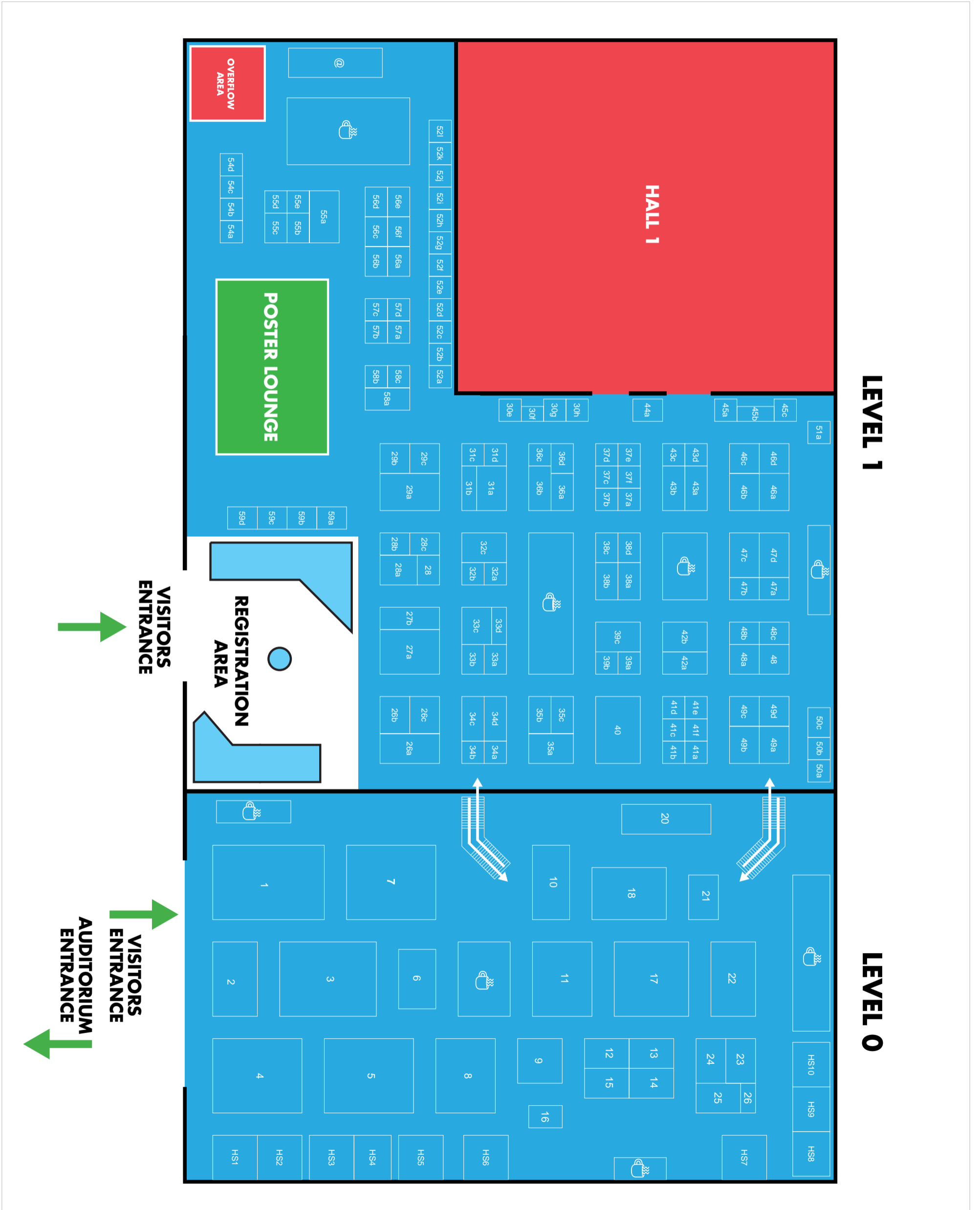
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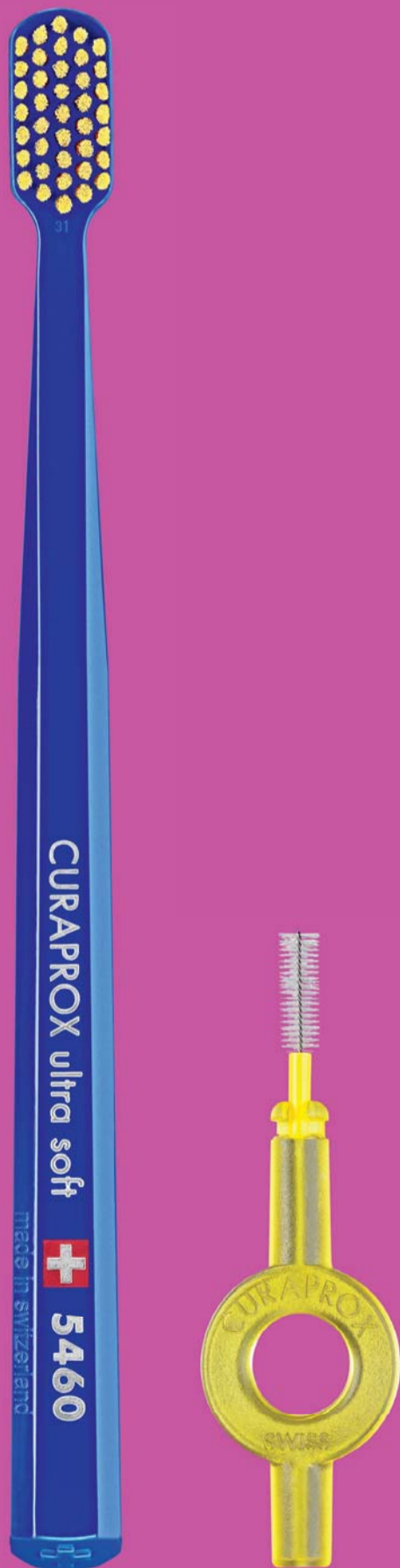
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Floor plan



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