

المؤتمر السعودي العالمي لطب الأسنان  
The Saudi International Dental Conference

18 - 20 January 2024

Riyadh International Convention and Exhibition Center

# OFFICIAL E-CATALOG

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# 2024 SIDC WELCOME MESSAGE



**DR. ZIYAD ALLAHM**  
PRESIDENT, SIDC 2024

We planned a series of academic and clinically oriented comprehensive and focused scientific sessions and workshops, we have 114 expert speakers, 140 lectures and 38 hands-on workshops so that general dental practitioners, specialists, and dental students can gain knowledge about dentistry through well-known speakers from all over the world.

The organization of SIDC 2024 was a great experience in planning, execution and resulted as a well-coordinated event. My sincere gratitude is owed to the great support from the scientific committee and the able Boards members and of the Saudi Dental society who approached professional speakers and forums around the world. The primary focus of our team was to update the dental fraternity of Saudi Arabia with current and advanced technologies and management techniques in par excellence.

Dates and topics were confirmed; speakers were finalized and thus started our journey! SIDC is changing Saudi Arabia's outlook of global dentistry by their technology and creativity. Congratulations to each member of the Scientific committee for their excellent contributions and performance. We are really happy with the fantastic results! The SIDC event turned out to be an enormous success because of you all!

A successful event results from creativity, hard work, and effort from all the Deans and administrative heads of the premier institutions in Saudi Arabia. A lot of preparation, time, and planning goes into ensuring a smooth drive of such a huge international event. So, we owe the memorable time spent in SIDC to all the kind hearts who supported us in every single endeavor of SIDC.

Thank you once again, and hope you enjoy SIDC 2024

Sincerely,  
Ziyad Allahem

# GENERAL INFORMATION

**Event Date:**

18-20 January 2024



**Venue:** Riyadh International Convention & Exhibition Center, KSA



**Exhibition Inauguration:** SIDC will be officially inaugurated on Friday, 19th of January 2024 at 10:00 am.

**Conference Opening Hours:**

- Thursday, 18 January 2024- 09:00 to 18:15
- Friday, 19 January 2024 - 09:00 to 18:15
- Saturday, 20 January 2024 – 09:00 to 18:45

**Exhibition Opening Hours:**

- Thursday, 18 January 2024- 10:00 – 18:00
- Friday, 19 January 2024 - 10:00 – 18:00
- Saturday, 20 January 2024 – 10:00 – 18:00

**Commute:**

- Uber offers a reliable service you can trust. We highly recommend Uber to moving around in Riyadh.
- The venue is 21 minutes from King Khaled International Airport (via Airport Road /Road 539)

**Exchange Rate & ATM:**

1 U\$ Dollar = 3.75 Saudi Riyal

# ORGANIZING COMMITTEE



**DR. ZIYAD ALLAHM**  
PRESIDENT, SIDC 2024



**DR. ZUHAIR SALEH NATTO**  
CHAIRMAN, SCIENTIFIC COMMITTEE



**DR. SARAH SULTAN AL-ANGARI**  
CHAIR, RESEARCH AWARDS COMMITTEE



**DR. SAMIRA MUSTAFA OSAILAN**  
CHAIR, SOCIAL COMMITTEE



**DR. MAYYADAH HAMZA AL-MOZAINY**  
CHAIR, MEDIA COMMITTEE



**PROF. KHALIL IBRAHIM AL EISA**  
CHAIRMAN,  
ACCOMMODATION AND  
TRANSPORTATION COMMITTEE



**DR. MESHARI FARAJ AL-OTAIBI**  
CHAIRMAN,  
OPENING & CLOSING CEREMONY  
COMMITTEE



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# ACKNOWLEDGEMENT OF SPONSORS

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## Accreditation



SAUDI INTERNATIONAL DENTAL CONFERENCE 2024 TOTAL CREDIT POINTS: 24

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INDEX CONFERENCE & EXHIBITIONS ORGANISATION LLC DESIGNATES THIS ACTIVITY FOR 21.75 CONTINUING EDUCATION CREDITS.

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## CONTINUING PROFESSIONAL DEVELOPMENT / EDUCATION “EARNING CREDITS”

Dear Participant,

Saudi International Dental Conference Continues to develop the knowledge platform for dental professionals in the Middle East. SIDC 2024 provides high quality Continuing Medical Education programs through hosting high caliber lecturers and providing credit hours from prestigious scientific organizations.

Saudi Commission for Health Specialties Available Credit Hours:

Approved no. ACA-20230003925

SIDC Main Program	24 CR
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The credit hours can be collected by participants as per the guidelines below. Please note that it is imperative that you follow the guidelines below to ensure that you receive your credit hours in full.

CME collection guidelines:

- To avail this online CME certificate from SIDC website, you will be requested to enter your registration number (found in the confirmation email and on your badge).
- This online service will be active from the 30th January 2024 and step by step instructions can be found at <http://www.sidc.org.sa>

For further details and clarification, please contact [info@sidc.org.sa](mailto:info@sidc.org.sa)

# CONFERENCE PROGRAM

18<sup>TH</sup> – 20<sup>TH</sup> JANUARY 2024

## RICEC MAIN AUDITORIUM

Riyadh International Convention and Exhibition Center

## CONFERENCE DAY ONE - THURSDAY 18 JANUARY 2024

### SESSION 1

### ESTHETIC DENTISTRY 1

09:00 -10:00



#### **FREE HAND ARTISTRY BACKED WITH 3D DIGITAL TECHNOLOGY**

Dr. Ahmed El-Sayed

10:00 -11:00



#### **Think Cosmetics: How to Make Your Unique Journey**

Dr. Jamil Aref

11:30 - 12:00



#### **Opening Ceremony**

12:00 - 13:00



#### **Prayer/Break**

### SESSION 2

### ESTHETIC DENTISTRY 2

13:00-14:00



#### **Implants in the esthetic zone: foreseeing challenges, and enhancing predictability**

Dr. Ibrahim Alkanfari

14:00 -15:00



#### **Deciding on the most efficient composite restorative technique and material in your clinical practice**

Dr. Kopikrishna Thirunelakandan

15:00 - 15:15



#### **Prayer/Break**

### SESSION 3

### DIGITAL DENTISTRY

15:15 - 16:00



#### **The management of the post-extractive socket: an updated digital approach**

Dr. Paolo Casentini

16:00-16:45



#### **Why go Digital? How to implement your daily clinical efficiency**

Dr. Andrea Agnini & Dr. Alessandro Agnini

16:45 - 17:30



#### **From Diagnosis to Treatment: Bridging the Divide with AI in Orthodontics and General Dentistry**

Dr. Mohamed Bamashmous

17:30 - 18:15



#### **Sculpturing the Future of Implant Dentistry**

Dr. Ammar Mahfouz

## CONFERENCE DAY TWO - FRIDAY 19 JANUARY 2024

### SESSION 4 IMPLANT DENTISTRY/PERIODONTICS IN COLLABORATION WITH SAUDI SOCIETY OF PERIODONTOLOGY

09:00 - 09:50



**The treatment of terminal dentition: what's new?**

Dr. Sergio Piano

09:50 - 10:40



**How to avoid mucositis and peri-implantitis. Understanding the supracrestal peri-implant complex in the prosthetic-perio-implant unit (Umbrella Concept)**

Prof. Alberto Miselli

10:40 - 11:30



**Advancement in Horizontal Bone Augmentation**

Prof. Hom-Lay Wang

11:30 - 13:00



**Friday Prayer/Break**

### SESSION 5 RESTORATIVE DENTISTRY / ESTHETIC IN COLLABORATION WITH SAUDI SOCIETY OF RESTORATIVE DENTISTRY

13:00 - 14:00



**New Materials and Techniques in Composites and Adhesive Dentistry 2024**

Prof. Hans Malmstrom

14:00 - 15:00



**Bio-Smart Restorative Dentistry: Stepping into the Future**

Prof. Turki Bakhsh

15:00 - 15:15



**Prayer/Break**

### SESSION 6 ENGINEERING SMILE IN A DENTAL PRACTICE: THE INTERDISCIPLINARY APPROACH

15:15 - 15:51



**Building the Legacy Team: Unlocking the Opportunity for Optimal Patient Outcomes**

Dr. Saad Al Kharsa

15:51 - 16:27



**The Esthetic Evaluation System: Engineering Healthy Esthetic Smiles**

Dr. Saba Ghazal & Dr. Neda Almojel

16:27 - 17:03



**The Esthetic Evaluation System: Smile Oriented Orthodontic Treatment**

Dr. Mutaz Qutob

17:03 - 17:39



**The Esthetic Evaluation System: The Harmony of The Smile in The Facial Context**

Dr. Abdulmalik Alyahya

17:39 - 18:15



**Putting Theory into Practice: Cases and Scenario Panel Discussion**

Dr. Saad Al Kharsa, Dr. Saba Ghazal, Dr. Neda Almojel, Dr. Mutaz Qutob, Dr. Abdulmalik Alyahya

## CONFERENCE DAY THREE - SATURDAY 20 JANUARY 2024

### SESSION 7

### PROSTHODONTICS IN COLLABORATION WITH SAUDI PROSTHODONTICS SOCIETY

09:00 - 09:45



**Link between Restorative designs and Peri-implant diseases**

Prof. Hom-Lay Wang

09:45 - 10:30



**Prosthetic Workflow in the Digital Era**

Dr. Abdelrahman Khalaf

10:30 - 11:15



**The role of Technology in Full Arch Implant Rehabilitation**

Dr. Alessandro Agnini & Dr. Andrea Agnini

11:15 - 12:00



### **ESTHETICS WITH NO LIMITS**

Dr. Hisham Mously

12:00 - 13:00



### **Prayer/Break**

## **SESSION 8**

## **ADVANCE IMPLANT AND PERIODONTICS PART 1**

13:00 - 13:40



### **How to do it: zygomatic implants -Tips and Tricks with practical cases step by step**

Dr. Matteo Giorgi

13:40 - 14:20



### **Novel protocols and materials to control the bacteria and reconstruct the bone and soft tissue topography around implants.**

Dr. Minas Leventis

14:20 - 15:00



### **How to do it: pterygoid implants -Tips and Tricks with practical cases step by step**

Dr. Matteo Giorgi

15:00 - 15:15



### **Prayer/Break**

## **SESSION 9**

## **ADVANCE IMPLANT AND PERIODONTICS PART 2**

15:15 - 16:00



### **Nobel A simplified approach for guided bone regeneration**

Dr. Giorgio Tabanella

16:00 - 16:45



### **Novel oxygen therapy for controlling periodontal biofilm and wound healing**

Prof. Hamdan Alghamdi

16:45 - 17:30



### **Maintenance of Oral Health Based on the Risk Approach**

Prof. Isabel Lizán

17:30 - 18:15



### **Use of active oxygen and lactoferrin in daily practice. A therapeutic alternative in the management of soft tissue**

Dr. Ana Luisa Bernotti



# CONFERENCE PROGRAM

18<sup>TH</sup> – 20<sup>TH</sup> JANUARY 2024

## RADISSON BLU HOTEL HALL A

Riyadh International Convention and Exhibition Center

## CONFERENCE DAY ONE - THURSDAY 18 JANUARY 2024

### SESSION 10

### ORAL MEDICINE / ORAL RADIOLOGY

09:00 - 09:30



**Artificial Intelligence and Diagnosis in Patients with Oral Cancer and Oral Potentially Malignant Disorders (OPMDs)**

Dr. Alexander Kerr

09:30 - 10:00



**Predicting Cancer in Subjects with Oral Potentially Malignant Disorders (OPMDs)**

Prof. Giovanni Lodi

10:00 - 11:00



**What if your Patient is Battling Cancer? Dentist role before, during and after cancer therapy**

Dr. Siri Beier Jensen & Prof. Rícheal Ní Ríordáin

11:00 - 11:30



**Acute Illness in Dental Practice: Identifying Risk and Managing Deterioration**

Dr. Tim Hodgson

11:30 - 12:00



**Temporomandibular Joint Disorders at a Glance**

Dr. Arwa Farag

11:30 - 12:00



**Opening Ceremony**

12:00 - 13:00



**Prayer/Break**

### SESSION 11

### ENDODONTICS IN COLLABORATION WITH SAUDI ENDODONTIC SOCIETY

13:00 - 14:00



**Vital Pulp Therapy: Outcomes and Clinical Techniques**

Prof. Khaled Balto

14:00 - 15:00



**New technological trends on NiTi root canal preparation and its clinical application.**

Dr. Gilberto Debelian

15:00 - 15:15



**Prayer/Break**

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**SESSION 12****ENDODONTICS in collaboration with Saudi Endodontic Society 2**

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15:15 - 16:15

**Management of Failed endodontic therapy**  
Dr. Samhan Alajmi

16:15 - 17:15

**Innovation for a Successful Modern Surgical Microendodontics**  
Prof. Damiano Pasqualini

17:15 - 18:15

**Management of Traumatic Injuries in the Permanent Dentition**  
Prof. Cesar De Gregorio

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**CONFERENCE DAY TWO - FRIDAY 19 JANUARY 2024**

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**SESSION 13****PEDIATRIC DENTISTRY IN COLLABORATION WITH SAUDI SOCIETY OF PEDIATRIC DENTISTRY**

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09:00 - 09:50

**Child-Friendly Dentistry: A Paradigm Shift**  
Dr. Antonio Pedro Silva

09:50 - 10:40

**Pediatric Dentistry in the New Digital Era**  
Dr. Muhanad Alhareky

10:40 - 11:30

**Pediatric Oral Pathology: From Soft Tissue Lesions to Canker Sores!!!**  
Prof. Juan Yepes

11:30 - 13:00

**Friday Prayer/Break**

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**SESSION 14****HAKATHON**

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13:00 - 15:00

**What the private clinics need from our dentists?**

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15:00 - 15:15

**Prayer/Break**

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## SESSION 15

## ORTHODONTICS IN COLLABORATION WITH SAUDI ORTHODONTIC SOCIETY

15:15 - 16:00



### **The Patient's Story about Clear Aligner Treatment**

Prof. Carlos Flores-Mir

16:00 - 16:45



### **AI-Driven Orthodontics: Latest Updates**

Dr. Saeed Asiri

16:45 - 17:30



### **Predictability Based Clear Aligner Practice**

Prof. Ali Habib

17:30 - 18:15



### **Interceptive orthodontics using clear aligners and Photobiomodulation**

Prof. Tarek El Bialy

## CONFERENCE DAY THREE - SATURDAY 20 JANUARY 2024

## SESSION 16

## SAUDI OUTSTANDING SPEAKERS (SOS)

09:00 - 09:20



### **Obstructive Sleep Apnea and Sleep Bruxism: A Dentists Enigma**

Dr. May Wathiq Al -Khudhairy

09:20 - 09:40



### **Management of periimplantitis: Where are we today**

Dr. Rawan Talat Sagga

09:40 - 10:00



### **Development of an Artificial Intelligence Model for Prediction of the Lowest MDCT Diagnostic Dose for Visualization of the Roof of the Inferior Alveolar Canal**

Dr. Asma'a Al-Ekrish

10:00 - 10:20



### **Diagnosing Caries in the 21st Century: Innovations and Technologies with Great Potential.**












Dr. Hanin Yeslam

10:20 - 10:40



### **The Association Between Endodontic Disease, Its Treatment and Systemic Health**

Dr. Abdulaziz Bakhsh

10:40 - 11:00		<b>Injection Modalities in the Treatment of Temporomandibular Disorders (TMDs)</b> Dr. Umair Ahmed
11:00 - 11:20		<b>Contemporary Trends in Vital Pulp Therapy: New Materials and Treatment Perspectives</b> Dr. Kawthar Bukhari
11:20 - 11:40		<b>Endosseous Craniofacial Implants, a Simple Solution to a Complex Problem: Case Report and Review of Literature</b> Dr. Yaser AlNatheer
11:40 - 12:00		<b>The Role of Genetics in Dental Anomalies and its Relation to Orthodontics</b> Dr. Nora Alhazmi
12:00 - 13:00		<b>Prayer/Break</b>
<b>SESSION 17</b>		
		<b>SAUDI OUTSTANDING SPEAKERS (SOS)</b>
13:00 - 13:20		<b>Should piezocision procedure be prohibited both in research and practice?</b> Dr. Hadeel Alaathal
13:20 - 13:40		<b>A Symphony of Precision and Progress: Revolutionizing Dentistry through the Intervention Mapping</b> Dr. Ibtisam Moafa
13:40 - 14:00		<b>ChatGPT and Beyond: The Emerging Role of Generative AI in Dentistry and Healthcare</b> Dr. Osama Alshammari
14:00 - 14:20		<b>Artificial Intelligence for Caries Detection</b> Dr. Fatema Alqudaihi
14:20 - 14:40		<b>Nanotechnology applications in Endodontics</b> Dr. Rami Alhomrany
14:40 - 15:00		<b>Resin Composite Versus Amalgam Restorations Placed in North American Dental Schools</b> Dr. Lulwah Al Reshaid

15:00 - 15:15



**Prayer/Break**

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**SESSION 18**

**LASER IN DENTISTRY**

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15:15 - 16:00



**Laser facilitated orthodontics: boosting SMILES**

Dr. Youssef Sedky

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16:00 - 16:45



**Use of Dental laser for the Management of Periodontitis and Peri-implantitis**

Prof. Hom-Lay Wang

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16:45 - 17:30



**Less invasive technique for the management of A-V malformation using medium coagulative laser wavelengths.**

Dr. Saleh Alghabban

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# CONFERENCE PROGRAM

18<sup>TH</sup> – 20<sup>TH</sup> JANUARY 2024

## RADISSON BLU HOTEL HALL B

Riyadh International Convention and Exhibition Center

## CONFERENCE DAY TWO - FRIDAY 19 JANUARY 2024

### SESSION 19

### ORAL & MAXILLOFACIAL SURGERY SYMPOSIUM 1

13:00 - 13:40



#### **Update on Management of Obstructive Sleep Apnea and the Role of the Dental Profession**

Dr. Basem Jamal

13:40 - 14:20



#### **Presurgical Orthodontic Preparation in Orthognathic Surgery Cases**

Dr. Serkan Sağır

14:20 - 15:00



#### **Facial Asymmetries: Pitch Yaw Roll Correction**

Prof. Altan Varol

15:00 - 15:15



#### **Prayer/Break**

### SESSION 20

### ORAL & MAXILLOFACIAL SURGERY SYMPOSIUM 2

15:15 - 15:50



#### **Orthognathic Surgery Beyond Correcting Malocclusion: Manipulating Arch Space and Grafting to Optimize Restorative Solutions**

Dr. Victoria Palermo

15:50 - 16:25



#### **Comprehensive Overview of Reconstructive Surgery of the Head and Neck**

Dr. Roderick Kim

16:25 - 17:00



#### **Challenges and Nuances in Maxillofacial Reconstruction**

Dr. Arshad Kaleem

17:00 - 17:35



#### **Hypoglossal Nerve Stimulation for Management of Obstructive Sleep Apnea**

Dr. Ketan Patel

17:35 - 18:10



#### **Macro to Micro Facial Reconstruction**

Dr. Shadi Alzahrani



## CONFERENCE DAY THREE - SATURDAY 20 JANUARY 2024

SESSION 21	RESEARCH AWARD NOMINATED PRESENTATIONS
09:00 - 09:10	<b>Formulation and Characterization of Bioactive Nano-core-shell System for Improving Dental Adhesives</b> Dr. Lamia Mokeem
09:15 -09:25	<b>Mutagenicity and DNA damage assessment of locally produced nano-hydroxyapatite-silica-glass ionomer cement on human periodontal ligament fibroblasts using Ames and Comet assays</b> Dr. Fayez Niazi
09:30 -09:40	<b>Effect of Polydatin on the Viability and Odontogenic Differentiation of Human Dental Pulp Stem Cells</b> Dr. Rawan Bin Ateeq
09:45 -09:55	<b>Repair Bond Strength of Two Shadeless Resin Composites Bonded to Various CAD-CAM Substrates with Different Surface Treatments</b> Dr. AlFulwah AlOtaibi
10:00 - 10:10	<b>Flexural Strength of Advanced Lithium Disilicate Ceramic Material: An Experimental in Vitro Study</b> Dr. Abdulaziz Alghafees
10:15 -10:25	<b>Effect of in-office Bleaching Treatment on the Simulated Stained Remineralized Tooth Structure</b> Dr. Arwa AlKhalifah
10:30 -10:40	<b>ASSESSMENT OF ENAMEL SURFACE PROPERTIES AND DEMINERALIZATION FOLLOWING THE USE OF DIFFERENT ORTHODONTIC BRACKET MATERIALS, ETCHANTS, AND ADHESIVE SYSTEMS: AN IN VITRO STUDY</b> Dr. Rahaf Zawawi
10:45- 10:55	<b>DENTIN CONDITIONING INFLUENCES BONDING OF SELF- ADHESIVE RESTORATIVE MATERIAL</b> Dr. Faisal Arishi

11:00 - 11:10		<b>Evaluation of the Shear Bond Strength of a Tricalcium Silicate–Based Material to Four Self-Adhering Glass Ionomer Materials: An In Vitro Study</b> Dr. nour alkuait
11:15- 11:25		<b>Influence of Different Posterior Connector Dimensions on the Fracture Strength of 3D-Printed Resin Provisional Material In-Vitro Study.</b> Dr. MANAL ALQAHTANI
11:30 - 11:40		<b>Enhanced Antimicrobial Properties of Polymeric Denture Materials Modified with Zein-Coated Magnesium Oxide Nanoparticles</b> Dr. Jumana Mazhar
11:45- 11:55		<b>Efficacy of XP-endo Shaper to Remove TotalFill HiFlow Bioceramic Sealer from Dentinal Walls: An in vitro micro-CT study</b> Dr. Haifa Almthen
12:00 - 13:00		<b>Prayer/Break</b>
<b>SESSION 22</b>	<b>INTERNATIONAL ASSOCIATION FOR DENTAL RESEARCH (SAUDI ARABIAN DIVISION) IADR</b>	
13:00 - 13:30		<b>The Power and Limitations of Statistics in Dental Research</b> Dr. Maria Saadeh
13:30 - 14:00		<b>General Guidelines and Practical Points during the Submission Process for Research Articles</b> Dr. Ali Alenezi
14:00 - 14:30		<b>Health policy research in dentistry</b> Dr. Rawa Alharbey
14:30 - 15:00		<b>Oral and Craniofacial Tissues Regeneration – Bioengineering-driven Approaches</b> Dr. Arwa Daghrery
15:05 - 15:15		<b>Prayer/Break</b>

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**SESSION 23****LASER IN DENTISTRY DENTAL HYGIENISTS/DENTAL ASSISTANT**

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15:15 - 16:15

**Advancing Patient Health: A Multidimensional Approach in Dental Hygiene Care**

Ms. Hanan Tahir

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16:15 - 17:15

**Dental Hygiene's Relation to Dental Public Health**

Dr. Diaa Almutairi

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17:15 - 18:15

**Challenges in Dental Assisting Profession**

Ms. Elaf Alshamrani

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# CONFERENCE ABSTRACTS

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## DAY 1

18 January 2024, Thursday

# RICEC MAIN AUDITORIUM

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**Dr. Ahmed El-Sayed**

BDS, DMS, DDS, DHM, MSc, PhD, FDSRCS

## **Free Hand Artistry Backed With 3D Digital Technology**

🕒 **09:00 - 10:00**

Many Dentists do direct anterior restorations might miss some important planning considerations or some smile design parameters that might affect the final results. Some practitioners judge the case as an easy one and start without planning at all. That attitude of having fast approach or short cut or following non systematic approach in analysis and planning will come on a price and might result in negative consequences that might affect people appearance, health, function, confidence and happiness.

In general, Anterior teeth restorations should involve esthetic analysis of size, shape, shade, symmetry, synergy, alignment, proportions of teeth and gingiva, in addition to structural integrity, health, bio function and psychological status of the patients themselves.



**Dr. Jamil Aref**  
BDS, AEGD

## **Think Cosmetics: How to Make Your Unique Journey**

🕒 **10:00 - 11:00**

In the world of dentistry, there's no one-size-fits-all approach. Join us in this enlightening presentation as we explore how you can make cosmetic dentistry your very own unique journey. Discover the artistry, the science, and the personal passion that can shape your path. Let's dive into the diverse avenues available within the field, empowering you to craft a career that reflects your individuality. From transforming smiles to building your own success story, this presentation will inspire you to embrace the beauty of personalized dentistry and create a journey that's distinctly yours.



**Dr. Ibrahim Alkanfari**  
BDS, DScD, ABP

## **Implants in the esthetic zone: foreseeing challenges, and enhancing predictability**

🕒 **13:00 - 14:00**

Dental implants in the esthetic zone presents a unique set of challenges for clinicians, including the need to achieve both functional and esthetic results that meet the patient's expectations. To overcome these challenges, it is important to anticipate potential issues and enhance predictability through careful planning and treatment execution. This presentation will explore different techniques and strategies for improving predictability and achieving successful outcomes.



**Dr. Kopikrishna Thirunelakandan**  
DMD, PG Cert.

## **Deciding on the Most Efficient Composite Restorative Technique and Material in your Clinical Practice**

🕒 **14:00 - 15:00**

Composites have increasingly become the material of choice for direct restorative dentistry in recent times amongst patients and dentists. Many factors that affected the reliability of composite restorations were aesthetics, tooth, material, adhesives and the operator. As composites and adhesives become more and more reliable, it has become a significant part of an everyday practice in dentistry. Nowadays, there is a demand to improve the efficiency of a dental appointment - this involves placing a direct composite restoration efficiently without compromising on performance and esthetics.





**Dr. Paolo Casentini**  
DDS

## **The Management of the Post-Extractive Socket: An Updated Digital Approach**

 **15:15 - 16:00**

The management of the post-extractive socket represents a frequent reality for the clinician, who is asked to provide an adequate solution, especially when the esthetic area is involved. Nevertheless, new biomaterials, new implant design, and digitalization of workflows have provided new clinical solutions for the management of the post-extraction socket. The presentation will provide updated guidelines and new strategies and techniques in the management of post-extractive sites, and will answer to the following questions:

- Which are the guiding criteria in the management of the post-extraction socket?
- Is it possible to apply perioplastic surgery concepts to immediate implants?
- Is it possible to digitalize the workflow in the management of immediate implants?
- How can we apply modern protocols of ridge preservation and ridge augmentation in post-extractive sites?



**Dr. Alessandro Agnini**  
DDS



**Dr. Andrea Agnini**  
DDS

## **Why Go Digital? How to Implement your Daily Clinical Efficiency**

🕒 **16:00 - 16:45**

Why go digital? It makes everything easier! Learn how integrating digital technology into every step of your clinical workflow and implant practice can enhance the patient experience. A digital workflow can help deliver predictable, quality dentistry, improve office efficiency and productivity, and leave a positive impression on your dental implant patients. Diagnosis, CBCT-scan planning and treatment sequencing for implant patients can become seamless and predictable.

It is true that the advent of new technologies has enabled the dental team to use new material and new equipment that facilitated the production of an adaptation and an accuracy of the prosthetic rehabilitation that has, up to now, been difficult to obtain. Today, intra-oral mapping technology is one of the most exciting new areas in dentistry since three dimensional scanning of the mouth is required in a large number of procedures such as prosthodontics, implant dentistry and orthodontics. All the existing intra-oral scanners are trying to face the limitations and the disadvantages of the traditional impression procedure maintaining a high accuracy level in order to be used as an efficacious alternative to the conventional impression technique. During the lunch and learn, the Agnini Brothers will analyze different cases, highlighting the operational differences that they have developed over time, with the increasing knowledge of the new materials and the daily developing of the new softwares. It is also described how traditional materials and techniques have been replaced with other innovative new technologies, and how the results obtained with these are systematic and overlapping times better than traditional one



**Dr. Mohamed Bamashmous**

BDS, DScD, MSD, MA

## **From Diagnosis to Treatment: Bridging the Divide with AI in Orthodontics and General Dentistry**

🕒 **16:45 - 17:30**

We're diving into the exciting world of AI and how it's shaking things up in dental care. Ever wondered how AI could make a dentist's job easier or a patient's experience better? We'll cover it all—from smarter ways to diagnose dental issues to how AI can help plan treatments that really work. We'll also touch on how AI can make the behind-the-scenes stuff, like admin work, more efficient. And don't worry, we'll tackle the big questions about ethics and the limits of tech in healthcare. Whether you're a seasoned dentist or new to the field, you'll walk away with fresh insights into how AI is changing the game in both orthodontics and general dentistry. So, if you're curious about the future of dental care and how we can make it better for everyone, this is a talk you won't want to miss."



**Dr. Ammar Mahfouz**  
BDS, SBARD, SFID

## **Sculpturing the Future of Implant Dentistry**

🕒 **17:30 - 18:15**

Implant Dentistry has many factors leading patients to have signs and symptoms accompanying with ailing of the implant and this affect the soft tissue surrounding the implant (mucositis) and may propagate to damage both soft and hard tissue (Peri-implantitis). After a major progress in the field of Implant Dentistry (1985-2000) and highlighted as a millennium changes period, increasing complications have taken the full attention of International Congress of Oral Implantologists due to multi-factorial causes in many aspects and different levels in implant dentistry process.

Controlling and minimizing complications to maintain our implant practice in the correct direction with the optimum situation is one of our daily challenges.

Technology was introduced in implant dentistry field in most of the treatment process, starting from 1st visit through collecting data via scanning, analysis, planning, and designing the implant. Furthermore, it may assist in fabricating and finishing the prosthetic parts in the restorative phase.

Modern Implant Dentistry will minimize time to the least, decrease human errors, and facilitate smooth workflow. Also, patients will get the advantages (less pain stress post-operative symptoms) with complete visualization of the treatment phases which lead to increase the success rate.

Finally, it is important to comprehend the modern Implant dentistry components along with well scientific knowledge to maximize implant dentistry outcomes.



# **CONFERENCE ABSTRACTS**

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## **DAY 1**

**18 January 2024, Thursday**

**RADISSON BLU HOTEL,  
HALL A**

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**Dr. Alexander Kerr**  
DDS, MSD

## **Artificial Intelligence and Diagnosis in Patients with Oral Cancer and Oral Potentially Malignant Disorders (OPMDs)**

 **09:00 - 09:30**

Oral cancer and oral potentially malignant disorders have variable clinical presentations that overlap with benign oral mucosal diseases, thus presenting diagnostic challenges for healthcare professionals. The lecture discusses how AI technologies, such as machine learning and image recognition algorithms, can enhance the accuracy and efficiency of diagnosing oral cancer and OPMDs mucosal diseases. It examines the potential of AI-based systems to analyze patient data, including clinical images and medical histories, to aid in early detection and accurate classification of these diseases. The lecture also explores the ethical considerations, challenges, and future prospects of AI in oral mucosal disease diagnosis.



**Prof. Giovanni Lodi**  
PhD

## **Predicting Cancer in Subjects with Oral Potentially Malignant Disorders (OPMDs)**

🕒 **09:30 - 10:00**

Oral potentially malignant disorders (OPMD) comprise a number of conditions of different nature. Subjects affected by OPMD have an increased risk of oral cancer. Luckily, just a minority of them will develop it. For them, a timely diagnosis is fundamental in terms of expectancy and quality of life. But how can we assess the risk level in order to plan the best treatment or an adequate surveillance program? The seminar will discuss, with an evidence-based approach, the clinical and histological features, as well as the biomarkers, that have been proposed as prognostic factors and that could support our decisions in the management of these patients.



**Dr. Siri Beier Jensen**  
DDS, PhD



**Prof. Rícheal Ní Ríordáin**  
MBBS, BDS, MA (Higher Ed), PhD,  
MFD, FFD, FDS(OM)

## **What if your Patient is Battling Cancer? Dentist Role Before, During and After Cancer Therapy**

🕒 **10:00 - 11:00**

Oral complications from surgery/radiotherapy to the head and neck or chemotherapy can compromise patient health and overall quality of life. This lecture will provide an overview regarding oral care before, during, and after cancer treatment to reduce the incidence and severity of oral complications and enhance patients' survival and quality of life.

### **Learning objectives:**

- Understand the pivotal role of the dentist in preparing patients for their cancer therapy.
- Familiarize with the oral complication attributable to chemotherapy and/or surgery/radiotherapy to the head and neck region.
- Learn about the various long-term head & neck complications cancer survivors may suffer from and how to ease their suffering.





**Dr. Tim Hodgson**  
FDS (OM) RCS FRCP

## **Acute Illness in Dental Practice: Identifying Risk and Managing Deterioration**

🕒 **11:00 - 11:30**

Patients attending dental practices are becoming increasingly medically complex and are prescribed multiple medications. The anxiety resulting in dental intervention or intervention itself can precipitate an acute deterioration in physical health. The dental team should be able to predict those patients who may deteriorate and tailor dental treatment to prevent this. The team should be able to quickly assess an unwell patient and take appropriate actions stabilizing but not potentially worsening the underlying cause. The session is dedicated to a simple method of assessment and series of interventions appropriate in dental practice. The importance of emergency services being involved at an early stage is stressed. The session will be complimented by a practical masterclass on the use of emergency equipment and drugs in dental practice.



**Dr. Arwa Farag**  
BDS, DMSc.

## **Temporomandibular Joint Disorders at a Glance**

🕒 **11:30 - 12:00**

This talk will provide an overview for the functional anatomy, etiology, epidemiology of Temporomandibular Joint Disorders (TMDs) and discuss the contemporary classification/diagnostic criteria of the disorders. The talk will also outline the methods of TMDs assessment (through clinical examination, diagnostic imaging, and other investigations) and summarize the general principles of management.



**Prof. Khaled Balto**  
BDS, DMSc.

## **Vital Pulp Therapy: Outcomes and Clinical Techniques**

🕒 **13:00 - 14:00**

Vital pulp therapy has the potential to significantly extend the life of a tooth. The outcomes and evidence for vital pulp treatment has changed drastically in the last 10 years. In 2021 the AAE release a new position paper on vital pulp therapy. This presentation will use this as basis to discuss the important aspect of these procedures. The presentation will primarily focus on teeth with carious exposure and symptoms of irreversible pulpitis. A case-based analysis will be used to explore treatment options that incorporate evidence-based treatment protocols in day-to-day clinical practice.



**Dr. Gilberto Debelian**  
DMD, PhD

## **New Technological Trends on NiTi Root Canal Preparation and its Clinical Application**

🕒 **14:00 - 15:00**

One of the most important phases of endodontic therapy is shaping the root canal. This phase removes obstacles so that instruments or solutions have adequate access for the microbial control phase of treatment. Also, the shape allows for optimal root filling. Shaping should be predictable and conservative so as to avoid unnecessary weakening of the tooth.

The seemingly limitless endodontic files and sequences available on the market make the decision as to which to use and when, very difficult for the clinician. In this presentation I will discuss and compare the different types of NiTi files available on the market, from reciprocating, rotary and the new 3D conforming files, and the application of these files during the scouting, glidepath, main instrumentation as well as on retreatment cases.



**Dr. Samhan Alajmi**  
BDS, MFD, MSc, CAGS

## Management of Failed Endodontic Therapy

🕒 15:15 - 16:15

Clinicians often have to deal with complicated clinical situations such as failed root canal treatments. A thorough understanding of the prevalence, diagnosis and management of such cases are essential parts of a successful dental care. Careful clinical testings and the use of CBCT increased the accuracy of the diagnosis of failed root canal treatments.

The incidence of posttreatment disease, although small, translates into a large number of cases where further treatment is needed. When faced with such a situation, the clinician must determine the etiology of the persistent pathosis and devise a rationale and strategy for treatment.

There are many causes for “failure” of initial endodontic therapy that have been described in the endodontic literature. These include iatrogenic procedural errors such as poor access cavity design, untreated canals (both major and accessory), canals that are poorly cleaned and obturated, complications of instrumentation (ledges, perforations, or separated instruments), and overextensions of root-filling materials. Coronal leakage has also been blamed for posttreatment disease, as has persistent intracanal and extracanal infection and radicular cysts. Clinicians often have to make difficult decisions in choosing the appropriate treatment plan. The choice between Retreatment, Apicoectomy and Dental Implants will be discussed based on the appropriateness as well as the indication and contraindication of each treatment option. The presentation will cover prevalence, step-by-step clinical testings for successful diagnosis, case selection and comparison between Retreatments, Apicoectomy and Dental Implants. Also, clinicians must always have a scientifically sound, evidence-based rationale for every treatment decision that is made so that they may best serve the patients who entrust them with their care.

The aim of this presentation is to teach practitioners clinicals tips on how to diagnose failed root canal treatments and choose the appropriate treatment option that suits each clinical situation



**Prof. Damiano Pasqualini**  
DDS

## **Innovation for a Successful Modern Surgical Microendodontics**

🕒 **16:15 - 17:15**

Saving teeth with peri-radicular lesions of endodontic origin due to failure of previous therapy or peculiar pathological conditions is more predictable and less invasive with modern surgical MicroEndodontics. The diffusion of the operative microscope and magnification tools has increased the success rate of the procedure up to 95%, drastically reducing the post-operative discomfort of the patients and improving their quality of life. Lighting and magnification offer to the clinician new options and strategies of treatment planning. The procedure is a well-coded sequence of clinical steps that if undertaken with competency and appropriate instruments is definitely accessible to all clinicians. The lecture will describe the principles of decision-making process in successful modern surgical MicroEndodontics and the procedure step-by-step. Innovative microsurgical instruments for the best performance of the operator will be also illustrated through a how-to-use concept.



**Prof. Cesar De Gregorio**  
DDS

## **Management of Traumatic Injuries in the Permanent Dentition**

🕒 **17:15 - 18:15**

Management of dental trauma remains a significant clinical challenge affecting health-care providers and patients alike. Patients can present with a wide variety of injuries ranging from crown or root fractures to injuries to the supporting periodontal structure, including luxations and avulsions. This presentation will discuss the newly published guidelines from the IADT (international Association of Dental Traumatology) for prevention, diagnosis, and treatment of traumatized teeth using different clinical case scenarios based on the available scientific-based data. Treatment of young permanent teeth with necrotic pulps and apical periodontitis present an even more complex clinical challenge, particularly in immature roots with short undeveloped root structures, thin dentinal walls, wide-open foramen.



# **CONFERENCE ABSTRACTS**

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## **DAY 2**

**19 January 2024, Thursday**

# **RICEC MAIN AUDITORIUM**

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**Dr. Sergio Piano**  
DDS

## **The Treatment of Terminal Dentition: What's New?**

🕒 **09:00 - 09:50**

More than often today, it is necessary to offer hopeless dentition patients a treatment with implants that resolves functional and esthetic problems whilst being economically affordable. The accurate planning of the clinical case is extremely important in achieving these goals and, during the last few years, the impact of digitalization has hugely improved the way to address the implant treatment. In fact, computer-guided planning, intra oral scanning and digital tools are the modern keys to optimize the implant positioning in relationship with the bone availability and the ideal prosthetic plan. Nevertheless, there are few details of the procedure that, even nowadays, are still well managed by using an analog approach.

During this lecture, a complete analysis of the workflow will be done in order to provide the participant with the concepts that are needed for a successful treatment.



**Prof. Alberto Miselli**  
DDS

## **How to Avoid Mucositis and Peri-Implantitis. Understanding the Supracrestal Peri-Implant Complex in the Prosthetic-Perio-Implant Unit (Umbrella Concept)**

⌚ **09:50 - 10:40**

The preservation of the marginal bone around an implant is due by the vascularity provided by the perimplant connective tissue. The volume of that tissue can be increased by decreasing the volume of the Abutment and the subcritical area of the crown. Increase the gap from the crown termination and the implant platform, we can achieve better tissue organization: circumferential collagen fibers near the implant platform and more vessel and epithelium cell. The paradigms of perimplant bone loss of the 70s and 80s can no longer be sustained. Bone loss is due to poor blood supply to the bone. Increasing volumes of connective tissue, with mucosal grafting and more gap between the implant and the crown allow better vascularization.

The maintenance of the per implant marginal bone depends on several factors:

- The height of the biological space
- The arrangement of the collagen fibers
- The enlargement of the blood vessels
- The smaller diameter of the abutment
- The distance between the implant platform and crown zenith (by buccal) and the point of contact and the platform (by proximal).
- Maintaining the healing of the wound against bacteria with slow oxygen release

The UMBRELLA Concept is the conjunction of concepts on the management of soft tissues around implants, three-dimensional, to achieve the aesthetics of the soft tissues with the preservation of the marginal crestal bone through time.



**Prof. Hom-Lay Wang**  
DDS, MSD, PhD

## **Advancement in Horizontal Bone Augmentation**

🕒 **10:40 - 11:30**

Bone augmentation is often needed to facilitate an ideal implant placement. This presentation will discuss the foundation for achieving predictable bone augmentation: “PASS” principle (primary wound closure, angiogenesis, space and stability). In addition, decision tree that can assist clinicians choose the most predictable procedure for horizontal and vertical bone augmentation will be provided and thoroughly discussed. Scientific evidence and clinical examples related to these clinical suggestions will be demonstrated and illustrated.



**Prof. Hans Malmstrom**  
DDS

## **New Materials and Techniques in Composites and Adhesive Dentistry 2024**

🕒 **13:00 - 14:00**

Resin composites have replaced amalgam as the most commonly used restorative material in modern adhesive dentistry. If properly placed acceptable longevity has been shown in several retrospective and prospective clinical trials.

An innovation in composite materials has been towards less shades as many manufacturers now offer Universal composites where one composite shade covers several shades of the VITA shade scale or even single shades to make shade selection less challenging and time consuming.

There are still some unsolved issues in regard to resin-based composites, which may influence the durability of restorations. Bacterial microleakage may follow debonding, resulting in marginal staining, pulpal inflammation or secondary caries.

The issue of bond durability has dominated most current research in both resin-enamel and resin-dentin bonding. Most of the attention has been devoted to understand why bonding to dentin does not match the durability enamel.

It is widely accepted that the characteristics of the bonding substrate plays a major role on the quality of adhesion including caries-affected, caries-infected, sclerotic, deep, and bur cut dentin.

The use of Universal bonding agents will be discussed as well as which type and mode should be used.

In the anterior restoration we want not only to replace function but also esthetic so other factors such as opacity and translucency are important factors when selecting material as well polish ability.

In this presentation we will discuss new and different types of Universal bonding agents and composite materials physical characteristics, material selection and technique for placement and polishing in different situation. Consider the use of composite materials when replacing eroded teeth as well as restoring vertical dimension.



**Prof. Turki Bakhsh**  
BDS, CACT, PhD

## **Bio-Smart Restorative Dentistry: Stepping into the Future**

🕒 **14:00 - 15:00**

Smart restorative dentistry” refers to an emerging approach in dentistry that incorporates advanced technologies and materials to improve the quality, durability, and effectiveness of dental restorations. This approach aims to provide more personalized, efficient, and patient-centered dental care. In addition, as technology continues to advance, dental materials are evolving to incorporate “smart” features, enabling enhanced diagnostics, monitoring, and treatment.



**Dr. Saad Al Kharsa**  
DDS, MSc, ABO, FAGD

## **Building the Legacy Team: Unlocking the Opportunity for Optimal Patient Outcomes**

🕒 **15:15 - 15:51**

This lecture explores the benefits of forming a multi-disciplinary group practice consisting of professionals from different dental specialties. It highlights the advantages of collaboration, including improved communication, streamlined treatment processes, and enhanced patient outcomes.



**Dr. Saba Ghazal**  
BDS, MS



**Dr. Neda Almojel**  
BDS, MS

## **The Esthetic Evaluation System: Engineering Healthy Esthetic Smiles**

🕒 **15:51 - 16:27**

Achieving an aesthetically pleasing and healthy smile necessitates an integrated approach to treatment planning that encompasses both facial and smile analysis. We will introduce an esthetic evaluation and treatment system designed to streamline this comprehensive interdisciplinary approach, providing practitioners with a practical tool to seamlessly incorporate into their daily practice.



**Dr. Mutaz Qutob**  
DDS, MOrth

## **The Esthetic Evaluation System: Smile Oriented Orthodontic Treatment**

🕒 **16:27 - 17:03**

This lecture will focus on the art of enhancing smile esthetics by adopting an interdisciplinary approach in orthodontic treatment. We will discuss how to create synergy between orthodontics and various dental disciplines to optimize function and esthetic outcomes in our smile transformations.





**Dr. Abdulmalik Alyahya**  
BDS, SBOMFS, FPS

## **The Esthetic Evaluation System: The Harmony of the Smile in the Facial Context**

🕒 **17:03 - 17:39**

This lecture will focus on the role of the maxillofacial surgeon in diagnosing and applying the surgical approaches to help create an esthetic smile that is in harmony with the facial context.



**Dr. Saad Al Kharsa**  
DDS, MSc, ABO, FAGD



**Dr. Saba Ghazal**  
BDS, MS



**Dr. Neda Almojel**  
BDS, MS



**Dr. Mutaz Qutob**  
DDS, MOrth



**Dr. Abdulmalik Alyahya**  
BDS, SBOMFS, FPS

## **Putting Theory into Practice: Cases and Scenario Panel Discussion**

🕒 **17:39 - 18:15**

In this panel discussion we will take you virtually to our clinic to see how this system is applied. Multiple cases will be discussed between speakers. Overall, it will emphasize the importance of interdisciplinary teamwork in delivering the best dental care for patients.



# CONFERENCE ABSTRACTS

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## DAY 2

19 January 2024, Thursday

**RADISSON BLU HOTEL,  
HALL A**

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**Dr. Antonio Pedro Silva**  
DDS

## **Child-Friendly Dentistry: A Paradigm Shift**

🕒 **09:00 - 09:50**

Dentistry, along with Children's Dentistry, is experiencing a constant evolution, and we have all witnessed some remarkable paradigm shifts. One of the most significant transformations is the adoption of Minimal Invasive Dentistry. However, in Pediatric Dentistry, this shift takes on an even greater importance due to its alignment with the ethos of the Specialty. The new Minimal Invasive techniques prioritize placing the child at the center of dental care, creating a more child-friendly approach, reducing Dental Fear or General Anaesthesia. In this lecture, we will delve into the intricacies of this paradigm shift, exploring the current techniques and the challenges that must be overcome through innovation.



**Dr. Muhanad Alhareky**  
BDS, CAGS, MS, DMSc

## **Pediatric Dentistry in the New Digital Era**

🕒 **09:50 - 10:40**

In this presentation we will explore the use of digital technology in pediatric dentistry, focusing on its benefits and potential impact on patient care. We will discuss the various digital tools and techniques available to pediatric dentists, including intraoral scanners, 3D imaging, and virtual reality simulations. Additionally, we will examine how these technologies can improve communication with children and their parents, enhance treatment planning and delivery of care, and ultimately contribute to better outcomes.

The presentation will also address potential challenges and limitations of digital technology in pediatric dentistry, as well as considerations for integrating these tools into a pediatric dental practice. Overall, this presentation aims to provide insights into the current state of digital technology in pediatric dentistry and its potential future implications for the field.



**Prof. Juan Yepes**  
DDS, MD, MPH, MS, DrPH

## **Pediatric Oral Pathology: From Soft Tissue Lesions to Canker Sores!!!**

🕒 **10:40 - 11:30**

This lecture will provide to the attendee with the most up-to-date information regarding the fascinating and emerging field of oral pathology in pediatric dentistry. The lecture will use case-presentation as the learning and discussion format and will cover the entire spectrum of the most common oral soft tissue lesions in infants, children, and adolescents.



**Prof. Carlos Flores-Mir**  
DDS, DSc, FRCD(C)

## **The Patient's Story about Clear Aligner Treatment**

🕒 **15:15 - 16:00**

This presentation discusses factors that influence the patient's journey when using clear aligners. Although important, the focus will shy away from the reported predictability of movements to focus on the patient's experience, commitment limits, expectations, virtual monitoring of progress, communication needs, informed consent and potential adverse effects.



**Dr. Saeed Asiri**  
BDS, MEd, MSD, PhD

## **AI-Driven Orthodontics: Latest Updates**

🕒 **16:00 - 16:45**

The field of orthodontics has witnessed significant advancements in recent years with the integration of artificial intelligence (AI) and digital technologies. These cutting-edge developments have revolutionized the practice of orthodontics, leading to more accurate diagnoses, efficient treatment planning, and improved patient outcomes. This presentation aims to provide an overview of the latest updates in AI-driven orthodontics, highlighting the advancements, benefits, and challenges associated with this rapidly evolving field





**Prof. Ali Habib**  
PhD

## **Predictability Based Clear Aligner Practice**

🕒 **16:45 - 17:30**

Clear aligner therapy is a new method of treatment in the field of orthodontics. Many orthodontists still consider it as a limited tooth movement appliance and not suitable for comprehensive orthodontic treatment. Despite of this negative opinion, clear aligner therapy has become more popular and highly accepted by adult patients and is used successfully by many orthodontists. In this presentation, a systematic approach will be suggested to help clear aligner practitioners to build their learning curve successfully and practice clear aligners in a more efficient way.



**Prof. Tarek El Bialy**

PhD, EMBA, Dr. Med. Dent.' ABO, FRCED(C)

## **Interceptive orthodontics using clear aligners and Photobiomodulation**

🕒 **17:30 - 18:15**

Early orthodontic treatment has many advantages to prevent unnecessary later long orthodontic treatment that may be complicated with the need for extractions and or surgical intervention. Clear aligners have been shown to effectively treat different types of malocclusions as early as 6 years old. Compared to traditional interceptive techniques, clear aligners are easy and effective in arch expansion, sagittal jaw correction and vertical control. Photobiomodulation (PBM) has been implemented successfully in orthodontics and dentofacial orthopedics. Studies have shown that PBM not only can reduce pain, orthodontically induced root resorption, but also accelerates orthodontic tooth movement. Clinically, PBM has shown to enhance patients' experience and relief TMD symptoms. This presentation will show scientific evidence of the clinical use of clear aligners in interceptive orthodontics and the applications of PBM in orthodontics and dentofacial orthopedics.



# CONFERENCE ABSTRACTS

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## DAY 2

19 January 2024, Thursday

**RADISSON BLU HOTEL,  
HALL B**

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**Dr. Basem Jamal**  
DSc in OMFS

## **Update on Management of Obstructive Sleep Apnea and the Role of the Dental Profession**

🕒 **13:00 - 13:40**

One-third of the average human lifespan is spent on sleep. Any interference with the normal sleep architecture can lead to significant impairment of our functions. Obstructive sleep apnea syndrome (OSAS) affects all age groups and both sexes worldwide. It is a disease that can lead to both morbidity and mortality. Recent studies have shown that patients diagnosed with OSAS who do not receive treatment have mortality rates 2-3 times higher than the general public. OSAS also significantly affects the quality of life in children and can lead to behavioral problems. Most of the clinical features of OSAS are in the oral and maxillofacial region, so dental professionals can play a key role in diagnosing this disease.



**Dr. Serkan Sağır**  
DDS, PhD

## **Presurgical Orthodontic Preparation in Orthognathic Surgery Cases**

🕒 **13:40 - 14:20**

In adult patients with significant skeletal jaw discrepancy, the goals of orthodontic treatment are often impossible to achieve without orthognathic surgery. Only orthognathic surgery without orthodontics also do not give satisfactory results. Consequently, this is an interdisciplinary treatment protocol in which both orthodontics and surgery are required to correct the dental malposition and the skeletal disharmony.

In these patients, successful treatment outcomes require proper treatment plan. In the beginning, a complete examination of the face including evaluation of facial and dental photographs, panoramic and cephalometric radiographs, and dental casts should be done by the orthodontist and maxillofacial surgeon and a joint decision should be made concerning the treatment plan.

The aims of preoperative orthodontics are dental alignment, incisor decompensation and arch coordination obtaining maximum intercuspal interdigitation when the jaws are surgically corrected. After these corrections the true magnitude of the skeletal problem will appear thus allowing an optimal correction at surgery.

In the present presentation, the essential steps in orthodontic preparation for orthognathic surgery will be presented accompanied by case examples.



**Prof. Altan Varol**  
DDS, PhD

## **Facial Asymmetries: Pitch Yaw Roll Correction**

🕒 **14:20 - 15:00**

Facial asymmetries are challenging deformities which require detailed assessment prior to definitive correction

Most asymmetries develop due to condylar benign growths which are clinically presented as hemimandibular elongation or hemimandibular hyperplasia. Ongoing condylar activity after surgery may responsible for postop relapse. Correction of these deformities mostly necessitates maxillomandibular osteotomies which cover maxillary multi-segmented surgery, sagittal split osteotomy or inverted-L mandibular osteotomy, genioplasty and mandibular basis resection.

Asymmetry correction is performed in 3 planes so presentation will cover correction of asymmetric cases using pitch-yaw-roll movements.



**Dr. Victoria Palermo**  
MD, DDS

## **Orthognathic Surgery Beyond Correcting Malocclusion: Manipulating Arch Space and Grafting to Optimize Restorative Solutions**

🕒 **15:15 - 15:50**

Orthognathic surgery is primarily utilized as a means of correcting skeletal discrepancy and malocclusion, often reserved for severe cases due to perceived morbidity. The presentation will highlight surgical management of challenges beyond malocclusion in a multidisciplinary setting, with focus on utilizing surgical principles to optimize occlusal and restorative solutions, as well as reducing treatment times. The lecture is geared towards a comprehensive treatment team, including Orthodontists, Surgeons and Restorative providers.



**Dr. Roderick Kim**  
DDS, MD, MBA, FACS

## **Comprehensive Overview of Reconstructive Surgery of the Head and Neck**

🕒 **15:50 - 16:25**

Reconstructive surgery of the head and neck region has taken many strides over the last two decades, highlighted by free tissue transfer and advancement of computer aided design and manufacturing. In this overview, we will discuss the general reconstructive principles, reconstructive armamentarium, advancements and innovations within the field, as well as future directions. The attendee will gain understanding of the reconstructive options available within the head and neck region, and gain insights to the future direction of head and neck reconstruction.





**Dr. Arshad Kaleem**  
MD, DMD, FACS

## **Challenges and Nuances in Maxillofacial Reconstruction**

🕒 **16:25 - 17:00**

Reconstruction of the maxillofacial region requires a multidisciplinary approach as it can be a challenging task, given its complex anatomy and function. It requires proper patient selection and work up. Various reconstructive techniques, utilizing, 3D printing, custom implants, and free tissue transfer will be discussed. Outcomes, complications, and their management will be discussed.



**Dr. Ketan Patel**  
DDS, PhD

## **Hypoglossal Nerve Stimulation for Management of Obstructive Sleep Apnea**

🕒 **17:00 - 17:35**

Hypoglossal nerve stimulators are an effective treatment option for patients with moderate to severe obstructive sleep apnea who have failed treatment with positive airway pressure. An implantable pulse generator is implanted into the right chest, with a lead to the hypoglossal nerve and a respiratory sensing lead. The device generates electrical impulses by detecting respiratory efforts and simulating the hypoglossal nerve. During an obstructive event, the sensing lead over the internal intercostal muscle fails to recognize a breath/chest rise and sends a signal to the impulse generator, which then stimulates the protrusive fibers of the hypoglossal nerve thereby relieving the obstruction. The lecture series will provide an overview of Indications, mechanism, related surgical anatomy and implantation procedure for patients with sleep apnea.



**Dr. Shadi Alzahrani**  
BDS, MS, FRCD (c)

## Macro to Micro Facial Reconstruction

🕒 17:35 - 18:10

Facial reconstruction is a fascinating field that involves restoring or recreating a person's facial features and restoring a facial defect. From a macro perspective, this involves reconstructing the overall structure and shape of the face. This can be done using various techniques such as 3D imaging, computer simulations, or physical models.

Moving to the micro level, facial reconstruction can involve restoring more minor details like skin texture wrinkles or even restoring missing dentition to reach the optimal level.

In this lecture, I will discuss different ways to reconstruct the mandibular and maxillary defects.



# **CONFERENCE ABSTRACTS**

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**DAY 3**

20 January 2024, Thursday

**RICEC  
MAIN AUDITORIUM**

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**Prof. Hom-Lay Wang**  
DDS, MSD, PhD

## **Link between Restorative Designs and Peri-implant Diseases**

🕒 **09:00 - 09:45**

Implant complications have become a major challenge for dentists who placed implants. This lecture is designed to help dentists understand the link between restorative designs and implant complications. Predisposing factors such as restorative variables (e.g., crown contour, distance between crown margin and fixture bone level, residual cement, occlusion...etc) associated with peri-implant complications will be presented. Approaches of how to avoid these complications will be thoroughly discussed.



**Dr. Abdelrahman Khalaf**  
BDS, MS, PhD

## **Prosthetic Workflow in the Digital Era**

🕒 **09:45 - 10:30**

Digital dental technology is gaining popularity and is being incorporated into the workflow for implant-supported restorations ranging from short spans to full arch screw-retained prostheses. In this lecture, we will cover different aspects of your daily digital practice starting from patient diagnosis, 3D imaging, digital implant treatment planning, and computer-guided implant surgery. Also, secrets of facial-driven prosthetics fabrication, digital cross mounting, and jaw relation capturing in a predictable manner will be illustrated following an evidence-based approach.



**Dr. Alessandro Agnini**  
DDS



**Dr. Andrea Agnini**  
DDS

## **The Role of Technology in Full Arch Implant Rehabilitation**

🕒 **10:30 - 11:15**

Full arch management has its challenges in itself not only from a surgical point of view but especially under a prosthetic standpoint. Diagnosis and treatment plan properly these cases play a pivotal role for the final successful outcome. In fact, CBCT software analysis together with all the prosthetic evaluation needed prior the surgical day will be highlighted during the day, bringing then the focus of course specifically on the diagnostic, surgical, and prosthetic procedures that can improve the predictability of the overall procedure. Which implant geometry to be used? Which is the rationale behind the choice of placing straight or tilted implants? How many implants are needed and where? The discussion will also highlight how to obtain an accurate, passive and strength immediate provisional restoration, focusing then not only on the esthetic but also on the technical side.



**Dr. Hisham Mously**  
BDS, MSc, Cert.Prosth, FACP

## **Esthetics with No Limits**

🕒 **11:15 - 12:00**

nically oriented lecture that uses HD videos to provide tips and tricks and detailed clinical steps to handle smile makeover cases. The hd videos will make the steps very clear and will provide the clinician with the actual techniques and details he needs to provide high quality treatment. Moreover, the attendee will gain more knowledge in high quality teeth preparations of dental veneers, provisionalization and veneers bonding procedure. This is a lecture that will answer all your clinical questions and concerns related to dental veneers and esthetic cases.





**Dr. Matteo Giorgi**  
DDS

## **How to do it: Zygomatic Implants -Tips and Tricks with practical cases step by step**

🕒 **13:00 - 13:40**

Zygomatic implants represent a valid alternative to regenerative surgical techniques in the treatment of atrophic maxilla. A universal surgical technique will be proposed, which allows to treat any case of maxillary atrophy with a dedicated simple and essential kit.



**Dr. Minas Leventis**  
DDS, MSc, PhD

## **Novel Protocols and Materials to Control the Bacteria and Reconstruct the Bone and Soft Tissue Topography Around Implants**

🕒 **13:40 - 14:20**

In implant dentistry, several critical elements determine the outcome and the long-term stability and success of any implant treatment. Among these elements, the quantity and quality of the bone, the topography and anatomy of the peri-implant soft tissues, and the oral bacteria/biofilm, which is present at any step of the treatment and in the long-term around the implant restorations, play important roles and thus must be properly understood, designed, managed and controlled.

In this lecture, Dr. Leventis will present contemporary protocols and materials he is currently researching and using in everyday practice to standardise, simplify and increase the predictability and success rate of implants. He will share his experience and analyse in detail essential topics, such as the role of oxygen and lactoferrin in controlling the bacteria and enhancing the healing at every phase of treatment, the use of state-of-the-art synthetic bone substitutes to regenerate high quality hard tissues, the development of novel antibacterial polymer dressings to optimise alveolar ridge preservation, and the concept of customised anatomical healing abutments to condition and reconstruct the correct soft tissue profile and peri-implant soft tissue seal.



**Dr. Matteo Giorgi**  
DDS

## **How to do it: Pterygoid Implants - Tips and Tricks with practical cases step by step**

🕒 **14:20 - 15:00**

Designed for surgeons with extensive experience in the rehabilitation of the atrophic maxilla, the course objective is to cover the use of Pterygoid implants as a graftless treatment alternative in full-arch rehabilitation.

This course will take the participant through the most relevant aspects of pterygoid implants: from patient selection to treatment planning, anatomic considerations, imaging considerations, and fitting of the immediate and final prostheses, aiming to empower the participants with the necessary knowledge to offer immediate function to their patients even when facing atrophic and extremely atrophic maxilla cases.



**Dr. Giorgio Tabanella**  
DDS, MS

## **Nobel. A Simplified Approach for Guided Bone Regeneration**

🕒 **15:15 - 16:00**

Bone substitutes are used to supplement or replace the autogenous bone transplantation. However, their combination with other biomaterials such as sponges, GBR membranes and 3D soft tissue matrices remains under discussion. The physico-chemical properties combined with the high-quality biological potential and always indication-oriented biomaterials influence the desired clinical outcome. Also, the proper choice of membranes with optimal barrier function, or using the appropriate 2D/3D scaffold structure support the concepts of GBR and GTR. This lecture talks about bridging the gap between the clinics, science and industry by offering interdisciplinary knowledge for personalized treatment in order to treat each individual patient at its best.



**Prof. Hamdan Alghamdi**  
BDS, MSc, PhD

## **Novel Oxygen Therapy for Controlling Periodontal Biofilm and Wound Healing**

🕒 **16:00 - 16:45**

The use of oxygen for wound healing management has been described extensively in the medical field. In the dental field it is not common to use oxygen products as a supplement to enhance the wound healing process after dental (surgical) treatment. In this lecture we will go over the use of a novel product which contains active oxygen as a supplement to existing therapies in gingivitis, periodontitis and peri-implants disease with case reports.

Oxygen is an important factor for wound healing. From the medical field we know oxygen is crucial and necessary for every step of the wound healing. The oxygen is necessary for increasing energy production for reparative processes. Secondly oxygen stimulates the production of reactive oxygen which are bacteriostatic and stimulate angiogenesis. In the medical field therefore, the additional use supplemental oxygen in wound healing has been proposed, delivered locally or systematically to the patient.

Dental biofilms are well implicated in periodontal and peri-implant diseases. active oxygen therapy showed potential antimicrobial efficacy against the colonization and growth of pathogenic biofilms that associated with periodontitis as well as peri-implantitis. The idea of gradual oxygen release can promote faster wound healing by increasing the oxygen levels in damaged bone tissue or after teeth extractions. Also, it can be suggested to use active oxygen therapy to clean and decontaminate the bony defects before applying bone grafting materials.



**Prof. Isabel Lizán**  
DDS, MPH, PhD

## **Maintenance of Oral Health Based on the Risk Approach**

🕒 **16:45 - 17:30**

Oral diseases are mainly related to exposure to risk factors and individual habits and behaviors. So, even when they are in advanced stages, a strategy based on risk factors and behavioral changes becomes mandatory. In this sense, dental practice needs to implement evidence-based clinical practice guidelines that promote a patient-centered and risk-based approach: one patient, one strategy.



**Dr. Ana Luisa Bernotti**

DDS, MSc

## **Use of Active Oxygen and Lactoferrin in Daily Practice. A Therapeutic Alternative in the Management of Soft Tissue**

🕒 **17:30 - 18:15**

In this lecture, we will delve into a groundbreaking approach for enhancing soft tissue health in daily dental practice through the integration of active oxygen and lactoferrin. Our exploration will highlight the potential of this therapeutic combination to address microbial challenges, reduce inflammation, and bolster the natural healing processes within the oral cavity. While current evidence points to its efficacy, further clinical studies are imperative to substantiate the practical applicability and long-term benefits across diverse dental settings. The lecture aims to underscore how incorporating active oxygen and lactoferrin into routine dental care may emerge as a valuable strategy, offering a novel avenue for optimal soft tissue management and the overall maintenance of oral health. Join us as we examine the promising future of this therapeutic alternative and its potential implications for advancing dental practice.



# CONFERENCE ABSTRACTS

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## DAY 3

20 January 2024, Thursday

**RADISSON BLU HOTEL,  
HALL A**

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**Dr. May Wathiq Al -Khudhairy**  
BDS, DMSc

## **Obstructive Sleep Apnea and Sleep Bruxism: a Dentists Enigma**

🕒 **09:00 - 09:20**

- Diagnosis (tips and tools) of SB and OSA
- appearance of each condition at the dental clinic.
- when to treat and when to refer.



**Dr. Rawan Talat Sagga**

BDS, MSD, Swedish Board in Periodontics

## **Management of Periimplantitis: Where are we today**

🕒 **09:20 - 09:40**

implantitis—an infectious condition of the tissues around osseointegrated implants with loss of supporting bone and clinical signs of inflammation. There is no standard of care for treating peri-implantitis. Various clinical protocols for treating peri-implantitis have been proposed, including mechanical debridement, the use of antiseptics and local and systemic antibiotics, as well as surgical and regenerative procedures.



**Prof. Asma'a Al-Ekrish**

MDS, Cert. Diag. Sci.

## **Development of an Artificial Intelligence Model for Prediction of the Lowest MDCT Diagnostic Dose for Visualization of the Roof of the Inferior Alveolar Canal**

**⌚ 09:40 - 10:00**

Ionizing radiation is potentially harmful to patients, with the risk of harm increasing with radiation dose. Therefore, radiation exposure to patients should be As Low as Diagnostically Acceptable (ALADA). The ALADA dose within an imaging modality varies based upon the hardware and software used, and according to the diagnostic task. The optimal method of determining the ALADA dose for each diagnostic task and imaging device is time consuming and requires large amounts of imaging data which is not easily obtainable. Furthermore, the resultant ALADA values are rendered obsolete by the development of newer generations of imaging devices. As such, it is not possible to determine meaningful ALADA doses with conventional dose optimization studies. Therefore, an artificial intelligence (AI) model was developed which allows prediction of the multidetector computed tomography (MDCT) ALADA dose for visualization of the inferior alveolar canal (IAC) across various MDCT imaging systems. This presentation will present the method of data collection and development of such AI models, and discuss the potential usefulness of this method across other dental imaging devices and diagnostic tasks.

Note: The work which will be presented has already been published at:

Al-Ekrish AA, Hussain SA, ElGibreen H, Almurshed R, Alhusain L, Hörmann R, Widmann G. Prediction of the as Low as Diagnostically Acceptable CT Dose for Identification of the Inferior Alveolar Canal Using 3D Convolutional Neural Networks with Multi-Balancing Strategies. Diagnostics. 2023 Mar 23;13(7):1220.



**Dr. Hanin Yeslam**  
DDS, PhD, Dr.med.dent

## **Diagnosing Caries in the 21st Century: Innovations and Technologies with Great Potential**

🕒 **10:00 - 10:20**

Dental caries is a prevalent ailment that is caused by various factors that eventually leads to a breakdown in tooth structure. This leads to visible lesions that a dentist can detect. Dental care is increasingly focusing on minimally invasive treatments. Detecting caries lesions early on can prevent its advancement and enable effective remineralization therapies. Dentists use visual, tactile, or radiographic examinations to observe changes in the tooth structure to detect caries lesions. Traditional methods depend largely on the dentist's expertise and subjective evaluation. To overcome this, new caries diagnostic technologies have been developed and put into practice. These technologies aid in detecting the early stages of caries. Presently, five primary technologies exist for dental practice and research, along with new digital applications for caries diagnosis. Each technology has its own set of advantages and disadvantages.



**Dr. Abdulaziz Bakhsh**  
BDS, MClintDent, RCSed, PhD

## **The Association between Endodontic Disease, Its Treatment and Systemic Health**

🕒 **10:20 - 10:40**

The 'Focal Infection Era in Dentistry' in the late 19th and early 20th century resulted in widespread implementation of tooth extraction and limited the progress of endodontics. The theory proposed that bacteria and toxins entrapped in dentinal tubules could disseminate systemically to remote body parts, resulting in many types of degenerative systemic diseases. This theory was eventually refuted due to anecdotal evidence. However, lately there has been increased interest in investigating whether endodontic disease could have an impact on general health. There are reviews that have previously been carried out on this subject, but as new data have emerged since then, this review aims to appraise the available literature investigating the dynamic associations between apical periodontitis, endodontic treatment, and systemic health. The available evidence regarding focal infection theory, bacteraemia and inflammatory markers was appraised. The review also collated the available research arguing the associations of apical periodontitis with cardiovascular diseases, diabetes mellitus, adverse pregnancy outcome and autoimmune disorders, along with the effect of statins and immunomodulators on apical periodontitis prevalence and endodontic treatment prognosis. There is emerging evidence that bacteraemia and low-grade systemic inflammation associated with apical periodontitis may negatively impact systemic health, e.g., development of cardiovascular diseases, adverse pregnancy outcomes, and diabetic metabolic dyscontrol. However, there is limited information supporting the effect of diabetes mellitus or autoimmune disorders on the prevalence and prognosis post endodontic treatment. Furthermore, convincing evidence supports that successful root canal treatment has a beneficial impact on systemic health by reducing the inflammatory burden, thereby dismissing the misconceptions of focal infection theory.



**Dr. Umair Ahmed**  
BDS

## **Injection Modalities in the Treatment of Temporomandibular Disorders (TMDs)**

🕒 **10:40 - 11:00**

Discuss management strategies of TMJ related disorders, especially related to steroid, hyalgan and PRP injections.



**Dr. Kawthar Bukhari**

BDS, MClinDent, PhD

## **Contemporary Trends in Vital Pulp Therapy: New Materials and Treatment Perspectives**

🕒 **11:00 - 11:20**

Vital pulp therapy (VPT) techniques aim to preserve dental pulp vitality after injuries such as trauma, caries, or restorative procedures. These techniques encompass methods like indirect or direct pulp capping and partial or complete pulpotomy, chosen based on the degree of pulp damage. Traditionally, VPT primarily concentrated on sustaining pulp vitality in young, developing teeth to ensure proper root formation. However, contemporary dental practices have broadened the scope of VPT to include mature teeth, providing treatment alternatives beyond root canal therapy (RCT) for cases involving inflamed pulps. This conservative approach not only retains natural teeth but also enhances patient comfort, aesthetics, and oral health. Advances in dental materials and techniques have further expanded the potential of vital pulp therapy, permitting regenerative strategies that promote the growth of new pulp tissue and dentin.

Thus, in this presentation, I will cover the following topics:

- Introduction to vital pulp therapy: Providing an overview of the conservative approach in dentistry and the modern scope of VPT.
- Exploration of emerging materials: Discussing the latest advances in materials.
- Treatment strategies for different cases and clinical protocols.
- Challenges and considerations regarding integration into dental practice.
- Outcomes and success rates.
- Future directions.



**Dr. Yaser AlNatheer**  
BDS, DScD

## **Endosseous Craniofacial Implants, a Simple Solution to a Complex Problem: Case Report and Review of Literature**

🕒 **11:20 - 11:40**

Facial defects can pose a tremendous impact on a patient's quality of life. These defects can arise congenitally or be acquired later in life (traumatic events, unpleasant reconstruction, or after amputation). In order to rehabilitate such defects; surgeons and patients have multiple reconstructive options, as the gold standard would be autologous techniques, it can be very complex and challenging with a lower chance of aesthetically pleasant results. Rehabilitation of craniofacial defects with endosseous implants provides excellent stability, relatively simple technique and superior aesthetics.

A 17 years old male, born with microtia and atresia of the right ear, came to our department seeking an esthetic solution for his malformed ear. Surgical workup was carried out with multidisciplinary teams (Oral and maxillofacial surgeon, maxillofacial prosthodontist, anaplastologist, and audiologist). Utilizing CT scans with a surgical guide intraoperatively, implants were placed in the most anticipated position. Later, it was restored with a prosthetic ear identical to his contralateral normal ear. The patient was followed for 12 months postoperatively, healing was satisfactory with a pleasant appearance and boosted self-esteem reported from the patient.

As endosseous craniofacial implants have proven with time to be a reliable option in reconstructing facial defects, new technologies have been incorporated in the treatment planning and execution processes. CBCT, digital optical scanning, 3D-printed molds and frameworks, and intraoperative navigation all can produce anatomically accurate, aesthetic, durable prosthetic replacements.





**Dr. Nora Alhazmi**

BDS, MS, DMSc

## **The Role of Genetics in Dental Anomalies and its Relation to Orthodontics**

🕒 **11:40 - 12:00**

Hypodontia is the most common dental anomaly in Saudi Arabia. The etiology of such dental anomalies can be due to genetics or environmental factors. However, the primary etiological factor is attributed to genetics. The aim of our study is to explore the association between MSX1, PAX9, and AXIN2 with non-syndromic mild and moderate hypodontia in the Saudi Arabian population.

Our case-control study was conducted on patients who attended the College of Dentistry at King Saud bin Abdulaziz University for Health Sciences in Riyadh, Saudi Arabia. Unstimulated whole saliva samples were collected. Then, genotyping was performed for the selected three SNPs (AXIN2 rs2240308), (PAX9 rs61754301), and (MSX1 rs12532) using ready-made assay from Thermo Fisher. comparison of the genotypes between the control group and the NHS group separately was done using Chi-square tests.

Our results show a significant observation of the homozygous variant genotype for the selected three SNPs (AXIN2 rs2240308), (PAX9 rs61754301) and (MSX1 rs12532) in comparison to the control samples. Our results provide further evidence for the contribution of genetic change in AXIN2, MSX1, and PAX9 for tooth agenesis. This study might lead to a non-invasive preventive genetic test for the patient who has a higher risk of tooth agenesis.



**Dr. Hadeel Alaathal**  
BDS, MClintDent, MOrth

## **Should piezocision procedure be prohibited both in research and practice?**

🕒 **13:00 - 13:20**

The rate of orthodontic tooth movement (ROTM) and, consequently, the duration of orthodontic treatment are affected by age, gender, arch, and bone quality. There are several inherent adverse effects of orthodontic treatment, such as periodontal disease, pulpal changes, pain, and orthodontically induced iatrogenic root resorption (OIIRR). It has been speculated that shortening orthodontic treatment duration by accelerating the ROTM might minimize those inherent risks. There are numerous surgical and nonsurgical techniques one can use to accelerate ROTM, each of which has its advantages and limitations. When the bone is traumatized, tissue remodeling takes place, increasing the healing process, which results in functional recovery. This is called the Regional Acceleratory Phenomenon (RAP).

One of the surgical approaches is piezocision, which involves creating microincisions using a piezotome.



**Dr. Ibtisam Moafa**

BDS, MSc, PhD

## **A Symphony of Precision and Progress: Revolutionizing Dentistry through the Intervention Mapping**

🕒 **13:20 - 13:40**

Oral health remains a vital component of overall well-being, and effective strategies are needed to address its multifaceted challenges. Intervention Mapping (IM), a systematic and theory-driven approach, has gained prominence in the complex healthcare settings. IM offers a powerful tool for designing, implementing, and evaluating interventions to improve oral/systemic health outcomes. IM identifies key determinants and barriers in oral health by conducting a meticulous needs assessment, paving the way for developing precise and contextually relevant interventions tailored to specific oral health challenges. Furthermore, IM's reliance on behavioral and social science theories empowers dental professionals to select evidence-based methods and strategies to change patient behavior. This ensures that interventions are well-informed and responsive to the unique needs of diverse populations. In dental education, IM offers a structured framework for curriculum development, fostering future generations of dentists with a solid foundation in evidence-based practice. In addition, IM aids in the development of comprehensive oral diseases prevention and early detection of oral cancer programs. Its structured approach facilitates the design of effective educational campaigns and patient-centric interventions that can significantly impact oral diseases outcomes. By embracing IM, dentistry can elevate its precision, effectiveness, and impact in promoting and maintaining oral health. It positions IM as an invaluable tool to address the dynamic and evolving landscape of dental care, promising a brighter future for oral health worldwide.



**Dr. Osama Alshammari**

Board Certified in Comprehensive General Dentistry

## **ChatGPT and Beyond: The Emerging Role of Generative AI in Dentistry and Healthcare**

🕒 **13:40 - 14:00**

The rapid advancement of Artificial Intelligence (AI) has brought about transformative changes across various sectors, notably within healthcare. One interesting application is the use of generative AI and Large Language Models (LLMs), like ChatGPT, in healthcare. This presentation will delve into the fundamentals of Generative AI and LLMs, explaining their terminologies and mechanisms in simple terms. The talk will highlight key studies and their outcomes that showcase potential applications and limitations of ChatGPT and similar LLMs in medicine, and dentistry. The presentation will demonstrate real-life examples from King Fahad Medical City about potential use cases by integrating Generative AI with the electronic medical record. In addition, the presentation will summarize key findings and learned lessons from the exploratory study conducted at the dental clinics in King Fahad Medical City. In this study, Generative AI were utilized to translate head and neck radiology reports into simplified plain language for patients, to enhance patients' awareness and knowledge by substituting complex medical jargon with digestible content, fostering patient-centered healthcare provision.



**Dr. Fatema Alqudaihi**  
BDS, AEGD, MSD

## **Artificial Intelligence for Caries Detection**

🕒 **14:00 - 14:20**

Artificial Intelligence (AI) has emerged as a transformative technology in various medical fields, including dentistry. Traditional methods of caries detection often rely on visual and radiographic examination, which can be subjective and time-consuming. In recent years, AI-powered systems utilizing deep learning algorithms have shown promising results in automating the detection of dental caries from radiographs, intraoral images, and 3D scans. This presentation highlights the advancements, challenges, and potential benefits of integrating AI into caries detection workflows, offering improved accuracy, efficiency, and early diagnosis for better oral health management.



**Dr. Rami Alhomrany**  
CAGS, DScD, FRCDC

## **Nanotechnology applications in Endodontics**

🕒 **14:20 - 14:40**

Nanotechnology has attracted enormous attention particularly in the field of endodontics. Many studies in the past decade were conducted to incorporate nanoparticles into compositions of various endodontic materials to improve their physical and biological properties seeking better clinical outcomes. Nevertheless, on the flip side of the coin, other reports investigated the molecular biocompatibility of these nanoparticles suggesting various degree of toxicity. This presentation is aimed to discuss the dilemma of reaching a balance between the beneficial and harmful effects of these nanoparticles in Endodontic field. Additionally, the presentation will also spot the light on future direction for better nanotechnology implementation in Endodontics and what is needed to transit to the phase of clinical trials.



**Dr. Lulwah Al Reshaid**  
BDS, PhD

## **Resin Composite Versus Amalgam Restorations Placed in North American Dental Schools**

🕒 **14:40 - 15:00**

Many surveys have been conducted to determine the approach to teaching posterior composite in dental schools in North America. However, none have correlated the number of posterior restorations placed by students in North American dental schools' clinics with their teaching policies. Three-part studies have been conducted to investigate the trends of posterior composites and amalgam restorations placed in North American dental schools from 2008 to 2018. The first two studies showed an increase in posterior composite restoration placement and a decrease in the number of amalgam restorations placed. However, the amount of time devoted to teaching each restorative material was not aligned with the number of posterior restorations placed in faculty clinics. The final study revealed that Canadian dental schools' attitude toward posterior resin composite teaching is relatively conservative compared to U.S. dental schools. Furthermore, there was no consensus on posterior resin composite preparation techniques or contraindications among Canadian and U.S. dental schools.



**Dr. Youssef Sedky**  
BDS, MSc, PhD

## **Laser Facilitated Orthodontics: Boosting SMILES**

🕒 **15:15 - 16:00**

Dental laser is an emerging technology that has proved its powerful benefits as an adjunct technology serving alongside all dental disciplines. In orthodontics, besides reaching a stable functional occlusion the optimal goal is patient satisfaction. In this presentation we will discuss how dental laser can enhance the patient smile through different clinical cases highlighting its effect on pink and white esthetics and reviewing the latest evidence.





**Prof. Hom-Lay Wang**  
DDS, MSD, PhD

## **Use of Dental Laser for the Management of Periodontitis and Peri-implantitis**

🕒 **16:00 - 16:45**

Dental lasers have emerged as an adjunct tool in the management of periodontal diseases as well as peri-implant related diseases. This presentation highlights an overview of laser technology and the differences among various lasers, presents current evidence and understanding related to these dental lasers. Specifically, the participant will learn how to properly use dental lasers for the treatment of different periodontal diseases and peri-implant diseases (e.g., Peri-implant mucositis and peri-implantitis). In addition, EP-DDS (Etiology identification, Primary wound closure, De-graule granulomatous tissues, De-contamination of infected implant surface using dental lasers and Space maintenance and Stability of the wound) treatment protocol for the predictable regeneration of infraosseous peri-implant will be illustrated.



**Dr. Saleh Alghabban**

BDS, MSc, PhD

## **Less Invasive Technique for the Management of A-V Malformation Using Medium Coagulative Laser Wavelengths**

🕒 **16:45 - 17:30**

Vascular lesion may occur in the oral and maxillofacial region including gingiva, palatal mucosa, lips, jawbone, and salivary glands. They are a common vascular tumor, macular or raised, that often congenital or might be raised in the neonatal period and usually resolve progressively in childhood.

Laser tissue interaction varies according to the structures of the tissues. What is known as haemangioma or arterio-venous (A-V) malformation is full of haemoglobin which is the chromophore for different laser wavelengths. Neodymium: yttrium-aluminum-garnet (Nd:YAG) laser at the wavelength of 1064 nm and diode laser at the wavelengths of 980 nm or 810 nm are highly absorbed by haemoglobin.

Haemangiomas can be treated using surgical excision, intralesional injection of fibrosing agents, interferon  $\alpha$ -2b, radiation, electrocoagulation, cryosurgery, embolization, and laser which has high success rate and less invasive.

At Medicolase Centre, different type of lasers was used for different patients with A-V Malformation. The defocusing mode and interstitial technique are very useful way of management for all sizes of haemangioma in the oral cavity that can be treated under local anaesthesia for adult patients or under general anaesthesia for children in a very short time. Follow up varies from 15 years to 1 year for all patients.

**Conclusion:** Medium coagulative lasers are less destruction tools with high success rate. In addition, management can be done in few minutes and under local anaesthesia or sedation for children.

# CONFERENCE ABSTRACTS

## DAY 3

20 January 2024, Thursday

**RADISSON BLU HOTEL,  
HALL B**



**Dr. Maria Saadeh**  
DDS, MS, MPH, PhD

## **The Power and Limitations of Statistics in Dental Research**

🕒 **13:00 - 13:30**

Statistics play a fundamental role in dental research, providing researchers with a powerful toolkit to analyze and interpret data. It is essential to understand both the capabilities and limitations of statistical methods to ensure accurate and meaningful results.

The aim of this presentation is to explore the power and limitations of statistics in dental research, highlighting key concepts and considerations through examples and case studies.

A general review of fundamental statistical concepts is followed by demonstrating the power of statistical methods in detecting patterns and associations, and drawing meaningful conclusions from data. In addition, common drawbacks and misinterpretations, such as the misuse of p-values and overreliance on statistical significance, will be discussed.

By embracing sound statistical practices and understanding the potential pitfalls, researchers can enhance the validity and reliability of their findings, ultimately advancing the field of dental research and promoting evidence-based dentistry.



**Dr. Ali Alenezi**

BDS, MDS, PhD

## **General Guidelines and Practical Points during the Submission Process for Research Articles**

🕒 **13:30 - 14:00**

Following the completion of research work, it is recommended that authors should revise their manuscript thoroughly before starting the submission process. The journal of interest should be selected carefully and be suitable for the type of research conducted. The corresponding author needs to read the “author guidelines” set by the journal.

In addition, some journals prepare special templates that can be used for manuscripts to be submitted. Most journals provide general guidelines to follow. For instance, authors may be requested to provide a concise and specific title that clearly reflects the content of their article. Meanwhile, research articles are expected to be structured to include a description of the purpose of the study, the methodology used, the findings, and conclusions. Authors should be aware of the journal’s estimated time for manuscript processing and review. Some journals request a fee upon accepting papers for publication.

This presentation will discuss some of the main recommendations and practical points that may help authors during the submission process for research articles.



**Dr. Rawa Alharbey**  
BDS, SB-Perio, MPH

## Health Policy Research in Dentistry

🕒 **14:00 - 14:30**

Addressing oral health inequalities is a major public health challenge. Dental teamwork and policy makers all have an important role to play in supporting their patients and populations to improve their oral health. Over the past years our understanding of oral health inequalities has undoubtedly moved forwards but there is still a pressing need for transformative change in policy and practice to address the underlying social, economic and political drivers of inequalities in oral health. At a global policy level, oral health is at a 'tipping point' and there is now a unique window of opportunity for policy change. This presentation will highlight the current status of the common oral diseases, dental workforce and evidence base for effective action to combat oral health inequalities in both clinical and community settings, and call to action to those in healthcare leadership to use the current and rapidly emerging science base related to dental health to inform health policies and address health disparities in oral and systemic health.



**Dr. Arwa Daghrery**

BDS, MS, PhD

## **Oral and Craniofacial Tissues Regeneration – Bioengineering-driven Approaches**

🕒 **14:30 - 15:00**

The last decade has witnessed the emergence of strategies aimed toward the development of more personalized regenerative treatment, particularly those which incorporate 3D bioprinting and bioengineering approaches. New knowledge in the field of biofabrication advances the manufacturing of personalized tissue-specific scaffolds for regeneration and reconstruction of oral and craniofacial tissues. Thus, it allows manufacturing of scaffolds that have the potential to recapitulate native tissue morphology and biomechanics, mimicking tissue specificity, multi-scale transitions, and functional interfaces. This presentation will describe innovative and emerging strategies to engineer personalized and tissue-specific scaffolds for coordinated regeneration of oral and craniofacial tissues.



**Ms. Hanan Tahir**  
BSc-Dental Hygiene

## **Advancing Patient Health: A Multidimensional Approach in Dental Hygiene Care**

🕒 **15:15 - 16:15**

Understanding the significance of a variety of hygiene procedures is essential for Dental Hygienists seeking to provide high-quality care. The aim is to shed light on the importance of a personalized and diverse approach to hygiene care, ultimately empowering practitioners to enhance patient health and well-being. By embracing this multidimensional approach, it includes routine hygiene appointments, initial periodontal assessments, periodontal treatments and maintenance, direct access oral hygiene, etc. Adopting a multifaceted approach enables dental hygienists to effectively manage oral health conditions such as gum disease, caries, and other dental issues, while also promoting preventive measures and patient education.





**Dr. Diaa Almutairi**  
PhD

## **Dental Hygiene's Relation to Dental Public Health**

🕒 **16:15 - 17:15**

Prevention is the backbone of the dental hygiene profession. Oral hygiene is preventative care. Therefore, dental problems such as caries, periodontal diseases, halitosis and other issues are preventable and can be stopped through proper oral hygiene care. Regular dental visits and good oral hygiene are key to preventing dental caries. Other dental treatments, including dental sealants and fluoride rinses, have lowered cavity risk in children and teens.



**Ms. Elaf Alshamrani**

MS in Oral Biology

## **Challenges in Dental Assisting Profession**

🕒 **17:15 - 18:15**

Dental assistants are important members of the dental team as they are employed in every type of dental practice. They are the backbone of a successful dental practice. They support dentists to provide more effective and efficient patient care.<sup>1</sup> In fact, this profession has a long history.

- The History of Dental Assistant
- Education
- The Dental Assistant Profession
- Factors Influence Job Satisfaction
- Job Challenging



# **WORKSHOPS**

**PRE-CONFERENCE, DAY 1, 2, & 3**

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## **PRE-CONFERENCE**

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# What are the Latest Trends and Protocols for Dental Ceramics and Luting Cements Today? “Hands-on”



Wed, January 17, 2024



10:30-18:00



Riyadh International Convention and Exhibition Center



**Dr. Kopikrishna  
Thirunelakandan**  
DMD, PG Cert.

## Learning Objectives:

- All-ceramics material science
- Indications for glass- and oxide ceramics
- Clinical relevance of all-ceramic material selection
- Conservative preparation design for ceramics
- Pre-treatment of the restorative materials and teeth
- Choosing the appropriate luting cement

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# A Restorative Driven Path to Endodontics Excellence “Hands-on”

 Wed, January 17, 2024  09:00-17:30  Riyadh International Convention and Exhibition Center



**Prof. Khaled Balto**  
BDS, DMSc.

## Course Objectives:

- Discuss the biologic science behind predictable success in non-surgical root canal treatment
- Understand how advancements in metallurgy and instrument design have been combined to create a shaping system which adheres to a philosophy focused on dentin preservation
- Understand the concept of pericervical dentin conservation
- Understand the attributes of various irrigating solutions and advanced delivery and activation tools which take advantage of recent material advancements to combat bacteria
- Discuss the fundamentals of the dental operating microscope.
- Realize the merits of working under magnification and illumination

Sponsored by:



# Aesthetic Dental Photography: Your Influence on Social Media “Hands-on”

 Wed, January 17, 2024  09:00-17:30  Riyadh International Convention and Exhibition Center



**Dr. Albaraa Makhdom**  
BDS, SBRD



**Dr. Mohammed Alostaz**  
BDS, MS

## Course Objectives:

- To be able to correlate photography and dentistry.
- To know the equipment needed, camera settings and lights required.
- To be able to document your cases professionally and artistically (AACD and Saudi Board).
- To be capable of manage your social media accounts.
- To know how to edit your photo for your social media accounts.
- To be able to lunch a monetized sponsored post on your social media accounts.

# Esthetic Options and Innovations in Pediatric Dentistry

## “Hands-on”

 Wed, January 17, 2024  09:00-17:30  Riyadh International Convention and Exhibition Center



**Dr. Hassan Halawany**  
BDS, MPH, MS, MHSA,  
DrPH

### Course Objectives:

- How to manage vital pulp therapy, case selection through appropriate diagnosis and treatment planning.
- The principles and techniques for performing pulpotomies in primary teeth using Bio Ceramic Materials
- The theoretical and practical knowledge necessary to master working with Preveneered, Zirconia, and BioFlex Crowns in Pediatric Dentistry.
- The clinical skills required to successfully perform full mouth, primary teeth restorations with esthetic Crowns.
- Identification of the common clinical issues involved with Preveneered, zirconia, and BioFlex crowns in primary teeth.

Sponsored by:



# Step-by-step guide to practice modern implant dentistry. “Hands-on”

 Wed, January 17, 2024  09:00 - 12:00  Riyadh International Convention and Exhibition Center



**Dr. Ammar Mahfouz**  
BDS, SBARD, SFID

## Course Objectives:

### 1. Surgical part:

A. Minimize the drilling sequence by utilizing a unique implant version (designed for immediate placement of soft-density bone).

B. Be familiar with the specific surgical guide kit and explain the extra guide tools in the surgical kit, why they are needed, and how we apply them.

### 2. Restorative part:

A. Demonstrate and understand both conventional and digital restorative accessories.

B. Introduce intra-oral scanning techniques and perform intra-oral scans in both models and real people (candidates could arrange themselves as pairs and practice on each other).

C. Applying the classical and digital implications to simulate the variation between them

D. Presentation of a case as a model to elaborate a complete process step by step from the first visit until the final visit by a modern classical workflow in the clinic.

Sponsored by:





# BOTOX- Beyond Cosmetic Utility: The Therapeutic Indications for Botulinum Toxins in the Dental Clinics

## “Hands-on”

 Wed, January 17, 2024  09:00 - 12:00  Radisson Blu Hotel, RICEC



**Dr. Arwa Farag**  
BDS, DMSc.

### Course Objectives:

- Understand the molecular structure, pharmaco-kinetics, and mechanism of action of botulinum toxin A.
- Determine the therapeutic indications of botulinum toxins encountered at the dental clinics such as bruxism/ clenching due to masticatory muscles hyperactivity, facial palsy, and tardive dyskinesia.
- Review the essential head and neck anatomical structures to ensure safe clinical practice.
- Learn the best handling, storage, and reconstitution requirements for the botulinum toxin and to Practice safe and accurate injection techniques
- Recognize and manage the side effects related to botulinum toxin injections.

Sponsored by:



# Bonded Veneers Restorations: An Update Based on Scientific Evidence “Hands-on”

 Wed, January 17, 2024  13:00 - 16:00  Riyadh International Convention and Exhibition Center



**Dr. Mayyadah  
Almozainy**  
BDS, MS, SBARD

## Course Objectives:

- Differentiate modern ceramic materials and their indications.
- Comprehend clinical guidelines for long-lasting resin-bonded esthetic restorations for laminate veneers
- Optimize preparation designs on veneers and provisionalization.
- Practice cementation and resin bonded principles.

Sponsored by:



# Embracing a new era in periodontal therapy

 **Wed, January 17, 2024**  **09:00 - 17:30**  **Radisson Blu Hotel, RICEC**



**Ms. Hanan Tahir**  
BSc-Dental Hygiene

## Course Objectives:

- Learn on the correct recommendations for AIRFLOW MAX, PERIOFLOW & PIEZON, PS/PI MAX.
- Understand the use of AIRFLOWING with respect to safety, efficiency, and comfort.
- Learn how to manipulate PERIOFLOW around natural teeth and implants
- Learn on aerosol management during GBT
- Understand the ergonomics and ease in implementation of GBT.
- Learn all the tips and tricks on maintenance of Air Flow Prophylaxis Powder

Sponsored by:





# **WORKSHOPS**

**PRE-CONFERENCE, DAY 1, 2, & 3**

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## **DAY 1**

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# Orthognathic Surgery: Planning Course “Hands-on”

 **Thu, January 18, 2024**  **13:00 - 17:00**  **Radisson Blu Hotel, RICEC**



**Prof. Altan Varol**  
DDS, PhD

## Course Objectives:

- To provide concept of diagnosing and planning dentofacial deformities
- To provide surgical tips and teach management of intraoperative obstacles in orthognathic surgery



**Dr. Serkan Sağır**  
DDS, PhD

# Revolutionizing Implant Dentistry: Digital Advancements in Implantology “Hands-on”

 **Thu, January 18, 2024**  **09:00 - 17:30**  **Riyadh International Convention and Exhibition Center**



**Dr. Abdelrahman Khalaf**  
BDS, MS, PhD

## Course Objectives:

- Virtually treatment plan your implant cases and how to utilize fully guided technique in your daily practice
- Understand all the steps of designing and fabrication of implant interim and final prosthesis



**Dr. Kirollos Hany**  
BDS

Sponsored by:



# Laser in Oro-facial, pedo-ortho and general dentistry practices “Hands-on”

 **Thu, January 18, 2024**  **09:00 - 17:30**  **Riyadh International Convention and Exhibition Center**



**Dr. Saleh Alghabban**  
BDS, MSc, PhD



**Dr. Youssef Sedky**  
BDS, MSc, PhD

## Course Objectives:

- Understand the basics of laser treatments, laser physics and laser tissue interactions
- Learn about the laser safety and how to properly achieve clinical laser applications
- Understand laser interaction in living tissue
- Understand laser biophysics
- How lasers use in dentistry
- Use of laser with safety for patient and dental team
- Participant in this course will be able to start use laser in simple cases and with safety

Sponsored by:



# Successful and Predictable Direct Anterior Esthetic Composite Veneer

## “Hands-on”

 Thu, January 18, 2024  09:00 - 15:00  NAJ



**Prof. Hans Malmstrom**  
DDS

### Course Objectives:

- An improved understanding about different types of composite materials and dental adhesives
- Knowledge of how to select composite resin materials for different indications
- How to use tints to improve esthetics
- Improved skills of how to restore an anterior restoration using a template, layering techniques including recreating translucency in the incisal area, polishing and finishing to develop an excellent esthetic outcome.

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**ivoclar**



# iTOP – Individual Training Oral Prophylaxis (Introductory Level)



Thu, January 18, 2024



09:00 - 16:30



Riyadh International Convention and Exhibition Center



**Prof. Isabel Lizán**  
DDS, MPH, PhD

## Course Objectives:

- Update role of oral hygiene in the prevention of oral diseases and general health
- Outline an effective oral hygiene habit that respects the oral environment
- Improve communication skills with the patients to achieve better cooperation in maintaining their oral health

Sponsored by:



# Autogenous Block Grafts in Implant Dentistry

## “Hands-on”

 **Thu, January 18, 2024**  **09:00 - 17:30**  **Riyadh International Convention and Exhibition Center**



**Prof. Arwa Alsayed**  
BDS, MS, MSc, MCD

### Course Objectives:

- To show the different types of augmentation procedures in Periodontal and implant therapies.
- To discuss in details the importance of autogenous block grafts
- To show the essential types of autogenous block grafts
- To teach the participants the techniques of Symphyseal and retromolar grafts
- To show the possible complications of each technique

Sponsored by:

*Medical Company*  
**BioDent**

# Craniofacial Surgery Principles in Treatment Planning

## Complex Cases “Hands-on”



Thu, January 18, 2024



09:00 - 12:00



Radisson Blu Hotel, RICEC



**Dr. Victoria Palermo**  
MD, DDS

### Course Objectives:

- To show the different types of augmentation procedures in Periodontal and implant therapies.
- To discuss in details the importance of autogenous block grafts
- To show the essential types of autogenous block grafts
- To teach the participants the techniques of Symphyseal and retromolar grafts
- To show the possible complications of each technique

# Conservative shaping of the root canal systems without compromising the irrigation and obturation

 **Thu, January 18, 2024**  **09:00 - 12:00**  **Riyadh International Convention and Exhibition Center**



**Prof. Cesar De Gregorio**  
DDS

## Course Objectives:

- To understand the importance of the dentin preservation during the shaping of a root canal system.
- To know the impact of the alloy and file's design on the mechanical behavior of different systems.
- To improve the decision making when facing the shaping in complex cases.
- To review the main features and design of the Protaper Ultimate System.

Sponsored by:



# Managing Medical Emergencies in the Dental Clinics? “Hands-on”



Thu, January 18, 2024



13:00 - 16:00



Riyadh International Convention and Exhibition Center



**Dr. Tim Hodgson**  
FDS (OM) RCS FRCP



**Prof. Rícheal Ní Ríordáin**  
MBBS, BDS, MA (Higher Ed), PhD, MFD, FFD, FDS(OM)

## Course Objectives:

- Review the underlying conditions and existing risk factors that may increase susceptibility to medical emergencies during dental treatment.
- Recognize the alarming signs of medical emergencies.
- Familiarize with the most updated preventive and management guidelines for those medical emergencies.

# Sleep Disordered Breathing in Pediatric Patients – The Role of the Oral Health Provider

 **Thu, January 18, 2024**  **13:00 - 16:00**  **Radisson Blu Hotel, RICEC**



**Prof. Carlos Flores-Mir**  
DDS, DSc, FRCD(C)

## Course Objectives:

- To understand the importance of the dentin preservation
- Inform the attendees about their potential role in screening and referring their pediatric patients at high-risk for Obstructive Sleep Apnea (OSA)
- Inform the attendees about the potential and limitations of static imaging in assessing potential obstruction craniofacial areas
- Inform the attendees about the potential and limitations of craniofacial orthodontic interventions in interdisciplinary management of pediatric OSA



# **WORKSHOPS**

**PRE-CONFERENCE, DAY 1, 2, & 3**

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## **DAY 2**

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# DIRECT VENEERS: Free Hands Artistry and 3D Guided Injection Technique “Hands-on”



Fri, January 19, 2024



09:00 - 17:00



Riyadh International Convention and Exhibition Center



**Dr. Ahmed El Sayed**

BDS, DDS, DMS, MSc, PhD,  
FDSRCS

## Course Objectives:

- Indications of direct veneers and Indirect veneers
- Smile design, Smile Analysis and planning for each case.
- The current materials available for each technique.
- Monochromatic, bichromatic, polychromatic layering and 3D guided injection technique.
- Form and shade analysis and reproduction.
- Veneers customization according to the person, face, contra-laterals with high control.

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# Digitally Driven Smile Makeover “Hands-on”



Fri, January 19, 2024



09:00 - 17:30



Riyadh International Convention and Exhibition Center



**Dr. Alessandro Agnini**  
DDS



**Dr. Andrea Agnini**  
DDS

## Course Objectives:

- To describe the novel concepts for treatment planning and execution in the digital era.
- To design, present, communicate, perform, deliver and maintain a smile makeover restoration using interdisciplinary treatment plan is simply done by using digital technology. from the diagnostic mock up to the final restoration.
- Controlling the geometry provides freedom for the practitioner to develop a restorative digital plan that can be followed throughout the patient's treatment.
- New ceramic materials used with computer assisted techniques have considerably enhanced the dental team choice and the results that can be achieved

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# Pterygoid and Zygomatic Implants “Hands-on”



Fri, January 19, 2024



09:00 - 17:30



Riyadh International Convention and Exhibition Center



**Dr. Matteo Giorgi**  
DDS

## Course Objectives:

- Management of the most challenging cases, especially in the atrophic maxilla
- Increase your treatment options in cases of moderate and severe bone resorption
- To treat more patients with immediate full arch protocol by using pterygoids and zygomatic implants

Sponsored by:



# Immediacy Protocols of Dental Implants in the Digital Era: How to improve our Patient's Quality of Life “Hands-on”



Fri, January 19, 2024



13:00 - 19:00



Radisson Blu Hotel, RICEC



**Dr. Paolo Casentini**  
DDS



**Dr. Sergio Piano**  
DDS

## Course Objectives:

- To understand indications, contra-indications and benefits of immediacy protocols
- To learn surgical & prosthetic tips and tricks and how to apply in immediacy protocols.
- To learn how to plan computer-guided implant surgery with a specific software in different clinical situations.
- To understand soft tissue management in immediacy protocols
- To understand the role of the Dental Technician.

Sponsored by:



# Modern Surgical Microendodontics “Hands-on”



Fri, January 19, 2024



09:00 - 17:30



Riyadh International Convention and Exhibition Center



**Prof. Damiano  
Pasqualini**  
DDS

## Course Objectives:

(ON 3D PRINTED MODELS WITH CBCT SCANS)

- The role of equipment and microsurgical techniques
- Step by step procedure and how to use the instruments.
- The advantages of innovation in instrument design and alloy.

Sponsored by:



# Child-Friendly Dentistry: From Behaviour Management to Restorative Techniques



Fri, January 19, 2024



13:00 - 16:00



Riyadh International Convention and Exhibition Center



**Dr. Antonio Pedro  
Silva**  
DDS

## Course Objectives:

- Understand Major concepts about behaviour management such as the Structure of the Cognitive behavioural Intervention with Children and the techniques.
- Learn about Roogies App and how to use it for behaviour management.
- Understand the decision-making process: non-Pharmacological Vs Pharmacological Behavior Management.
- Learn about Different Non-Invasive or Minimal Invasive Techniques and their scientific Evidence such as: SDF, SMART or the Hall Technique
- Inform about the innovation and the stage of development of: Dr. Roogies Tooth Hoodies: White, Custom-made, ultra-thin, flexible Hall Crowns.

# Facing Oral Cancer and Saving Lives!! “Hands-on”

 **Fri, January 19, 2024**  **13:00 - 16:00**  **Radisson Blu Hotel, RICEC**



**Dr. Alexander Kerr**  
DDS, MSD



**Prof. Giovanni Lodi**  
PhD

## Course Objectives:

- Familiarize with the contemporary classification of OSCC and OPMDs.
- Understand how comprehensive demographic, biologic, and clinical data may aid in risk assessment and mitigation of OSCC and OPMDs
- Refine the techniques of examining the oral cavity to identifying potentially concerning features.
- Appreciate the gold standard diagnostic modality for SCC and OPMDs and learn about the other available diagnostic aids.

Sponsored by:



# Saliva: The Magic Potion “Hands-on”



Fri, January 19, 2024



09:00 - 12:00



Radisson Blu Hotel, RICEC



**Dr. Siri Beier Jensen**  
DDS, PhD

## Course Objectives:

- Review the underlying conditions/causalities leading to hyposalivation and recognize its negative consequences if left untreated.
- Practice the detection/diagnostic methods for confirming hyposalivation.
- Familiarize with the most updated preventive and management approaches to help patients with hyposalivation.

Sponsored by:



# (2-day Course) Day 1: Advanced Treatment of Complex Orthodontic Cases Using Clear Aligners and Photobiomodulation “Hands-on”



Fri, January 19, 2024



09:00 - 15:00



Riyadh International Convention and Exhibition Center



## **Prof. Tarek El Bialy**

PhD, EMBA, Dr. Med. Dent.  
ABO, FRCED(C)

### **Course Objectives:**

- Detailed comprehensive and systematic approach to treat complex orthodontic cases including severe crowding, Class II, Class III, deep bite, open bite, TMD cases, interdisciplinary cases and cases with facial asymmetry using clear aligners and photobiomodulation.
- The utilization of contemporary technologies to ensure clear diagnosis and treatment planning.
- Highlight what works and what does not work with clear aligners
- Why as well as how to mitigate issues that interferes with aligners treatment outcome.



# Hypoglossal Nerve Stimulator

Fri, January 19, 2024



09:00 - 12:00



Radisson Blu Hotel, RICEC



**Dr. Ketan Patel**  
DDS, PhD

## Course Objectives:

- Use of Hypoglossal Nerve Stimulator for Management of Obstructive Sleep Apnea
- Review Indications and Contraindications for Stimulator therapy
- Review Pertinent anatomy of hypoglossal nerve and chest wall
- Review placement of Nerve Stimulator
- Other Indications for Nerve Stimulator therapy



# **WORKSHOPS**

**PRE-CONFERENCE, DAY 1, 2, & 3**

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## **DAY 3**

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# (2-day Course) Day 2: Advanced Treatment of Complex Orthodontic Cases Using Clear Aligners and Photobiomodulation “Hands-on”



Sat, January 20, 2024



09:00 - 17:30



Riyadh International Convention and Exhibition Center



## **Prof. Tarek El Bialy**

PhD, EMBA, Dr. Med. Dent.  
ABO, FRCED(C)

### **Course Objectives:**

- Detailed comprehensive and systematic approach to treat complex orthodontic cases including severe crowding, Class II, Class III, deep bite, open bite, TMD cases, interdisciplinary cases and cases with facial asymmetry using clear aligners and photobiomodulation.
- The utilization of contemporary technologies to ensure clear diagnosis and treatment planning.
- Highlight what works and what does not work with clear aligners
- Why as well as how to mitigate issues that interferes with aligners treatment outcome.

# Exploring the New Technologies on NiTi Files with Thermal Treated Features “Hands-on”

 **Sat, January 20, 2024**  **09:00 - 17:30**  **Riyadh International Convention and Exhibition Center**



**Dr. Gilberto Debelian**  
DMD, PhD

## Course Objectives:

- Understand of the physical and clinical properties of the new NiTi thermal treated files
- The biological advantages of using the 3D NiTi files XP ENDO Rise
- Clinical comparison between Reciprocating, Rotary and the 3D XP Endo file

Sponsored by:



# Successful and Predictable Indirect Anterior Esthetic Porcelain Veneer “Hands-on”

 Sat, January 20, 2024  09:00 - 15:00  NAJ



**Prof. Hans Malmstrom**  
DDS

## Course Objectives:

- Diagnosis, treatment planning, esthetic preview and case presentation of porcelain veneers to the esthetically demanding patient
- Deciding when to prepare and not to prepare the teeth by using a preparation guide to achieve optimal esthetic.
- Shade selection and how to write a detailed laboratory prescription to receive esthetically pleasing porcelain veneers
- Techniques to temporize porcelain veneers
- Best techniques and materials to cement porcelain veneers

Sponsored by:



**ivoclar**

# Oral Diagnosis in the Pediatric Patient: From A to Z (Hybrid)

 **Sat, January 20, 2024**  **09:00 - 17:30**  **Riyadh International Convention and Exhibition Center**



**Prof. Juan Yepes**

DDS, MD, MPH, MS, DrPH

## Course Objectives:

- Up-to-date information regarding the fascinating and emerging field of oral medicine in pediatric dentistry.
- Case-presentation as the learning and discussion format
- Cover the entire spectrum of the most common oral soft tissue lesions in infants, children, and adolescents.
- Discuss the entire spectrum of oral radiology in the pediatric patient as well as dental protocols of medically compromised children

# Soft Tissue Grafting For Natural Teeth and Implant “Hands-on”

 **Sat, January 20, 2024**  **09:00 - 17:30**  **Riyadh International Convention and Exhibition Center**



**Prof. Khalid Al-Hamdan**  
BDS, MS

## Course Objectives:

- Identification and Classifications of Mucogingival defects
- Learn and practice variety of gingival augmentation procedures
- Learn and practice variety of suturing techniques for gingival augmentation

Sponsored by:



# Integrative Approach to The Care of the Cancer Patient With emphasis on the oral, head & neck cancer patient

 **Sat, January 20, 2024**  **09:00 - 17:30**  **Riyadh International Convention and Exhibition Center**



**Dr. Basem Jamal**  
DSc in OMFS

## Course Objectives:

- Recognize the significant additional value of integrative oncology to conventional cancer treatment
- Become familiar with measures and tools that can be used to provide the necessary support to any cancer patient based on the scientific literature



# A Simplified Approach for Guided Bone Regeneration “Hands-on”

 **Sat, January 20, 2024**  **09:00 - 12:00**  **Riyadh International Convention and Exhibition Center**



**Dr. Giorgio Tabanella**  
DDS, MS

## Course Objectives:

- Discuss inadequate facial bone as a common problem that can present itself at any time following extraction and often leads to a more lingual implant placement and an anterior ridge lap restoration.
- Discuss, osseous grafting or regeneration techniques and how both can be time consuming and unpredictable.
- Discuss, presence of a thin plate of facial bone is often all that remains, leading to thread exposure or unpredictable pinkesthetics
- To give participants tips and tricks on how to properly achieve the “buccal bone balcony” by utilizing predictable and minimally invasive techniques with reservable biomaterials.

Sponsored by:



# Microvascular Surgery and Microneurosurgery Principle and Applications “Hands-on”

 **Sat, January 20, 2024**  **09:00 - 17:30**  **Radisson Blu Hotel, RICEC**



**Dr. Roderick Kim**  
DDS, MD, MBA, FACS

## Course Objectives:

Participants are to gain insights into foundational knowledge and skills associated with microvascular and microneuro surgery.

# CURAPROX



SWISS PREMIUM  ORAL CARE

CPS INTERDENTAL BRUSHES

## POWERFUL PREVENTION VERY GENTLE

FEEL THE CONFIDENCE of healthy, happy, good-looking teeth and gums. Probably the finest ever interdental brushes. Cleanliness in the spaces between your teeth is the best foundation for oral health. Gentle and effective cleaning with a single-brush action. Once a day is all it takes. Once in and out. Done.

Following a study into the use of interdental brushes, researcher Professor Denis Bourgeois, of the University of Lyon, said:

"It is necessary to use a toothbrush twice a day and interdental brushes once a day. If you do not do this, you are risking your health." Using Curaprox CPS Prime interdental brushes daily helps to prevent cavities, gingivitis and periodontitis - and even heart and systemic diseases.



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colour coded  
for CPS prime



# EXHIBITORS PROFILES

Category	Company name	Booth #
MAIN	Alhamaed Medical Co. CURAPROX	C01
Lead	Dr. Abdulaziz AlAjaji Dental Polyclinics	F01
Lead	Colgate-Palmolive Arabia LTD	G01
Diamond	Kafou Dent Medical Company	C05
Diamond	Thimar Aljazirah	E01
Diamond	Medical and Pharmaceutical Services	D01
Diamond	Samir Trading & Marketing - CJSC	D03
Diamond	Sigal World for Medical Services	E03
Diamond	Toothpick Trading Establishment	A01
Diamond	Al-Turki Medical Group	H01
Diamond	Al Jeel Medical & Trading Co. Ltd - 3M	B03
Diamond	Oral-B	B01
Platinum	Arabiaterk	C03
Platinum	Farouk & Maamoun Tamer	G03
Platinum	Dentium Company	F03
Platinum	Global Specialties for Trading GSMS	A03
Gold+	Medical Palace	F05
Gold+	Shofu Company	F06
Gold+	FlashMed Co.	H03
Gold	Masar Medical Co.	H06
Gold	Medical Vision Est	G05
Gold	Modern Digital Company	H05
Gold	Commercial & Maintenance For Technical Equipment (COMATE)	A05
Gold	Medicine Wing Co.	A06
Gold	Layan Medical Company	G06
Gold	Alrazi Medical Supplies	B04
Gold	Ahmed Abdulwahed Abdullah Anam and Partners Trading Co.	B06
Gold	Basmat Almustaqbal Trade Est.	H04
Silver	Amjad Medical Company	32
Silver	BioDent Medical Company	H07
Silver	Cattani Middle East Trading Est	H08
Silver	Masa Medical Trading	31
Silver	Abdulrehman Alsogaibi GTC	A08, B07
Silver	Zey Trading Company	A07
Silver	Dynamic Solutions	D07
Silver	Asnan Medical Company	29

Category	Company name	Booth #
Silver	Diamond Dent Trading Establishment	E07
Bronze	Al Yarmuk Modern Factory	C07
Bronze	Arabian Khwarezm Commercial Company	C10
Bronze	Laser for Dental & Cosmetics Co.	C08
Bronze	Fanta Company	F09
Bronze	Eighteeth Company	F08
Bronze	Zumax Company	F10
Bronze	Medit Company	F07
Bronze	Arma Trading Company	C09
Bronze	Abdul Raouf Ibrahim Batterjee & Brothers Company	13
Bronze	Ataa International Trading Co.	17
Bronze	Runyes Medical Instrument Co. Ltd	9
Bronze	Dental Kingdom Company	15
Exhibitor	Ashnan Medical Est	B08
Exhibitor	Charismatic Dental Laboratory	26
Exhibitor	Arabian Trade House	D09
Exhibitor	Amasi Al Tamaioz for Trading Company	G09
Exhibitor	Modern Roots Trading Company	G10
Exhibitor	DTC Dental USA LTD	27
Exhibitor	Universe International Trading Est	E09
Exhibitor	Forty-Two Medical Company	B09
Exhibitor	Smile with Confidence SWC	B10
Exhibitor	PBM Healing International Limited	E10
Exhibitor	Invisalign MEA DMCC	D10
Exhibitor	Global Marketer Trading Company	28
Exhibitor	Smile Agents	G07
Exhibitor	The Excellence Center	G08
Exhibitor	Al Mira Centre for Trading Co. LTD	25
Exhibitor	Exam Vision MEA	14
Exhibitor	Dent Stores Trading Establishment	11
Exhibitor	College of Medicine and Dentistry LTD	21
Exhibitor	Ghaith Executive Company Limited	19
Exhibitor	Maleen Health Training Center	20
Exhibitor	GPS International Dental Company	24
Exhibitor	Comprehensive International Group (CI Group)	22
Exhibitor	Al Rowad Medical Technology CO	23







## **Stand No: C01**

At Curaden, our vision is clear and resolute – to lead the way as the world’s foremost provider of holistic oral health solutions, all while embracing the tenets of prevention. We firmly believe that true overall health begins with a healthy mouth. Guided by this mission, we’re dedicated to creating a happier, healthier society through a revolution in oral self-care.

**[www.curaprox.com](http://www.curaprox.com)**



# CURAPROX

## INCREDIBLY GENTLE, BETTER RESULTS

HYDROSONIC  
PRO

SWISS PREMIUM ORAL CARE 

### Help! Oral health – the fab four

The Hydrosonic pro helps all your patients. It strengthens oral health both with everyday prevention and where careful care is required.

**The sulcus:** Needs gentle, effective care to prevent gingivitis. Ultra-fine filaments and rapid movement reliably remove bacteria from the sulcus and clean without injury.

**Implants:** The compact brush heads clean hard-to-reach places around implants and fixed prostheses. The Single brush head – for tooth-by-tooth and gumline brushing – gives your patients the best prevention against peri-implantitis.

**Ortho:** The Hydrosonic pro reaches the critical areas with the highest risk of plaque – contact points between teeth and braces, brackets or retainers... and cleans gently and efficiently.

**Prevention:** Your patients can enjoy exceptional prevention as part of their daily oral health routine... whether they have dental problems or not. The full, gentle power of sonic technology and hydrodynamics cleans thoroughly and cares for the gums, teeth and sulcus... for that professionally cleaned feeling.



# CURAPROX



SWISS PREMIUM   
ORAL CARE

## NATURALLY IMPROVED

### HELP YOUR PATIENTS TO FEEL SAFE AND SECURE WITH THE UNIQUE 'PERIO PLUS' FORMULA

scientifically proven to be more effective against  
biofilm than pure CHX

With solutions for both short and long-term use, 'Perio plus' products are ideal for preventing the build-up of plaque before and after dental treatment. 'Perio plus' also supports the treatment of chronic inflammation and provides an effective solution for patients with increased risk of periodontal disease.

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### THE COMBINED STRENGTH OF ALL THE INGREDIENTS IN THIS ALCOHOL-FREE FORMULA REDUCES THE RISK OF INFECTION ENSURING:

- An enhanced effect against a wide range of microorganisms
  - Reduced taste disturbance
  - Pleasant taste and minimized staining compared to pure CHX
-



Dental Polyclinic مجمع عيادات  
د. عبدالعزيز العجاجة  
DR ABDULAZIZ ALAJAJI



## Stand no: F01

Being the first authorized dental clinic and the leader of dentistry in the kingdom of Saudi Arabia for more than a decade, ADC has gained substantial knowledge throughout all dentistry fields all the way to the top of this industry, ADC today, provides enormous selection of dentistry services and products following the highest standards of modern dentistry in a way that was a never experienced in the kingdom of Saudi Arabia and in many cases among the entire middle east Being the first authorized dental clinic and the leader of dentistry in the kingdom of Saudi Arabia for more than a decade, ADC has gained substantial knowledge throughout all dentistry fields all the way to the top of this industry, ADC today, provides enormous selection of dentistry services and products following the highest standards of modern dentistry in a way that was a never experienced in the kingdom of Saudi Arabia and in many cases among the entire middle east.

[www.alajajidental.com](http://www.alajajidental.com)



Never Underestimate  
the power of **the past**

*Al-Ajaji Museum*

www.alajajidental.com

د. عبد المجيد العجايجي  
DR. ABDULMAJID AL-AJAJI



READ MORE



## Stand no: G01

Colgate-Palmolive Company is a caring, innovative growth company reimagining a healthier future for all people, their pets and our planet. Focused on Oral Care, Personal Care, Home Care and Pet Nutrition and reaching more than 200 countries and territories, Colgate teams are developing and selling health and hygiene products and pet nutrition offerings essential to society through brands such as Colgate, Palmolive, elmex, meridol, Tom's of Maine, hello, Sorriso, Speed Stick, Softsoap, Irish Spring, Protex, Sanex, Filorga, eltaMD, PCA Skin, Ajax, Axion, Fabuloso, Soupline and Suavitel, as well as Hill's Science Diet and Hill's Prescription Diet. Colgate seeks to deliver sustainable, profitable growth and superior shareholder returns and to provide Colgate people with an innovative and inclusive work environment. Colgate does this by developing and selling products globally that make people's lives healthier and more enjoyable and by embracing its sustainability, diversity, equity and inclusion and social responsibility strategies across the organization.

[www.colgate.com](http://www.colgate.com)



## Stand no: C05

KAFOU DENT Corporation, Division of KAFOU GROUP, headquartered in Riyadh, Saudi Arabia, We are Kingdom's exclusive agent for several Dental Manufacturers brands. is a supplier of Dental Materials and Equipment's covering most of dental field. Kafou Dent products, ranging from Diagnosis, Preventive, Restorative, Periodontal to Implant & Maxillo-facial Surgery and Digital Dentistry.

[www.kafoudent.com](http://www.kafoudent.com)



## Stand no: E01

Thimar Aljazirah Co. (TAC) is one of the leading healthcare distributors in the Pharmaceutical, Medical and Dental industries within the kingdom of Saudi Arabia. TAC represents well-known international companies to offer the healthcare providers with state-of-the-art solutions and technologies coupled with high quality services. Over the past three decades, precisely since its establishment in 1980, TAC has grown to be one of the leading Saudi companies through its global partners who are worldwide market leaders in their segments. The global partners predominantly emerged from North American and European countries with footprints across the globe. Our commitment to be a leading and preferred healthcare distributor in the market through value-centered business practices, our strategically-selected global partners, and care- oriented approach towards our clients can significantly impact the bigger picture of healthcare in the region. Thimar Aljazirah Co. has special areas of focus within the healthcare market including Dental, Cardiac, Respiratory, Healthcare Supplies and Clinical Solutions, Pharmaceuticals, Laboratory and Nutrition. The company's sustainable growth is substantiated by a committed management team, a dedicated and savvy salesforce, a qualified and well-trained services team, and healthy and diversified portfolio of products supported by solid regulatory affairs unit, services and quality management practice, an efficient and agile supply chain, and an integrated ICT infrastructure. TAC has been always keen on building and sustaining successful relationships with all stakeholders by maintaining transparency and trust, listening to the customers in an attempt to meet and exceed their expectations, developing employees and creating a healthy, rewarding environment, and committing to the community as an imperative responsibility. Headquartered in Riyadh - Central Region, TAC operates across the kingdom with a branch in Jeddah to cover the Western and Southern Regions in addition to a branch in Dammam to take care of Eastern and Northern Regions in addition to the four current showrooms. TAC expansion plans for 2016 includes better outreach to other areas.

**[www.thimar.com](http://www.thimar.com)**



## Stand no: D01

Our journey began in 1981 by establishing a company that provides high quality solutions for dentists and dental institutions, in times when the dental business was not given the proper care. The improvement of human life is our mission and we put it at the topmost of our activities. We aim to position MPS as a brand name of trust across the GCC health community, providing customers with the best and selected products without extending false claims or unmet promises. We constantly work on finding the exact correct choice of products that will help us implement our mission.

[www.bashirco.com.sa](http://www.bashirco.com.sa)



**Ormco**  
YOUR PRACTICE. OUR PRIORITY.

**Belmont**

**Dentsply  
Sirona**

**NSK**  
Create it

**ivoclar**

**MORITA**

**DÜRR  
DENTAL**

**AMANN  
GIRRBACH**

**PHILIPS  
ZOOM!**

**BEGO**

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**MELAG**  
competence in hygiene



**mps**

**Medical & Pharmaceutical Services**

Bashir Shakib Al-Jabri & Co. Ltd.

**VATECH**  
VATECH Global

**GLOBAL**  
SURGICAL CORPORATION

**DOCTOR  
SMILE**  
INNOVATION HAS A NAME

**neoss**

**acteon**

**Renfert**

**LEIBINGER  
L-DENT**

**MAJOR**

**Sure-endo**

**VertexDental**

**tre  
t**



## **Stand no: D03**

SAMIR Established in 1953 by Mr. Hamed Mahmoud Al-Hindi, as a leading Sales and Marketing Company, it evolved over the years from the iconic Studio SAMIR to the ever-expanding Samir Trading & Marketing Company. The company represents world renowned, multinational brands that are leaders in their fields, offering a wide range of products and solutions. From Medical and Health Imaging and Clinical Laboratory Equipment to Dental and Therapeutics & Diagnostics technology. Picture Archiving and Communication Systems and high-volume printers, large format scanners. As well as audio-visual educational products, conference room projectors, and AV control rooms. In addition to a number of consumer products and appliances.

**[www.samirgroup.com](http://www.samirgroup.com)**



**Stand no: E03**

**[www.sigalclinics.com](http://www.sigalclinics.com)**



## **Stand no: A01**

Toothpick is the largest dental marketplace in the MENA region, operating in 4 countries and expanding rapidly with multi-million dollar investments, with the aim of digitizing the field of dentistry. Founded in 2018, Toothpick operates in the UAE, Qatar, Egypt and Lebanon, and is expanding to Saudi Arabia and Kuwait to be the one stop shop for the dentists with the unique market place and finance solution being provided.

**[toothpickapp.com](https://toothpickapp.com)**

## **Toothpick: Revolutionizing Healthcare Ecosystem**

### *Toothpick - Bridging **Healthcare, Fintech, and Marketplace***

#### *Innovative Solutions for Patients, Clinics, and Distributors*

Toothpick, a groundbreaking Healthtech company, transforms healthcare by integrating Fintech and Marketplace solutions. Its platform caters to dental patients, clinics, and distributors, offering services like Toothpay and Medcom. Toothpick's commitment to holistic Healthtech is evident through its E-commerce Marketplace and advanced licensing technology for clinics.

#### *Strategic Leadership and Partnerships*

Dynamic leadership and partnerships with major financial and healthcare institutions, underscore Toothpick's commitment to industry excellence. Collaborations with governmental ecosystems and various stakeholders showcase a transformative, collaborative approach.

#### *Global Expansion and Future Endeavors*

With a robust team and strategic partnerships, Toothpick, already operating in Lebanon, Egypt, UAE and Qatar is expanding to KSA, and Kuwait markets. Ambitious plans to enter the USA and Germany markets by 2024-2025 demonstrate Toothpick's commitment to global presence and delivering innovative solutions.

## **Financial Revolution in Healthcare - Toothpay and Medcom**

### *Empowering Patients and Clinics*

#### **Toothpay - Financing Health for Thousands**

Toothpick's BNPL service, Toothpay, positions the company as a significant player in providing Patient Finance Solutions. In collaboration with Fintech leaders, Toothpay has financed thousands of patients across clinics in the GCC region

### ***Medcom - A One-Stop B2B Finance Solution***

Medcom, Toothpick's B2B Finance Service, witnesses remarkable monthly growth, connecting distributors and clinics. The service offers comprehensive B2C and B2B Finance, and Toothpick's procurement management services demonstrate a commitment to integrated financial services.

### ***Healthtech - Step Into The Future***

Every Clinic will have the opportunity to have their own App and website customized and configured upon their need, being equipped with technology for the 21st century.

### ***The Visionary Team Behind the Success***

Toothpick's team, including leaders in dental industry, entrepreneurship, project management, and dental-tech, drives the company's strategic direction. With a collective vision and strategic partnerships, Toothpick stands at the forefront of healthcare and Fintech innovation.

### ***Conclusion***

Toothpick, with an impressive track record, visionary team, and strategic partnerships, emerges as a transformative force, redefining healthcare globally through the integration of Fintech and Marketplace solutions.

visit our website <https://toothpick.com> and download the App



**Stand no: H01**



## **Stand no: B03**

Aljeel Medical is the leading healthcare solutions provider in the Kingdom of Saudi Arabia. Over the years, we have partnered with the world's most renowned healthcare companies that offer the best-in-class solutions and finest technology. Through ongoing and sustainable improvements, we can provide solutions that generate significant value for healthcare providers and their patients.

**[www.aljeel.com](http://www.aljeel.com)**





## Stand no: B01

Oral-B is an American brand of oral hygiene products, including toothpastes, toothbrushes, electric toothbrushes, and mouthwashes. The brand has been in business since the invention of the Hutson toothbrush in 1950 and in Redwood City, California.

[www.oralbarabia.com/en](http://www.oralbarabia.com/en)



## Stand no: C03

ArabiaTek is an established Saudi company based in Riyadh Saudi Arabia, strive on delivering a state-of-the-art digital solution for the healthcare industry. • Our consortium of companies including MEMITS Solutions UAE & MEMITS Jordan working together toward comprehensive solutions design and delivery with over decade of proven experience in the healthcare industry. • With focus on the innovation of computerized healthcare records and all integrated solutions around it, our strength comes from our team structured of business consultants supported by information technology professionals. • We provide the latest solutions in the healthcare field by analyzing the market needs through our direct involvement & fast response.

**[www.arabiatek.com](http://www.arabiatek.com)**



# **TAMER**

## Healthcare

**Stand no: G03**

VERVIEW Tamer Group is a leading healthcare, beauty care, prestige products, and fast-moving consumer goods company responding to the growing needs of the Saudi and Middle East communities. The Group's core activities are import, distribution, promotion, marketing and manufacturing.

**[www.tamergroup.com](http://www.tamergroup.com)**



# TAMER

Healthcare



## Kerr™



## ASA DENTAL

MAKE PEOPLE SMILE



## BIOLASE

Advancing Dentistry™





# Dentium

## Stand no: F03

Dentium is globally recognized as a company dedicated to research and development. Dentium began with the manufacturing of high-quality dental implant products and related instruments. Over time, to complement its dental implant systems, Dentium has embarked on developing regenerative materials. Moreover, Dentium has expanded its presence in the field of dentistry by developing and manufacturing lab products (Zirconia Block, Porcelain) and equipment for Digital Dentistry (CAD/CAM System, IOS).

**[globaldentium.com](http://globaldentium.com)**



## Stand no: A03

Welcome to GSMS, a premier provider of cutting-edge medical technologies, collaborating with healthcare professionals across the MENA region. Committed to exceptional service and led by a team of highly skilled professionals, we're set for ambitious expansion in emerging markets. Our vision is to be the preferred MedTech provider in MENA, offering the latest in medical technology. At GSMS, we aspire to transform healthcare with innovation and excellence, positioning ourselves at the forefront of the industry. Our portfolio includes renowned brands such as BioHorizons, Camlog, Henry Schein Orthodontics, Microcare, Stoma, 3 DISC, FUSSEN, and Bein Air. These brands exemplify our commitment to delivering top-tier solutions for medical professionals. Join GSMS in shaping the future of healthcare. Together, let's revolutionize medical practices and elevate care standards in the MENA region.

**[www.gs-ms.com](http://www.gs-ms.com)**



## **Stand no: F05**

Medical Palace is a leading business company in dental equipment and materials Saudi market for more than eight years now.

**[www.medical-palace.net](http://www.medical-palace.net)**



## **Stand no: F06**

HOFU is “Always there” Helping People around the World to Be Healthy and Attractive Turning Traditional Craft Skills to Dentistry Maintaining Our Founder’s Spirit of Venture and Bringing Traditional Craft Techniques to the Field of Dentistry.

**[www.shofu.com/global](http://www.shofu.com/global)**





**Stand no: H03**

**[www.flashmed.net](http://www.flashmed.net)**



## **Stand no: H06**

Masar Medical Co. is one of the well-known dental companies in KSA, as a subsidiary of a famous company Al-Hayat Pharmaceutical Dubai, UAE. Masar Medical Co. is established in 2007. It has Dental and Medical Laboratory divisions. Dental Division started in 2010, Masar Medical have improved remarkably during the past few years since 2010 in sales, supply, installation, operations, maintenance and support of various dental equipment & supplies. We have been actively and aggressively pursuing available business opportunities in the public sector, semi-government and private entities whenever and wherever new and other well-established and valued local customers requires any kind of products and services in the field of dentistry. We cover our business regularities in the whole kingdom. We represent various prominent and reputable international manufacturers, suppliers of dental materials, equipment and medical laboratory.

**[www.masarmedical.net](http://www.masarmedical.net)**



مؤسسة النظرة الطبية للتجارة

Medical Vision Est.

Stand no: G05

MARKET LEADERS IN DENTAL SERVICES, BY PROVIDING RELIABLE, VALUE ADDED SOLUTIONS TO OUR CUSTOMERS, THROUGH THE INTRODUCTION OF NEW TECHNOLOGIES IMPORTED FROM OUR INTERNATIONALLY RENOWNED PARTNERS, TO ACHIEVE THIS VISION, THE BELOW STRATEGIES WILL BE FOLLOWED: STRATEGIC PARTNERSHIPS (WIN-WIN RELATION) ELECTING BEST NEW PRODUCTS PROPER PROMOTION STAFF TRAINING CUSTOMER CONTINUOUS AWARENESS SALES & AFTER SALES SERVICES.

[www.medicalvisionsa.com](http://www.medicalvisionsa.com)



شركة الرقمية الحديثة  
Modern Digital Company

**Stand no: H05**

**[www.mdco.com.sa](http://www.mdco.com.sa)**



## **Stand no: A05**

Comate LTD Was Established in 1989, as A Dental & Medical Supplier Serving Saudi Arabia Health Care Sector Through Office in Riyadh, Jeddah, Dammam.



## Stand no: A06

Medicine Wing Co. is a full-blown healthcare company providing end-to-end turnkey solutions, in both Sales Trading and Maintenance Service. It is one of the healthcare service providers in Saudi Arabia and the Middle East, covering a wide-variety for healthcare and dental products, medical devices & supplies and capital equipment for small & large healthcare institutions.

[www.medicinewing.com/home](http://www.medicinewing.com/home)



**Stand no: G06**



**Stand no: B04**

**[www.alrazimed.com](http://www.alrazimed.com)**





## Stand no: B06

By dealing with the finest brands globally and by becoming Ray Co Ltd Dealer in GCC region, Abdulwahed is supplying the best products and services for placing our trademark and the marks of our partners in the finest form. We are always seeking to create a new way for bringing about superior quality level, to be the leading name for the Saudi medical market, by importing the medical equipment that would hike the Saudi health levels to the highest international standards of know-how, safety and professionalism.

[www.abdulwahedhealthcare.com](http://www.abdulwahedhealthcare.com)



## **Stand no: H04**

DENTA MEDICAL TECHNOLOGY (SHENZHEN) CO., LTD. DENTA Medical Technology (Shenzhen) Co., Ltd. is a professional dental equipment manufacturer integrating R&D, production and marketing. It is located in the special zone “Shenzhen”, an innovative city, one of the three national financial centers in China. The company is committed to the development of the dental industry. We own a core brand “DENTA”, mainly providing dental handpieces, including some other dental instruments, accessories and so on. We always provide customers with good products, technical support and sound after-sales service. Our products find a good sale in all parts of the world, such as Germany, South Korea, Japan, Russia, India, the Middle East, Brazil, Europe, America and Southeast Asia, etc. and won trust and high opinion from customers around the world.

**[www.denta10.co](http://www.denta10.co)**



**Stand no: 32**

**[www.amjadmedical.co](http://www.amjadmedical.co)**



**Stand no: H07**

**[www.bio-dent.net](http://www.bio-dent.net)**



**Stand no: H08**

CATTANI S.P.A Worldwide manufacturer of Dental Vacuum systems and Oil-less Air Compressors.

**[www.cattani.me](http://www.cattani.me)**



## Stand no: 31

Masa medical Foundation is one of the Saudi national institutions established in 1429 hijri (2008). And it concentrated its activities in the field of dental and medical and non-medical furniture and medical furnishing. Masa characterized by Supplying of materials for dental clinics and dental laboratories. It's also officially registered in the SFDA Our services is supply and distribution of equipment and materials for the field of dentistry, Medical and furnished through commercial partnership with a specialized and leading foreign companies in those fields from many countries around the world.

[www.masa-medical.com](http://www.masa-medical.com)



شركة عبد الرحمن القصيبي للتجارة العامة (ذات مسئولية محدودة)  
**ABDULREHMAN ALGOSAIBI G.T.C. (L.L.C)**  
Established 1944

**Stand no: A08, B07**

Dealer for Dental Equipment, Dental Materials & Dental Furniture.

**[www.aralgosaibico.com](http://www.aralgosaibico.com)**



**Stand no: A07**

**Univet Loupes**

**[www.zeymc.com](http://www.zeymc.com)**





**Stand no: D07**



## Stand no: 29

Dentist dental implant system material company composite store shop Restoratives Endodontics Prosthetics Disposable Miscellaneous Orthodontics Anesthetics Burs & Diamonds Carbide Crown & Bridge Finishing & Polishing Gloves Handpieces Impression Materials Infection Control Preventive Brackets Bands Buccal Tubes Elastics Lingual Bone Graft Perio Surgical Alloys Articulating Cements & Liners Rubber Dam Matrix Rotary Cotton Absorbent Points Broaches Reamers Gutta Percha Pins Posts Sealers Temporary Filling Periodontics Implantology Prosthodontics Restorative dentistry Pediatric Radiology Orthodontics.

[www.asnan.com.sa](http://www.asnan.com.sa)



## Stand no: E07

The Diamond Dent Trading Establishment The emerging DD provides sales leads from the renowned dental manufacturer companies inside KSA. In providing the best quality, we are partners in improving the oral health of everyone. We established longer and closer working relationships with our clients and supplier not only provide immediate and reliable service but to continually exceed expectations and goals. DD focus is to foster growth and promote enduring business ties with its client. Customer responsiveness and commitment is the driving force in the quest for excellence OUR LINES OF BUSINESS Diamond Dent trading establishment is proud to be the importer of these great dental companies into Saudi Arabia. Saratoga Dental Cabinets- ITALY Hammacher Dental Instruments-GERMANY Busch Burs- Germany Dentsply Sirona

**[info@diamonddent-sa.com](mailto:info@diamonddent-sa.com)**



## Stand no: C07

ALYARMUK is a leading company in manufacturing luxury dental and laboratory furniture in the Middle East, and we always strive to add value in everything we produce with the highest levels of quality and reasonable price while adhering to a high level of ethics and integrity in all our dealings. We always pay attention to details through continuous research and development and follow modern scientific methods in production while providing the longest warranty period with the best pre-sales and after-sales services. We hold international quality certificates such as (ISO9001-ISO13485-CE) ALYARMUK welcomes those wishing to distribute our products around the world and we provide them with all the support we can. our headquarters are in Riyadh, KSA and we have branches in Jeddah and Dammam, in addition to our sister company in Cairo.

**[www.alyarmuk.net](http://www.alyarmuk.net)**



شركة خوارزم العربية  
ARABIAN KHWAREZM CO.

## Stand no: C10

We are Arabian Khwarezm Commercial Company interested in Smart products in Medical & in Normal Life.

[www.khwarezm.sa](http://www.khwarezm.sa)



## Stand no: C08

Leading the community in improving the world healthcare standard via our innovative products & complete solutions, and by doing so, be within the top100 medical companies in the Middle East and North Africa.

[www.thelaserfirm.com](http://www.thelaserfirm.com)



## **Stand no: F09**

Fanta Dental is an Innovative & High-tech manufacturer and designer in the field of Endodontic, we are the largest manufacturer in China, producing 70,000 root canal files daily and selling them worldwide. we provide high-quality root canal treatment files and ENDODONTIC solutions to dentists, offering a one-stop root canal treatment solution.

**[www.fanta-dental.com](http://www.fanta-dental.com)**



## **Stand no: F08**

Changzhou Sifary Medical Technology Co.,Ltd., (Brand name: Eighteeth) founded in Changzhou, Jiangsu in 2016, is a manufacturer of professional dental devices and materials. Its products include endodontics, periodontology, imaging systems, digital impressions, high-end optics, materials and other large, medium and small equipments. Eighteeth products covers 141 countries around the world now. Eighteeth now has a professional team of more than 350 people. Directors of Eighteeth R&D department and operation department are senior R&D managers from famous companies such as Dentsply Sirona and Mindray. Eighteeth has a mature and efficient R&D management system, and has significant advantages in product quality and cost control.

**[www.eighteeth.com](http://www.eighteeth.com)**





## **Stand no: F10**

Established in 2005, Zumax Medical Co., Ltd., is a high-tech enterprise specializing in research, development, production, and sales of surgical microscopes. Zumax Medical has always focused on the field of dentistry, with its core product being dental surgical microscopes, accounting for about 50% of the domestic market in China. And certainly, is the advanced stage over the world. Adhering to requirement-oriented of clinical customer, remaining committed to the core values of “Based on science & technology, Advance by innovation, Customer first and Integrity & Trustworthiness” in technological innovation, we are renowned with our professionalism, quality, innovation, and service.

**[www.zumaxmedical.com](http://www.zumaxmedical.com)**



# MEDIT

## **Stand no: F07**

Established in 2000 Medit is a leader in 3D digital solutions Medit specializes in 3D measurement and CAD/CAM solutions for dental clinics and labs, including intraoral scanners, based on its own patented state-of-the-art technology. Our goal is to provide innovative technology and the highest quality products to ensure mutual growth for all partners.

**[www.medit.com](http://www.medit.com)**



ARMA Trading Company  
شركة أرمما للتجارة

**Stand no: C09**

Official Distributor of FGM, S. S. White and Eastdent

**[www.arma.sa](http://www.arma.sa)**



**Stand no: 13**

**[www.batterjeenat.com](http://www.batterjeenat.com)**



## Stand no: 17

Ataa dental business unit, is committed to Ataa's promise "fulfill customer orders swiftly, conveniently and most important cost-effectively" our international partners and vendors were selected for their quality products and services, that is satisfying to every practicing dentist. We do our best to reasonably price our products in a manner that allow us to serve our customers during the sales process and after sale. We are present in major cities of Saudi Arabia a Riyadh, Jeddah and Dammam and have alliances and resellers in the cities out of our direct reach. Ataa sales team consists of 15 salespeople mainly dentists, biomedical engineers, and customer service specialists. The technical team responsible for installation, maintenance, and repairs of Ataa equipment is led by an experienced biomedical engineer with a group of highly skilled technicians.

**[www.ataa-int.com](http://www.ataa-int.com)**



**Stand no: 9**

**<http://en.runyes.com/en/prototypes.php>**



**Stand no: 15**

**[www.dentalkingdom-co.com](http://www.dentalkingdom-co.com)**



مؤسسة الأشنان الطبية  
Ashnan Medical Est.

**Stand no: B08**

ASHNAN Medical EST. is a trading name under which the health care business operates in the Gulf Area and North Africa. ASHNAN Medical EST has been expanding its activities over 10 years and its range of products.

**[www.ashnan-med.com](http://www.ashnan-med.com)**





## Stand no: 26

Charismatic Dental Laboratory is an ISO9001 certified global provider of dental solutions, specializing in veneers, crowns, implants, and surgical guides and more ...

**[www.charismaticdl.com](http://www.charismaticdl.com)**



## Stand no: D09

Arabian Trade House Medical has newly established Dental Division, headquartered in Riyadh, Saudi Arabia. We are Exclusive agent for several Arabian Trade House Medical has newly established Dental Division, headquartered in Riyadh, Saudi Arabia. We are the Exclusive agent/distributor for the following Dental Manufacturer Brands; DENDIA SURGICAL & DENTAL INSTRUMENTS, CENTRIX (FLUORODOSE 5% SODIUM FLOURIDE VARNISH, CHAMP PIT & FISSURE SEALANT), STA (SINGLE TOOTH ANESTHESIA) MILESTONE SCIENTIFIC, iRES DENTAL IMPLANTS and SMILETECH CLEAR ALIGNERS. Our business concept is to give high quality dental solution for healthcare professionals.

[www.ath.com.sa](http://www.ath.com.sa)



## **Stand no: G09**

Amasi Al Tamaioz Trading Company is one of the leading companies in the field of dentistry in the Kingdom of Saudi Arabia. We are the exclusive agent for many international dental brands and a supplier of dental materials and equipment covering most areas of dentistry. It was established in 2010, where the beginning was at its headquarters in the city of Riyadh, where the beginning was buying and selling products from the local market, and through our study of the Saudi market, we found the market's need for more new and advanced products of high quality, and from here we began to expand to obtain products that keep pace with the global markets, where the company By establishing a special department for research and development to obtain advanced medical products in the field of dentistry, and it was able, within a short period of time, to obtain distinguished international brands.

**[www.amasi.net](http://www.amasi.net)**



MODERN **ROOTS** TRADING CO  
New roots, New life

**Stand no: G10**

**[www.modernroots.net](http://www.modernroots.net)**



**Stand no: 27**

**[www.dtchz.com](http://www.dtchz.com)**



الكون الدولية للتجهيزات الطبية  
Universal International Medical Supply

**Stand no: E09**

Dental Supply company

**[www.universims.com](http://www.universims.com)**



## **Stand no: B09**

Care By 42, formerly known as “Pure Oasis,” has made significant progress in a short period since its establishment in the Eastern Province of Saudi Arabia. It initially operated as a distributor of specialized medical products, in partnership with a group of local agents. At Care By 42, we have always placed a high priority on selecting the safest and most effective medical products and providing excellent customer service through a professional team all over Saudi Arabia.

**42.care**



## **Stand no: B10**

**Intelligent Dental Reporting and Documentation AI-Assisted dental reporting and documentation**  
Fast and easy structured reporting without typing - Auto detection of all the dental problems found in the dental radiograph in a matter of seconds - Auto analysis of the severity of the dental problems within seconds - Auto fill the progress notes, diagnosis, and treatments into the electronic dental records with just one click Fast and easy structured reporting without typin

**[www.swc-dent.com](http://www.swc-dent.com)**





## Stand no: E10

PBM Healing is a Hong Kong based company started in 2019 by Dr. Alan Kwong Hing. Dr. Kwong Hing was a co-founder of a company 20 years previously which produced a light therapy device but the company discontinued operations in Asia in Nov 2019. Due to a vacuum created by his previous company's discontinuation of sales, he created PBM Healing to serve the needs of dentists and their patients with an orthodontic device designed to decrease pain and accelerate tooth movement. The company (PBM Healing) has developed Photobiomodulation (PBM) devices and devices utilizing other technologies based on proven scientific research and methods. The Goal at PBM Healing is to decrease pain and improve healing applied to Orthodontics, TMJ, Implantology and Bone grafting, Pain relief for cancer therapy side effects and musculoskeletal conditions, Teeth Whitening, and several other medical and dental applications beyond the first orthodontic device.

[www.pbmhealing.com](http://www.pbmhealing.com)



# align™

 invisalign® | iTero® | exocad®

Transforming smiles, changing lives.

**Stand no: D10**

<https://www.invisalign.com/>



## **Stand no: 28**

A healthcare importer distributor with unlimited capabilities to source healthcare products. We serve medical-lab sectors, dental, and pharmaceuticals. Serving every health-care provider in both public and private sectors in Saudi Arabia and neighboring countries.

**[www.gmt-med.com](http://www.gmt-med.com)**



## **Stand no: G07**

Smile Agents is a specialized supplier of pediatric dental products in Saudi Arabia and Bahrain. We believe in the power of a child's healthy smile. The quality of the pediatric products we use makes a difference in children's lives. We train professionals on the proper use of these quality products to achieve the maximum results that each child deserves.

**[www.smileagents.com](http://www.smileagents.com)**



## **Stand no: G08**

Founded in 2011, Avalon Biomed began as a leading designer, manufacturer and marketer of advanced bioactive bioceramic dental materials for endodontic treatments. Building of this foundation, Avalon Biomed continues to develop new endodontic treatment products that are unsurpassed in versatility, quality and value. Part of the NuSmile family based in Houston, TX USA, Avalon Biomed strives to provide the great products and great service to endodontists and general dentists performing endodontic procedures.

**[www.avalonbiomed.com](http://www.avalonbiomed.com)**



## Stand no: 25

Agent and Distributer of GC Products in Saudi Arabia.

[www.almiracentre.com](http://www.almiracentre.com)



## **Stand no: 14**

ExamVision loupes are made by hand with quality components customised to meet your needs. Facial features, prescription, eyesight and ergonomic issues are implemented in the final design and production. The result is an outstanding loupe experience.

**[www.examvision.co](http://www.examvision.co)**



## Stand no: 11

Dent Stores is the trusted partner for dental practitioners seeking efficiency, innovation, and unwavering quality in its supplies. Choose Dent Stores and elevate your practice to new heights of precision and excellence.

[www.dentstores.com](http://www.dentstores.com)





## Stand no: 21

Established in 2013 and evolved in 2018, the College is the first independent postgraduate education provider offering a wide range of qualifications from MSc to PhD and Professional Diploma level for dentists and healthcare professionals. Our collaboration with Ulster University enables us to offer a wide range of career progression opportunities. Our College is an energetic and connected community, committed to excellence in education and employability, embracing opportunities and addressing the challenges of today's healthcare nationally and globally. More than 8 years on, we are proud that the College has grown in both size and reputation, highly regarded by dentists, doctors and healthcare professionals.

[www.comd.org.uk](http://www.comd.org.uk)



شركة غيث التنفيذية المحدودة  
GHAITH EXECUTIVE CO.LTD.

**Stand no: 19**

**[www.elghaith.com](http://www.elghaith.com)**



## Stand no: 20

Maleen Health Training Center is a leading center that offers training courses and qualification diplomas in all of the following dental specialties: ROTARY ENDODONTICS ENDO CROWN RETREATMENT OF ENDODONTIC TEETH INLAY AND ONLY CROWN AND BRIDGE LAMINATED VENEERS RUBBER DAM PERIO SURGERY BOTOX AND FILLER CAD-CAM SURGERY PEADODONTIC ORTHODONTIC BLEACHING DENTAL PHOTOGRAPHY FORENSIC ODONTOLOGY MEDICAL CODING AESTHETIC DIGITAL SMILE DESIGN IMPLANT LASER IN DENTISTRY FORENSIC ODONTOLOGY Accredited by the Commission for Health Specialties, it includes continuing education hours, CME and qualifies you to obtain the Clinical Privileging (CP).

<https://salla.sa/mhtc>



## Stand no: 24

GPS INTERNATIONAL DENTAL COMPANY GPS INTERNATIONAL COMPANY is a specialized dental company that was founded in 2016, based in ALSEE, in the KINGDOM of BAHRAIN. It operates in various fields within Dentistry, with its primary activities including a Dental Lab for the manufacturing of premium dental prostheses, being the exclusive distributor of the “DENTAL GPS” digital smile design company in the Middle East and North Africa, accrediting exceptional dentists, both academically and professionally, and recommending them to patients who trust the GPS INTERNATIONAL brand, in addition to other activities.

[www.smile-gps.com](http://www.smile-gps.com)



**Stand no: 24**

**Dental Cabinetry**

**[www.dentalcabinetegypt.com](http://www.dentalcabinetegypt.com)**



## Stand no: 23

Al Rowad Medical Technology Co., established in 2009, is a leading healthcare provider in Saudi Arabia, specializing in dental implants, ENT equipment, Sterilization Equipment, and related services. Our Team: Comprising highly specialized medical professionals, including American and Canadian-certified consultants, and a dynamic commercial team with both scientific and commercial expertise. Exclusive Distributorship: We are the exclusive distributor for TBR Implants Group, the pioneering French dental implant producer founded by Dr. André Benhamou in 1987. Vision: We aim to be a premier authorized agent in Saudi Arabia, serving reputable clients with the confidence of official government authorization since 2009.

[www.alrowaad.com.sa](http://www.alrowaad.com.sa)

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CURAPROX

# ALIGNER

foam



SWISS PREMIUM ORAL CARE 

## REMINERALISE AND PROTECT TEETH DURING TREATMENT WITH INNOVATIVE FORMULA

**HYDROXYAPATITE** creates a protective barrier on the tooth's surface, making it less susceptible to acid attacks from plaque bacteria.

**HYALURONIC ACID** is a key additional ingredient specifically designed to restore moisture.

**MAGNOLOL** is a bioactive compound has a strong antibacterial effect against *Streptococcus mutans*. *Streptococcus mutans* is a bacteria commonly associated with dental plaque formation and tooth decay.

**CCP active combination by Citrox, cyclodextrin and Polylysine.**

Citrox® natural bioflavonoids bring antibacterial, antioxidant and antiinflammatory properties. Polylysine combats oral bacteria, reducing the risk of dental plaque.

### ENZYMATIC SYSTEM

Enzymatic system (Amyloglucosidase & Glucose Oxidase). Helps reduce the risk of dental caries. and has a natural antimicrobial properties that can help kill harmful bacteria in the oral cavity.

### KEY BENEFITS OF THE CURAPROX ALIGNER FOAM:

- Naturally remineralises and protects the teeth
- Plaque-fighting action
- Tackles bad breath
- Moisturises teeth surfaces
- Antibacterial properties
- Refreshing mint flavour