



CED-IADR/NOF Oral Health Research Congress

19-21 September 2019

Meliá Castilla Hotel & Convention Center, Madrid, Spain

An international multi-disciplinary research meeting hosted by the Continental European & Scandinavian divisions (CED-IADR/NOF) of the International Association for Dental Research (IADR).

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SYMPOSIUM & KEYNOTE PROGRAM

Thursday, September 19, 2019

GLASS HYBRID TECHNOLOGY IN THE POST AMALGAM ERA: THE RESTORATIVE INNOVATION (supported by GC Europe)

- *Post-minamata era and needs for amalgam alternatives* by **Falk Schwendicke** (Berlin, Germany)
- *Clinical evaluation of a glass hybrid system vs. a resin composite: preliminary findings of a multicentre trial* by **Ivana Miletić** (Zagreb, Croatia)
- *Advantages of glass hybrid materials in daily practice* by **Marco Ferrari** (Siena, Italy)

Chaired by **Avijit Banerjee** (London, UK)

ARE WE PREPARED AND CAPABLE TO MEET THE ORAL HEALTH NEEDS AMONG THE OLDER PEOPLE?

(supported by Unilever Denmark)

- *Oral health status among older people in a global perspective* by **Lisa Bøge Christensen** (Copenhagen, Denmark)
- *Measures to promote and support oral health in older adults* by **Anastassia E. Kossioni** (Athens, Greece)
- *Minimal or advanced restorative dentistry? Concepts for oral rehabilitation measures in elderly patients* by **Timo Närhi** (Turku, Finland)

Chaired by **Anne Marie Lynge Pedersen** (Copenhagen, Denmark) and **Janicke Liaaen Jensen** (Oslo, Norway)

CARDIOVASCULAR DISEASES AND THE ROLE OF ORAL HEALTH (supported by Philips)

- *Potential molecular and genetic mechanisms for the relationship between periodontitis and cardio-vascular disease (CVD)* by **Bruno Loos** (Amsterdam, The Netherlands)
- *Epidemiological evidence for the relationships between periodontitis and CVD* by **Ana Molina** (Madrid, Spain)
- *Forging a cardio-dental alliance: strategies to work on to improve global health* by **Alvaro Marco del Castillo** (Madrid, Spain)

Chaired by **Bruno Loos** (Amsterdam, The Netherlands)

ADVANCED DENTISTRY – FROM TRADITIONAL TO DIGITAL WORK FLOW (supported by 3M Oral Care)

- *Evolution of impression taking – new impression materials in digital times?* by **Bernd Wöstmann** (Gießen, Germany)
- *Digital technologies and monolithic materials - an ideal synergy?* by **Jan-Frederik Güth** (Munich, Germany)
- *The de-stressed smile: low shrink chemistries for modern resin composites* by **Will Palin** (Birmingham, UK)

Chaired by **Will Palin** (Birmingham, UK)

NEW APPROACHES TO THE UNDERSTANDING AND TREATMENT OF DENTINE HYPERSENSITIVITY (supported by Unilever)

- *A clinical perspective on dentine hypersensitivity: the root of the problem* by **Nicola X West** (Bristol, UK)
- *Dentine hypersensitivity and its impact on the quality of life* by **Filippo Graziani** (Pisa, Italy)
- *The prevalence of dentine hypersensitivity in Europe and its impact on periodontal and dental health* by **Virginie Monnet-Corti** (Marseille, France)

Chaired by **Marjolaine Gosset** (Paris, France)

DENTAL EROSION - THE NEW TOOTHACHE (supported by NIOM and NOF)

- *Dental erosive wear - a global condition* by **Aida Mulic** (Oslo, Norway)
- *Etiology of erosive tooth wear and risk assessment* by **Viivi Alaraudanjoki** (Oulu, Finland)
- *Non-invasive restorative treatment of worn teeth* by **Ulla Pallesen** (Copenhagen, Denmark) & **Torgils Lægrend** (Bergen, Norway)

Chaired by **Jon E. Dahl** (Oslo, Norway) & **Peter Holbrook** (Reykjavík, Iceland)

NEW INSIGHTS IN PERI-IMPLANTITIS (by YOUNG CED-IADR)

- *Implant biofilms and aimed therapeutics* by **Ho-Yan Duong** (Bern, Switzerland)
- *Outcomes of surgical therapy of peri-implantitis. Lessons learned from in vivo studies* by **Javier Sanz Esporrín** (Madrid, Spain)
- *Outcomes of surgical therapy of peri-implantitis. Lessons learned from clinical trials* by **Stig Aanerod Ellingsen** (Oslo, Norway)

Chaired by **Ignacio Sanz Sánchez** (Madrid, Spain), **Alexandra Stahli** (Bern, Switzerland), **Eduardo Montero** (Madrid, Spain)

Friday, September 20, 2019

DENTAL EPIDEMIOLOGY 2030 – A CASE EXAMPLE (supported by DMG)

- *Predicting dental morbidity and demands: Why and how did we do it?* by **Falk Schwendicke** (Berlin, Germany)
- *Dental epidemiology 2030: what we found* by **Rainer Jordan** (Cologne, Germany)
- *What does it mean for research and practice?* by **Michael Wicht** (Cologne, Germany)

Chaired by **Michael J. Noack** (Cologne, Germany)

GUIDED BIOFILM THERAPY – NEW APPROACH IN NON-SURGICAL MANAGEMENT OF PERIODONTAL & PERI-IMPLANT DISEASES (supported by EMS Switzerland)

- *Roughness and loss of substance of tooth surfaces after biofilm removal with different processing methods* by **Behrouz Arefnia** (Graz, Austria)
- *Air polishing systems in the management of peri-implant diseases* by **Ignacio Sanz** (Madrid, Spain)

Chaired by **Adrian Lussi** (Bern, Switzerland)

HIGH INTENSITY CURING LIGHTS: A SURE CURE? (supported by Ivoclar Vivadent)

- *The dark art of light measurement* by **Richard Price** (Halifax, Canada)
- *3-second curing: composite and curing light characteristics* by **Nicoleta Ilie** (Munich, Germany)
- *Clinical experience with a 3-second curing direct restorative system: one year on* by **Arnd Peschke** (Schaan, Liechtenstein)

Chaired by **Will Palin** (Birmingham, UK)

ORTHODONTICALLY INDUCED EXTERNAL APICAL ROOT RESORPTION: STATE OF THE ART OF THE CURRENT RESEARCH

- *Principles of clinical genetics and external apical root resorption* by **James Hartsfield** (Kentucky, USA)
- *What do we know about orthodontic root resorption and orthodontitis?* by **Naphtali Brezniak** (Tel-Aviv, Israel)
- *The genome and external apical root resorption in orthodontics in 2019* by **Alejandro Iglesias-Linares** (Madrid, Spain)

Chaired by **María Cadenas de Llano Pérula** (Leuven, Belgium) and **Conchita Martín Alvaro** (Madrid, Spain)

TREATMENT PLANNING OF COMPLEX INTERDISCIPLINARY CASES – USING TECHNOLOGY AND SCIENCE TO ENHANCE COMMUNICATION BETWEEN SPECIALTIES (supported by Dentsply Sirona)

- *Treatment planning of complex interdisciplinary cases* by **Angélica Iglesias Moradiellos** (Barcelona, Spain)

Chaired by **Andreu Puigdollers Perez** (Barcelona, Spain) and **Luis Giner** (Barcelona, Spain)

Keynote lecture (supported by Tokuyama Dental)

A CLINICAL TRIAL OF COLOR MATCHING PERFORMANCE OF A SINGLE SHADE COMPOSITE by **Giovanni Dondi dall'Orologio** (Bologna, Italy)

Keynote lecture (supported by Vigilent Biosciences)

ORAL AND OROPHARYNGEAL CANCER EARLY DETECTION: FINDING THE NEEDLE IN THE HAYSTACK by **Elizabeth Franzmann** (Florida, USA)

Saturday, September 21, 2019

RETENTION AND RELAPSE IN ORTHODONTICS: WHERE ARE WE GOING?

- *Orthodontic retention: not only keeping teeth stable* by **Carlos Flores-Mir** (Edmonton, Canada)
- *Orthodontic Retention: current trends and implications* by **Wellington Rody Jr** (New York, USA)
- *Evidence base for orthodontic retention and retainers* by **David Bearn** (Dundee, UK)

Chaired by **María Cadenas de Llano Pérula** (Leuven, Belgium) and **Conchita Martín Álvaro** (Madrid, Spain)



CLINICAL SATELLITE SYMPOSIA (Saturday from 8:30 – 13:00 hr; pre-registration is required)

The CED-IADR/NOF board is organizing **comprehensive Clinical Satellite Symposia on Saturday morning** (from 8:30 hr – 13:00hr in **two parallel lecture halls**), dealing with the following oral health subjects:

8:30 – 10:00hr

ORAL MEDICINE/PATHOLOGY chaired by **Ivan Alajbeg** (Zagreb, Croatia)

- *Precision (oral) medicine* by **Ivan Alajbeg** (Zagreb, Croatia)
- *Nanotechnology and delivery of dental therapeutics* by **Raquel Osorio** (Madrid, Spain)

RESTORATIVE DENTISTRY & DENTAL MATERIALS SEOC session chaired by **Bart Van Meerbeek** (Leuven, Belgium)

Bonded non-retentive ceramic partial crowns: materials, concept and simplified protocol for long-lasting restorations by **Marleen Peumans & Bart Van Meerbeek** (Leuven, Belgium)

10:30 – 11:45 hr

ENDODONTICS AEDE session chaired by **Imad About** (Marseille, France)

- *Can pulp regeneration/anti-inflammatory potentials provide the rationale for irreversible pulpitis treatment?* by **Imad About** (Marseille, France)
- *Symptomatic carious exposure: reparative responses and biologically-based therapies* by **Hal Duncan** (Dublin, Ireland)
- *Minimally invasive Endodontics for long-term tooth preservation* by **Ana Arias** (Madrid, Spain)

ORAL-SYSTEMIC DISEASES association chaired by **David Herrera** (Madrid, Spain)

- *Diabetes and oral health: the complications, mechanisms and quality of life* by **Bruno Loos** (Amsterdam, The Netherlands)
- *Cardiovascular diseases* by **Phoebus Madianos** (Athens, Greece)
- *Alzheimer's disease* by **Nicola X West** (Bristol, UK)

11:45 – 13:00 hr

PERIODONTOLOGY chaired by **Bill Papaioannou** (Athens, Greece)

- *Which are the ideal bone grafts and membranes* by **Mariano Sanz** (Madrid, Spain)
- *Bioactive factors* by **Andrés Pascual** (Madrid, Spain)
- *Regeneration of unconventional defects* by **Filippo Graziani** (Pisa, Italy)

ADVANCED TECHNOLOGIES in prevention/early detection? chaired by **Egija Zaura** (Amsterdam, The Netherlands)

- *Biological aspects: How can new technology (OMICs) era contribute to oral health?* by **Egija Zaura** (Amsterdam, The Netherlands)
- *Clinical Aspects: How can dental professionals use this knowledge?* by **Catherine Volgenant** (Amsterdam, The Netherlands)

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