



Giovedì, 17 marzo 2016
 Thursday, March 17 2016
 Centro Congressi Lingotto

Sala 500

09.00am-12.45pm

**SPAZIO RICERCA
 RESEARCH FORUM**

09.00-09.10 **Introduzione, a cura dei Coordinatori**

Basic Research

09.10-09.15 **Bacteriophages as an alternative to antibiotics in periodontology**

Frolova Olga¹, Grudyanov Alexander¹, Isadzhanyan Karina¹, Nikolaev Alexey¹, Popova Valentina¹

¹Russian Society of Periodontology ~ Moscow ~ Russian Federation

09.15-09.20 **Are periodontitis and cataract independently associated? A cross-sectional study based on a nationwide representative sample**

Romandini Mario¹, Gioco Gioele², Deli Giorgio², Perfetti Giorgio¹, Staderini Edoardo², Lafori Andreina²

¹Department of Medical, Oral and Biotechnological Sciences, University of Chieti-Pescara ~ Chieti ~ Italy - ²Department of Periodontology, Catholic University of the Sacred Heart ~ Rome ~ Italy

09.20-09.25 **Short sleep duration is independently associated with periodontitis. A cross-sectional study based on a nationwide representative sample**

Romandini Mario¹, Staderini Edoardo², Deli Giorgio², Perfetti Giorgio¹, Gioco Gioele², Lafori Andreina²

¹Department of Medical, Oral and Biotechnological Sciences, University of Chieti-Pescara ~ Chieti ~ Italy - ²Department of Periodontology, Catholic University of the Sacred Heart ~ Rome ~ Italy

09.25-09.31 Discussion

Non-surgical Therapy

09.31-09.36 **High risk population for MRONJ onset: periodontal condition of oncologic and hematologic patients undergoing an oral preventive program**

Petrucci Valentina¹, Vecchiatini Renata¹, Guarnelli Maria Elena², Mobilio Nicola¹, Trombelli Leonardo²

¹Department of Biomedical and Specialty Surgical Sciences, University of Ferrara ~ Ferrara ~ Italy

²Research Centre for the Study of Periodontal and Peri-implant Diseases, University of Ferrara ~ Ferrara ~ Italy

09.36-09.41 **Is it possible to consider periodontitis as one of the additional cardiovascular risk factors?**

Grudyanov Aleksander¹, Krechina Elena¹, Avraamova Tamara¹, Khatagov Alan¹

¹Moscow ~ Russian Federation

09.41-09.46 **Dynamic evaluation of the opportunity to treat patients affected by advanced periodontitis with implant therapy combined to the use of an oral probiotic (Reuterin os®) and with a follow-up of more than 10 years**

Rao Walter¹, Rao Simone¹

¹Studio Rao ~ Pavia ~ Italy



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09.46-09.51 **C-reactive protein serum concentrations before and 3 months after non-surgical periodontal treatment**
 Karapetsa Dimitra¹, Discepoli Nicola¹, Gennai Stefano¹, Nisi Marco¹, Tonelli Matteo¹, Gabriele Mario¹, Graziani Filippo¹
¹Department of Surgical, Medical, Molecular and Critical Area Pathology - Section of Dentistry ~ Pisa ~ Italy

09.51-09.59 Discussion

Surgical Therapy

09.59-10.04 **Is it possible to consider surgical treatment of periodontitis as a method of positive influence on vascular blood flow in great vessels?**
 Krechina Elena¹, Grudyanov Alexander¹, Khatagov Alan¹, Avraamova Tamara¹
¹Russian Society of Periodontology ~ Moscow ~ Russian Federation

10.04-10.09 **Coronally advanced flap versus tunnel technique to cover gingival recessions: a randomized, double blind, mono-center prospective clinical trial**
 Farina Vittorio Siro Leone¹, Azaripour Adriano², Willershausen Brita³, Cortellini Pierpaolo⁴
¹private practice ~ Bergamo ~ Italy - ²Department of Operative Dentistry and Periodontology, University Medical Center, Johannes Gutenberg University, Mainz, Germany ~ Mainz, ~ Germany - ³Department of Operative Dentistry and Periodontology, University Medical Center, Johannes Gutenberg University, Mainz, Germany ~ Mainz ~ Germany - ⁴Accademia Toscana di Ricerca Odontostomatologica (ATRO) ~ Firenze ~ Italy

10.09-10.14 **Osseous resective surgery with and without fibre retention technique in the treatment of shallow intrabony defects: 3-years analysis of soft tissue re-growth**
 Audagna Martina¹, Mariani Giulia Maria¹, Ercoli Elena¹, Romano Federica¹, Aimetti Mario¹
¹Dipartimento di Scienze Chirurgiche, C.I.R. Dental School, Sezione di Parodontologia, Università degli Studi di Torino ~ Torino ~ Italy

10.14-10.19 **The Redox properties changes of periodontal tissues in patients with generalized periodontitis using different surgical techniques**
 Braun Iuliia¹, Biloklytska Galyna¹
¹NMAPO named after P.L.Shupyk ~ Kiev ~ Ukraine



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10.19-10.24 **Coronally advanced flap plus collagen matrix in the treatment of gingival recessions with minimum amount of keratinized tissue: 1 year results of a clinical study**

Corrente Giuseppe¹, Abundo Roberto¹, Sarmiento Hector², Zambelli Marta³, Saccone Carlo³, Fiorellini Joseph P.⁴, Perelli Michele³

¹Private Practice, Torino, Italia & Adjunct Professor, Department of Periodontics, University of Pennsylvania School of Dental Medicine, Philadelphia, PA, USA ~ Turin ~ Italy - ²Associate Professor, Department of Periodontics, University of Pennsylvania School of Dental Medicine, Philadelphia, PA, USA ~ private practice, New York, US ~ United States - ³private practice ~ Torino ~ Italy - ⁴Professor, Department of Periodontics, University of Pennsylvania School of Dental Medicine, Philadelphia, PA, USA ~ Philadelphia ~ United States

10.24-10.34 Discussion

10.35-11.05 *Coffee break*

Bone Biology, healing and regeneration

11.05-11.10 **Polydioxanone-based scaffolds for bone tissue engineering**

Manavella Valeria¹, Romano Federica¹, Fratini Adriano², Gualini Giacomo¹, Aimetti Mario¹

¹Department of Surgical Sciences, C.I.R. Dental School, University of Turin, Turin, Italy ~ Torino ~ Italy - ²Private practice ~ Orvieto ~ Italy

11.10-11.15 **Soft tissue healing with a new xenogenic collagen matrix in post-extractive socket sealing procedures: preliminary results of a prospective cohort study**

Rossi Alessandro Luigi¹, Palombo David¹, Capilupi Vincenzo¹, Chiapasco Matteo¹

¹Unit of Oral Surgery, Department of Health Sciences, San Paolo Hospital, University of Milan (Head M. Chiapasco) ~ Milan ~ Italy

11.15-11.20 **GBR-VISTA: A New Minimally invasive technique for management of buccal collapse and soft-tissue recession after immediate implant in esthetic zone: A case report**

Foti Vincenzo

Private Practice - Genoa, Italy

11.20-11.26 Discussion

Implant Treatment

11.26-11.31 **Which is the best antibiotic prophylaxis protocol to prevent early failures at dental implant placement? A systematic review and bayesian network meta-analysis**

Romandini Mario¹, Congedi Francesca¹, D'Ambrosio Mattia¹, Quaranta Ciro¹, De Tullio Ilaria¹, Perfetti Giorgio¹

¹Department of Medical, Oral and Biotechnological Sciences, University of Chieti~Pescara ~ Chieti ~ Italy



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- 11.31-11.36 **Patient-reported outcomes of implant placement performed concomitantly with transcrestal sinus floor elevation or entirely in native bone**
 Franceschetti Giovanni¹, Rizzi Alessandro¹, Minenna Luigi¹, Pramstraller Mattia¹, Trombelli Leonardo¹, Farina Roberto¹
¹Research Centre for the Study of Periodontal and Peri-Implant Diseases, University of Ferrara, Italy ~ Ferrara ~ Italy
- 11.36-11.41 **Influence on bone stress distribution of number of implants, crown height and implant length for 3-unit bridges in the posterior mandible: a 3D finite element analysis**
 Cavalli Nicolò¹, Casaroli Gloria², Corbella Stefano¹, Taschieri Silvio¹, Azzola Francesco¹, Galbusera Fabio², Villa Tomaso², Francetti Luca¹
¹Università degli Studi di Milano, Department of Biomedical, Surgical and Dental Sciences, Research Centre in Oral Implantology, Milan, Italy; IRCCS Istituto Ortopedico Galeazzi Milan, Italy ~ Milano ~ Italy - ²LaBS, Department of Chemistry, Materials and Chemical Engineering "G. Natta", Politecnico di Milano; IRCCS Istituto Ortopedico Galeazzi ~ Milano ~ Italy
- 11.41-11.46 **Hyperhydrophilicity of microstructured implant surfaces affects human osteoblastic cells adhesion: A study with Focused Ion Beam microscopy**
 Toffoli A.^{1,2}, Parisi L.^{1,2}, Lagonegro P.³, Galli C.^{1,2,3}, Rivara F.^{1,4}, Manfredi E.^{1,2}, Lumetti S.^{1,2}, Lorenzi A.⁵, Alfieri I.^{5,6}, Macaluso G.M.^{1,2,3}
¹ Dental School, University of Parma, Via Gramsci 14, 43126 Parma, Italy; ² Dep. Biological, Biotechnological and Translational Sciences, University of Parma, Italy; ³ IMEM-CNR National Research Council, Parma, Italy; ⁴ Dep. Clinical and Experimental Medicine, Parma, Italy; ⁵ Dip. Chemistry, Parma, Italy; ⁶ INSTM, Firenze, Italy
- 11.46-11.54 Discussion

Perio-Implant Treatment

- 11.54-11.59 **Comparative evaluation of two different diode laser wavelengths with and without photosensitization for suppressing bacterial colonization on dental implants surfaces. Ex-vivo study**
 Valente Nicola Alberto¹, Mang Thomas¹, Hatton Michael¹, Mikulski Lynn¹, Andreana Sebastiano¹
¹State University of New York at Buffalo ~ Buffalo ~ United States
- 11.59-12.04 **In vivo quantification of biofilm structure on titanium implant surfaces by the novel computer program COMSTAT**
 Del Lupo Veronica¹, Annalisa Milan², Dolzani Lucilla², Maglione Michele¹, Angerame Daniele¹, Bevilacqua Lorenzo¹
¹Department of Medicine, Surgery and Health Sciences. University of Trieste ~ Trieste ~ Italy
²Department of Life Sciences. University of Trieste ~ Trieste ~ Italy



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- 12.04-12.09 **Treatment of peri-implantitis using an air polishing device with erythritol powder or mechanical ultrasonic and curet debridement. Two year follow-up of a randomized, controlled split mouth clinical study.**
 Nastri Livia¹; Ripoli Roberta²; Miraldi Gennaro³
¹ DDS, PhD, Aggregate professor of Periodontology and Implantology, Multidisciplinary Department of Medical Surgical and Dental Specialties, Second University of Naples, Naples, Italy; ² Dental Hygienist, Private practice, Naples, Italy; ³ DMS, DMD, Private practice, Naples, Italy
- 12.09-12.14 **Peri-implant keratinised mucosa dimensions from health to peri-implant disease status: a 2-year prospective pilot study**
 Basegmez Cansu¹, Demirel Korkud², Karabuda Cuneyt¹
¹Istanbul University Oral Implantology ~ Istanbul ~ Turkey - ²Istanbul University Periodontology ~ Istanbul ~ Turkey
- 12.14-12.19 **Surgical approaches for the treatment of peri-implantitis. A one year follow-up case series**
 Pulcini Alberto¹, Alcaraz Freijo Jaime¹, Luengo Mas Fernando¹, Noguerol Sicilia Fernando¹, Vignoletti Fabio¹, Sanz Alonso Mariano¹
¹Universidad Complutense de Madrid ~ Madrid ~ Spain
- 12.19-12.24 **Implantoplasty and plaque accumulation, a novel in situ study**
 Azzola Francesco¹, Ionescu Andrei Cristian², Cavalli Nicolò¹, Ottobelli Marco², Brambilla Eugenio², Francetti Luca Angelo¹
¹Research Center for Oral Implantology (CRIO), IRCCS Galeazzi Orthopaedic Institute ~ Milan ~ Italy - ²Department of Stomatology, IRCCS Galeazzi Orthopaedic Institute ~ Milan ~ Italy
- 12.24-12.36 Discussion
- 12.36-12.45 **Conclusions**