PROGRAM BOOK

88th General Session & Exhibition of the IADR
5th General Session of the Pan European Region of the IADR
Location: Centre Convencions Internacional Barcelona (CCIB)

Don't miss the Distinguished Lecture Series presentations by Francisco Fernández-Avilés, Thomas Lehner and Harald zur Hausen.

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1240 Immunohistochemical Localization of HtrAl During Mouse Tooth Development. Q. ZHANG*, X. LI, R. LI, W. CHANG, and M. ZHOU (Hubei-MOST KLOS & KLOBM, School of Stomatology, Wuhan University, China)

SI241 Functional Implication of Thymosin Beta 4 in the Tooth Development. Y. OOKUMA*, I. KOBAYASHI, T. KIYOSHIMA, K. NAGATA, H. FUJIWARA, H. YAMAZA, K. NONAKA, and H. SAKAI (Kyushu University, Fukuoka, Japan)

1242 Dental Age Estimation in Croatian Children Aged 5–14 Years. I. GALIC, M. VODANOVIC*, E. GALIC, S. JANKOVIC, M. PETROVECKI, and H. BRKIC (University of Zagreb School of Dental Medicine, Croatia)

1243 Smad4 Mediated Signaling is Essential for Dentin Formation. S. KO, J.-Y. LEE, C.-Y. YOON, Y.-H. CHAI, and E.-S. CHO (Chonbuk National University, Jeonju, South Korea)

1244 Third Molar Development in Croatian Children and Young Adults. Z. LOVRIC*, M. VODANOVIC, J. DUMANCIC, I. CUKOVIC-BAGIC, M. PETROVECKI, and H. BRKIC (Private Dental Clinic, Zagreb, Croatia)

1245 Clinico-statistical Analysis of Congenitally Missing Permanent Teeth in CLP. M. SATO*, Y. BABA, T. INOKUCHI, A. HONDA, K. KATOMO, T. TSUI, S. SUZUKI, and K. MORIYAMA (Maxillofacial Orthognathics, Tokyo Medical and Dental University Graduate School, Japan)

1246 Association Between SNPs in 17 Genes and Non-syndromic Hypodontia. J. ZHANG, S. SONG, and H. FENG* (Peking University, Beijing, China)


1251 Melnick-neckel syndrome is Associated with Hypodontia and Mandibular Dysmorphology. L. KÖLLER, K. BRÖNDUM-NIELSEN, J. DAUGAARD-JENSEN, P. LARSEN, and S. KREIBORG* (University of Copenhagen, Denmark)

1252 3D-analysis of Tooth Dimensions in MSX1-missense Mutation: a Pilot Study. M. CRETON*, M.J. BOOGAARD, L. VERHAMME, T. MAAL, F. WILLEM, A. KUIPERS-JAGTMAN, and M. CUNE (Department of Oral and Maxillofacial Surgery, Prosthodontics and Special Dental Care, Dental Medical Centre, Utrecht, Netherlands)

1253 Topography of the Pulp Chamber in the Upper Primary Molars. C. BACCOUTCHE-BELHADI*, F. SAID, and S. GHOUL-MAZGAR (Faculty of Dental Medicine, Monastir, Tunisia)

1254 2 Pax9 Polymorphisms in Tooth Agenesis Patients in Eastern-Turkish Population. E. ISMAN*, O. SOKUCU, S. NERGIZ, and S. KUL (Gaziantepe University, Turkey)

1255 Root-Form and Morphology of Human Permanent Mandibular First Molars. J.V. KARUNAKARAN* (J K Natarajah Dental College, Komarapatavam, Tamilnadu, India)

1256 Temporal Topographic Features of Lower Permanent Molar Eruption. Y. HAMADA*, M. YAGI, and K. TAKADA (Osaka University, Kochi, Japan)

Seq#: 159 Thursday, 15 July 2010, 4:45 p.m. - 6 p.m. Poster Session, Exhibit Hall

Network for Practice-based Research - Network for Practice-based Research

SI257 Re-orientating dental services towards prevention using evidence-based guidelines. C. BRIDGEMAN, R. SINGH*, S. SALEEM, T. TAYLOR, and R. HARRIS (NHS Salford, United Kingdom)

SI258 Commissioning Dental Services Under the New Dental Contract in England. R. FREEMAN*, D. PEARSON, and C. PINE (NHS Salford, United Kingdom)

1259 Attitude Concordance Between Dental Providers: A CROWN Study. C. DEMKO* and S. WOTMAN (Case School of Dental Medicine, Cleveland, OH, USA)


1261 Changes in General Dentists’ Clinical Governance Compliance after Facilitation. J. ELSDEN*, K. EATON, and C. AREVALO (South East Coast Health Authority, Horley, Surrey, UK, United Kingdom)

1262 Analysis of the competency of General Dental Practice Research Facilitators. R. LADWA*, K. EATON, P. BATCHelor, and A. NARAIN (Faculty of General Dental Practice (UK), London, United Kingdom)

1263 Factors used to rate dentists’ technical skills: from “The Dental-PBRN”. J.L. RILEY, III*, V.V. GORDAN, C.T. AJMO, M.B. JACKSON, G.H. GILBERT, and DPB RN COLLABORATIVE GROUP (University of Florida, Gainesville, USA)

1264 Successfully engaging practitioners to present research from “The Dental-PBRN”. P.A. HARRIS*, D.L. MCEWARD, S.G. BROTMAN, G.M. LEASE, D.B. RINDAL, G.H. GILBERT, V.V. GORDAN, and DPB RN COLLABORATIVE GROUP (University of Florida, Gainesville, USA)


1266 Predictors of Post-operative Pain for Routine Dentistry in Primary Care. V. AGGARWAL*, K. MILSOM, L. MORRIS, F. CRAWFORD, and M. TICKLE (University of Manchester, United Kingdom)


1268 A Practice-Based Research Group Evaluation of a Novel Composite Restorative. R. CRISP* and F.J.T. BURKE (University of Birmingham, United Kingdom)
**1244 Third Molar Development in Croatian Children and Young Adults**

Thursday, July 15, 2010: 3 p.m. - 4:15 p.m.
Location: Exhibit Hall (CCIB)

**Z. LOVRIC**¹, M. VODANOVIC², J. DUMANCIC², I. CUKOVIC-BAGIC², M. PETROVECKI³, and H. BRKIC², ¹Private Dental Clinic, Zagreb, Croatia, ²University of Zagreb School of Dental Medicine, Zagreb, Croatia, ³University of Rijeka School of Medicine, Rijeka, Croatia

Objectives: Dental age estimation is common in clinical orthodontics, pedodontics, paleodontology and forensic dentistry. The aim of this study was to assess chronological course of pre-eruptive and eruptive development phase of third molars and to establish parameters for a sample of Croatian population in clinical and forensic dentistry. Materials and Methods: Sample of this study consisted of 1249 standard OPGs; there were 530 (42.4%) male and 719 (57.6%) female subjects whose OPGs were used, aged 10 to 25 years. Eruptive phases were classified in 4 stages, from A to D according to Olze et al. (2007.) Results: results on third molar eruption are in accordance with earlier publications on Caucasoid. Conclusion: results of this study can be used in clinical and forensic research on samples of Croatian population. This study was supported by the Ministry of Science, Education and Sports of the Republic of Croatia; Grant No. 065-0650445-0423 (Human dentition in forensic and archaeological researches.)

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See more of: [Craniofacial Biology](#)