

UAE International Dental Conference & Arab Dental Exhibition - AEEDC Dubai 2010
9- 11 March 2010, Dubai International Convention & Exhibition Centre

DAY 1 - Tuesday, 9 March 2010

Time	Venue: Name	WFLD Main Hall Title	Time	Venue: Name	WFLD Side Hall Title
08:30	Prof. Gutknecht, Prof. Zeinoun	Opening Ceremony			
09:15	Norbert Gutknecht	A new treatment concept in Endodontics – the laser supported crown-down technique	09:15	S.G.Moretto*; N.Azambuja-Jr; M.Giannini; V.E.Arana-Chavez; A.F.Reis; C.P.Eduardo; P.F.Freitas	Ultramorphological analysis and microtensile bond strength of Er:YAG and Er,Cr:YSGG irradiated dentin
10:00	Heysselaer D *, Tielemans M, Farache M, Umana M, Lahmouzi J, Nejadnik Sh, ZEINOUN T, Nammour S.	Use of Er :YAG laser to improve the sealing quality of MTA treatment of root defects.	09:30	Patricia Moreira de Freitas1, Caroline Maria Vanazzi Dias Cardoso2, Simone Gonçalves Moretto3, André Dias Neves Lago3, Carlos de Paula Eduardo4	Shear bond strength of composite resin to dentin irradiated and submitted to different adhesive protocols
10:15	Coffee Break & Exhibition Visit				
10:45	Akira Aoki	Current Status of Er:YAG laser in Periodontics	10:45	S.G.Moretto*; N.Azambuja-Jr; I.Maden*, Z. Kazak	Ultramorphological analysis and microtensile A Comparison between Er:YAG Laser and Conventional Tools for Effectiveness and Patient Comfort of Tooth Substance Removal During Cavity Preparation
11:30	Anton Sculean	Antimicrobial photodynamic therapy in non surgical and surgical periodontal therapy	11:15	Z. Kazak*, I. Maden	Dental Lasers Used In Daily Office Practice
12:15	Dimitrios Charoulis	Aggressive Periodontitis. Nd:YAG or Antibiotics supported conventional treatment.	11:30	Ali Obeidi	Improvement of bond strength of the new bonding generations to laser prepared dentin
12:30	Rene Franzen*, Jörg Meister, Silke Falken, Norbert Gutknecht	Bactericidal effects on Enterococcus faecalis in endodontics achieved with different pulse durations and wavelengths – a comparison of common dental laser systems	11:45	F. Ahran, M. Poosti, P. Motahhary	The effects of Er:YAG laser etching for orthodontics on demineralization resistance
12:45	Lunch & Exhibition Visit				
14:15	LOH Hong-Sai	Current surgical and therapeutic uses with future prospects for lasers in oral and maxillofacial surgery	12:00	Ansari G*. Fekrazad R, Ghassemi A, Nadimi H.	Comparing microleakage level of fissure sealant between Er,Cr:YSGG and Phosphoric acid prepared surface
15:00	Jean-Paul Rocca	Er:YAG laser and current oral surgery	12:15	F. Ahrari*, M. Poosti, P. Motahhary	The effects of Er:YAG laser etching for orthodontics on demineralization resistance of enamel surface
15:45	Ralf Borchers	Diode Lasers in Oral Surgery/ cw versus pulsed mode	12:30	BERTRAND M.F., FUSARI C., FYOT C., AUGROS C., ROCCA J.P	Er:YAG laser prepared enamel: influence of energy density and acid etching time on resin-enamel interfaces
16:00	P. Vescovi	A Comparative histomorphometric analysis of human oral mucosa biopsies performed through Nd:YAG , Er:YAG laser and traditional scalpel	14:15	Carmen Todea	Highlights in laser-assisted endodontic treatment
16:15	A Del Vecchio*1, U Romeo 1, G Tenore 1, G Palaia 1, N Gutknecht 2, JP Rocca 3, A Polimeni	Bone cut effectiveness of Erbium:YAG laser compared with other cutting devices. A histological in vitro experience	14:45	Iris Brader	Endodontic treatment with and without additional Nd:YAG laser treatment in a general dental clinic Purpose
16:30	Marques M.M.*. Moreira M.S.; Ferreira L.S.; Ariga S.K.K.; Ribeiro A.L.; Meneguzzo D.T.; Velasco I.T.	The effect of phototherapy with low intensity laser on inflammation and healing of cryogenic lesions	15:00	M. Carano, M. Vitale	Er:YAG laser application in Dental Root Treatment: 5 years follow-up
16:45	Salam Akash	Diode Laser Use in Oral Cavity	15:15	Nass-Sebrão,C. ;Scaini, F; Alfredo, E.; Cruz-Filho,A;Baratto-Filho, F	Temperature Variation of the External Root Surface During Intracanal Er:YAG Laser Irradiation
17:00	Coffee Break & Exhibition Visit				
18:00	DAY 2 - Wednesday, 10 March 2010				
08:30	Georgios E. Romanos	Clinical applications of laser in periodontics and dental implantology	08:30	A. Braun	Antimicrobial Photodynamic Therapy (aPDT) – possibilities and limitations

DAY 2 - Wednesday, 10 March 2010

Time	Venue: Name	WFLD Main Hall Title	Time	Venue: Name	WFLD Side Hall Title
08:30	Georgios E. Romanos	Clinical applications of laser in periodontics and dental implantology	08:30	A. Braun	Antimicrobial Photodynamic Therapy (aPDT) – possibilities and limitations
08:45			08:45		
09:00			09:00		

09:15	Gerd Volland	Physics of a Diode Laser Sapphire Knife , first clinical results of a randomized study	09:15	M. Schneider, G. Kirfel, F. Krause, O. Brede, M. Frentzen, A. Braun	Therapy (aPDT) on Streptococcus mutans in an artificial biofilm model
09:45	Brancati R.- Florio G.- Rocca J.P.	Synergy of a diode and Er:YAG laser in oral surgery	09:30	A. Braun, C. Beisel, O. Brede, M. Frentzen, F. Krause	Laser fluorescence measurements of carious lesions covered with a novel nanofilled fissure sealant in vitro
10:00	Andreas Aspros	Lasers in Minor Oral Surgery	09:45	O. Brede, M. Frentzen, A. Braun	Sopro Life® - A new optical caries detector system
10:15	Coffee Break & Exhibition Visit				
10:45	Carlos de Paula Eduardo	New generation ceramics and laser dentistry	10:45	K. Awazu*, K. Ishii, M. Saiki, K. Yasuo, K. Yamamoto, K. Yoshikawa	Selective removal of carious dentin using a novel mid-infrared wavelength ~6.02 micro meter
11:00			11:00	Abad-Sánchez Daniel*, España-Tost Antonio, Arnabat-Dominguez Josep	Clinical Evaluation of Low Level Laser (660nm) for the treatment of Dentinal Hypersensitivity
11:15			11:15	A Bagheri*, R Fekrazad	Effects of photodynamic therapy in oral and maxillofacial tumors
11:30	Samir Nammour	Help of CO2 laser in the management of oral soft tissue in prosthetic surgery and oral esthetics	11:30	Luciane H. Azevedo*, Vivian C. Galletta, Carlos de Paula Eduardo, Dante A. Migliari	Oral varix treated by photocoagulation with high-intensity diode laser
12:15	Seyed Masoud Mojahedi, Leon Vanweersch, Norbert Gutknecht	Cellular Evaluation of Healing (Fibroblast) after Laser Radiation	11:45	M.C.Vitale*, D.Zaffe, A.Profumo, L.Cucca, M.Carano, G.Macconi, M.Destro, A.R.Botticelli	Fluoride uptake and enamel changes after Er:YAG and Diode laser irradiation
12:30	A. Espana*, J. Pie, J. Arnabat, C. Gay-Escoda	Upper lip frenectomy performed with CO2 or Er,Cr:YSGG Laser. A prospective comparative study	12:00	Meenakshi and Loh Hong Sai	The myelination effects of low level laser therapy on the rat's sciatic nerve, following lysolecithin-induced demyelination
12:45	Lunch & Exhibition Visit				
14:15	Aldo Brugnera Jr	Laser Phototherapy in Dentistry	14:15	Dr Hisham Abdalla	Advanced Oral Soft Tissue Laser procedures; Surgical, Cosmetic and Regenerative
15:00	Alyne Simões, Fernanda P. Eduardo, Luana Campos, Márcio Cristófaró, Márcia M. Marques, José Nicolau, Carlos P. Eduardo	Laser and LED as therapies for oral complications induced by chemotherapy and/or radiotherapy	14:45	N. Shokouhinejad *, H. Razmi, R. Fekrazad, S. Asgary, A. Neshati	Push-out bond strength of MTA and a new endodontic cement following Er,Cr:YSGG laser or ultrasonic root-end preparation
15:15	LAHMOUZI J *, Farache M, Heysselaer D, Tielemans M, Umana M, Nejadnik S, ZEINOUN T, Nammour S.	The Effects of Low Level Laser Therapy (LLLT) on bone regeneration: an in Vivo study	15:00	Kenji Yoshida	LLLT for neuropathy following dental treatment
15:30	Isao ISHIKAWA, Yoshihide OKAGAMI, Yuichi IZUMI, Makoto UMEMA, Fumito TSUCHIYA, Akiko TSUNO, Teruo OKANO	Effect of a high power red LED on periodontopathic bacteria as antimicrobial PDT	15:45	Reza Fekrazad, Katayoun AM Kalhori	Nanoparticles and Photo thermal treatment with laser "Trojan Horse" vs. conventional photodynamic therapy in Dentistry
15:45	R. C. A. Pizzo*; J. G. Speciali; F. Dach; V. H. Panhoca; V. S. Bagnato;	LED THERAPY FOR TMJ AND CERVIKOGENIC HEADACHE TREATMENT	16:00	PEREZ-RODRIGUEZ MJ. *, ARNABAT J., ESPANA A.	LASER PULPOTOMY IN MIXED DENTITION: A LITERATURE REVIEW
16:00	Torsten Kuypers, Norbert Gutknecht	FULL LASER - PREPPED CEREC INLAYS, LONG TERM STUDIES, RE-LIVE-FILM PRESENTATION	16:15	Romanos, G.E.1* Ren, Y.2, Flessas, J.2, Malmstrom, H.2, Caton, J	Laser Irradiation Effects on Titanium Disk Surfaces
16:30	Pinheiro,A*, Silveira Jr, L., Pacheco, M., Correia, N, Soares, L.G., Lopes, C, Zanin,F, Brugnera Jr, A	The effect of the association of near infrared Laser Therapy, Bone Morphogenetic Proteins, and Guided Bone Regeneration on tibial fractures treated with internal rigid fixation: A Raman spectroscopic study	16:30	F. FLOREZ; A. FIGUEIREDO; L. MORIYAMA; O. OLIVEIRA JÚNIOR and V. BAGNATO.	In Vitro Study of the influence of the pigments of three colored gels over the light distribution of visible light by digital images
16:45	Peter Kleemann, Norbert Gutknecht	Lasers plus Orthodontics	16:45	Tahereh Fattah*, Hale Kazemi, Reza Fekrazad, Katayoun A.M Kalhori, Hadi Assadian	Microleakage of composite restorations following Er,Cr:YSGG laser application
17:00	Coffee Break & Exhibition Visit				
18:00	DAY 3 - Thursday, 11 March 2010				

Time	Venue: Name	WFLD Main Hall Title	Time	Venue: Name	WFLD Side Hall Title
08:30	Toni Zeinoun	Laser application in Oral Surgery and in periodontics	08:30	Gerhard Undt	Use of the Holmium:YAG-laser in temporomandibular joint and salivary gland
09:15	Boris Gaspirc	Er:Yag and Nd:Yag laser-assisted periodontal plastic surgery	09:00	F. Tasar , E. Tosun ,S. Guney* ,I. Adiloglu ,M. Sayse	TREATMENT OF BONE IN MANDIBULA DURING AND AFTER BISPHOPHONATE THERAPY
09:30	G: Florio* J.P. Rocca	Torus mandibularis laser assisted clinical osteotomy.	09:15	Alireza Fallah	Effects of 980 Diode Laser Treatment Combined with Scaling and Root Planing on Periodontal Pockets in Chronic Periodontitis Patients
09:45	Lajos Gáspár	The role of lasers and antioxidants in the periodontal diseases and dental implantology.	09:30	Stefan Grümer	Pocket volume related energy-dose application of laser-light to obtain sufficient results in laser-adjutant treatment of adult periodontitis. A longitudinal long-term study
10:00	Vasileios Zarganis	Scanning Electron Microscopy Analysis of Bone Removal Using Er:YAG Max Mode of Fidelis Plus II Dental Laser	09:45	Makhlouf M, Dahaba M, Tuner J, Eissa S, and Harhash T	A Clinical, Immunological, and Digital Radiographic Study on the Effect of Low Level Diode Laser on Chronic Periodontitis
			10:00	Ambrose Chan*, Patricia Armati	Pulsed Nd:YAG (He:Ne) Laser Induces Axonal Varicosity Formation in Rat Doral Root Ganglion Cultures- A study of relevance to its analgesic effects.

10:15	Coffee Break & Exhibition Visit				
10:45	Matthias Frentzen	The Use of Ultrashort Pulsed Laser Technology in Dentistry	10:45	Joyce Fong	To study the early implant stability i vivo (A pilot comparison of implant site osteotomy by conventional stepped drill and Er:YAG laser and osteotome technique)
11:30	Carlo Fornaini	Intraoral Laser Welding: State of Art	11:00	A. Mazzini* ¹ , G. Marcato ¹ , JP. Rocca ¹ , G. Bertoloni ² , S. de Niederhäusern ³ , M. Bondi ³	Antibacterial activity of a porphyrin photoactivated by laser light
12:00	C. Bertrand* 1, A. Poulon-Quintin ²	Pulse shaping: a key parameter for dental alloy laser welding	11:15	Frederic Gaultier	Lasers in muco-gingival, periodontal and implant surgery: the HSP implication.
12:15	Gabriele Schindler-Hultzsich	The Laserkids Concept – Treatment Concept for Laser-Assisted Pediatric Dentistry	11:30	Arnabat- Domínguez, Josep; Hrichi, Radia ; Vidal- Bel August ; España -Tost, Antonio Jesús; Gay-Escoda, Cosme.	Comparative Study in vivo of thermal damage on soft tissues by CO ₂ , Er,Cr:YSGG and diode lasers
12:30	YIANNIKOU-LOUKAIDOU ANNA-MARIA	How to Design a Dental patient satisfaction survey	11:45	Talat Qadri DDS PhD student, Pavlina Poddani, dental hygienist, Fawad Javad DDS PhD, Jan Tunér DDS*, Ander Gustafsson DDS PhD.	The long-term effect of water cooled Nd:YAG laser in periodontal pockets
12:45	Lunch & Exhibition Visit				
14:15	Yoshimitou Abiko	Functional genomic study on the biostimulatory effects of Low Level Laser Irradiation	12:00	Nass-Sebrão, Cátia; Silva, P.I.G; Serapião,C.J; Paza, A.O.	Histological comparison between soft tissue injuries produced by electronic scalpel and diode laser 808nm
14:45	Genç Ghizlane, Kocadereli İlken, El Sibel, Taşar Ferda, Kılıç Kamer	The effect of application of low level laser therapy (LLLT) on orthodontic tooth movement (preliminary report)	12:15	ROMEO U*1, DEL VECCHIO A1, PALAIA G1, TENORE G1, NAMOUR S2, ROCCA JP3, POLIMENI A1	EFFECTS OF DIFFERENT LASERS IN ORAL SOFT TISSUES: HISTOLOGICAL AND CLINICAL EVALUATIONS
15:00	Maryam Kuzekanani*&Prof.Laurence Walsh	Quantitative analysis of KTP laser photodynamic bleaching of Tetracycline discoloured teeth	12:30	Ram M. Vaderhobi, Christine Le and Joel M. White	In Vitro Study of the Effects of Short Pulsed CO ₂ Laser Parameters on Soft Tissue Excision and Sulcular Debridement
15:15	Dimitris Strakas	Nd:YAG laser bleaching. Recent improvements and clinical presentations	14:15	Fekrazad R, Chitsazan A, Kalhori AM K	All procedures of Free Gingival Grafting with Laser
15:30	J. Meister*, A. Querengässer, R. Franzen, N. Gutknecht	Er:YAG laser assisted bleaching: Temperature investigations	14:30	Hans J. Koort	The hygiene standards in laser dentistry
15:45	N. Gutknecht, R. Franzen, A. Querengässer, J. Meister	Er:YAG laser assisted Bleaching: The clinical application	14:45	Jaafan Rahmani Khananmei	Photobiological Effects of Helium neon Laser on Hematologic and Biochemical Factors in Rabbit 's Blood
16:00	F.Florez, A. Figueiredo J.Vollet-filho, O.Oliveira-Junior and V.Bagnato	Time-course diffusion of hydrogen peroxide by fluorescence induced by laser	15:00	F. Sperandio	Epidermal constitutive proteins during woundhealing following phototherapy
16:15	Umana M *, Zeinoun T, Heysseleer D, Tielemans M, Farache M, Lahmouzi J, Nejadnik S, Nammour S.	Treatment of dentinal hypersensitivity by different laser beams (Diodes, KTP and CO ₂). An in vitro study.	15:15	Peter Fahlstedt	Do we know what we are doing? And, is it important?
16:30	D.Dovsak	Achieving esthetics with lasers – which wavelengths should we use?	15:30	Katayoun AM Kalhori , Norbert Gutknecht ,Reza Fekrazad	Evaluation of Carbonization in Retrograde Cavity Walls Following Gutta-Percha Removal by Nd:YAG Laser (in vitro)
16:45	Nejadnik Sh *, Heysseleer D *, Tielemans M, Farache M, Umana M, Lahmouzi J, ZEINOUN T, Nammour S	Influence of bevelling preparation by Er:YAG Laser on marginal adaptation	15:45	Babaloo AR*-Lafzi A-Sadighi M	The use of lasers in periodontal practice. (A literature review)
17:00	Coffee Break & Exhibition Visit				
18:00	Coffee Break & Exhibition Visit				
16:00	Maziar Mir1,2 Tatiana B. Krasieva2, Jun Zhang2, Yeh-Chan Ahn2, Hilari, Kawakami-Wong, Norbert Gutknecht1, Friedrich Lampert1, Zhongping Chen2, Petra Wilder-Smith1,2	OCT/ ODT and MPM monitoring of PULPAL DIAGNOSIS AND TREATMENT	16:00	M.Kuzekanani	Current applications of Laser in Endodontics
16:15	M.Kuzekanani	Current applications of Laser in Endodontics	16:30	Fekrazad R, Chitsazan A, Kalhori AM K	All procedures of Free Gingival Grafting with Laser
16:30	Fekrazad R, Chitsazan A, Kalhori AM K	All procedures of Free Gingival Grafting with Laser	16:45	Maziar Mir 1&2, Leon Vanweersch 1, Friedrich Lampert 1 and Norbert Gutknecht	APPLICATIONS OF LASERS IN PAEDIATRIC DENTISTRY