



14th Biennial Congress of the European Society of Endodontology

CONGRESS POSTER PRESENTATIONS

(Those submitted to local ESE Organising Committee)

Edinburgh International Conference Centre
September 24-26 2009
Edinburgh, Scotland

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CONGRESS POSTER PRESENTATIONS

Poster Presentations submitted to Local ESE Organising Committee

Thursday 24th September 2009

Posters will be on display throughout the day however the times that the authors will be present at their poster are listed below:-

09.45 – 10.30 hrs

Poster 1

Management of rapid internal root resorption caused by a direct pulp capping: A Case Report

Akcay A, Uyanik MO, Askin K, Gorduysus M Hacettepe University Faculty of Dentistry Department of Endodontics, Ankara, Turkey

Poster 2

A mandibular molar with three mesial roots: A Case Report

Aktemur S, Department of Endodontics, Hacettepe University, Ankara, Turkey (presenting author); Atila B, Department of Endodontics, Hacettepe University, Ankara, Turkey; Aktemur S, Department of Endodontics, Hacettepe University, Ankara, Turkey; Uyanik MO, Department of Endodontics, Hacettepe University, Ankara, Turkey.

Poster 3

Endodontic treatment of an invaginated maxillary lateral incisor with a periradicular lesion: A Case Report.

Barankiewicz D. Private Practice, Kalisz, Poland; Pawlicka H. Department of Endodontics, Lodz, Poland.

Poster 4

The C-shaped mandibular molar and intentional replantation.

Botacz-Rzepkowska E. Department of Conservative Dentistry Medical University of Lodz, Lodz, Poland. Zecin A. Private Endodontic Surgery, Lodz, Poland. Leski M. Department of Endodontics, Medical University of Lodz, Lodz, Poland.

Poster 5

Management of severe cervical external root resorption - a 4-year follow-up.

Deroose CAJG, Calberson FL, Hommez GM, De Moor RJG. Department of Restorative Dentistry and Endodontology, Ghent University Hospital, Ghent University, Ghent, Belgium.

Poster 6

Retreatment of a maxillary second molar with six root canals: A Case Report

Leconte M, Minoodt I, Slaus G, Bottenberg P, Free University of Brussels, Brussels, Belgium.

Poster 7

Endodontic therapy of fused teeth in the permanent dentition: Two Case Reports

Pazin B Dent CI Zagreb, Malcic A University School of Dentistry Zagreb, Prpic Mehicic G University School of Dentistry Zagreb, Sepic BM Dent CI Zagreb, Croatia

Poster 8

Root canal treatment of a mandibular canine with two roots

Askin Kerem, Uyanik M.Ozgun, Dagli Fugen. Hacettepe University Faculty of Dentistry Department of Endodontics, Ankara, Turkey.

Poster 9

Upper molars with 2 palatal roots: Report of rare cases

Kalogeropoulos KC, Lamprou MK, Khabbaz MG. Department of Endodontics, Athens Dental School, University of Athens, Athens, Greece.

Poster 10

Endodontic treatment of lower premolars with complex canal systems

Ilic J, Vujaskovic M, Teodorovic N, Nedeljkovic R. University School of Dentistry, Belgrade, Serbia.

13.00 – 14.00 hrs

Poster 11

Efficacy of inferior alveolar nerve block in reversible and irreversible pulpitis

Fragouli E, Panopoulos P, Georgopoulou MK, School of Dentistry, Athens, Greece.

Poster 12

Conservative treatment extraoral fistulas of odontogenic origin. Report of two cases.

Kasampali M.*, Mikrogeorgis G.**, Lyroudia Kl.*** Department of Endodontology, Dental School, Aristotle University of Thessaloniki, Thessaloniki, Greece. *Postgraduate Student **Postdoc ***Associate Professor

Poster 13

The over-prescribing of antibiotics for a maxillary lateral with acute apical abscess

Ozbozda E. Aktener B. O., Division of Endodontology School of Dentistry, Ege University, Turkey.

Poster 14

Long-term clinical evaluation of mineral trioxide aggregate (MTA) as a pulpotomy agent in immature teeth

Sübay RK*, İlhan B, Ulukapi H, Ulukapi I. Istanbul University, School of Dentistry, Istanbul, Türkiye.

Poster 15

Management of a crown-root-fractured central incisor: a case report of surgical extrusion

Sübay RK, Mert V*, Sübay Ordulu M, Uzuner Y. Istanbul University, School of Dentistry, Istanbul, Türkiye.

Poster 16

Apical plug technique using mineral trioxide aggregate: results from a case series

Teodorovic N. University School of Dentistry, Belgrade, Serbia. Vujaskovic M. University School of Dentistry, Belgrade, Serbia.

Poster 17

Intentional replantation of a vertically fractured tooth repaired with an adhesive resin

Unver S, Onay EO, Ungor M. Baskent University School of Dentistry, Ankara, Turkey.

Poster 18

Treatment of endo-perio lesions with a Perio-Film preparation. A Case Report

Banaszek K. Department of Endodontics, Medical University of Lodz, Lodz, Poland.

Poster 19

Garre's osteomyelitis resolved by endodontic treatment and use of ozone therapy: A Case Report

Pavelic B*, Katanec D**, Segovic S*, Galic N*, Anic I*

*Department of Endodontics and Restorative Dentistry School of Dental Medicine, Zagreb, Croatia.

**Department of Oral Surgery, School of Dental Medicine, Zagreb, Croatia.

Poster 20

Parasthesia of the inferior alveolar nerve as a result of endodontic treatment of tooth 37

Segovic S, Katunaric M, Pavelic B, Anic I. Department of Endodontics and Restorative Dentistry, School of Dental Medicine, University of Zagreb, Zagreb, Croatia.

Poster 21

Endodontic retreatment of an auto transplanted maxillary canine: a case report

Karabulut I, Kartal N, Cimilli H, Marmara University School of Dentistry, Istanbul, Turkey.

Poster 22

The use of ultrasonics in endodontics: modern applications

Maggos S, Kalogeropoulos KC, Khabbaz MG Department of Endodontics, Athens Dental School, University of Athens, Athens, Greece.

Poster 23

Treatment of immature permanent incisors with ProRoot MTA as an apical plug: A Case Series

Santos JM, Palma PJ, Ramos JC Department of Dentistry Faculty of Medicine, University of Coimbra, Portugal.

Poster 24

Healing of a large periapical lesion and molecular identification using polymerase chain reaction

Sevimay S, Ankara University Faculty of Dentistry, Ankara, Turkey. Acik L, Gazi University Science and Arts Faculty, Ankara, Turkey. Baser E D, Ankara University Faculty of Dentistry, Ankara, Turkey (presenter).

Poster 25

Invasive cervical root resorption: Presentation of cases.

Laszkiewicz J, Ciesielski P, Piatowska D. Department of Cariology, Endodontology and Periodontology, Medical University, Lodz, Poland.

Poster 26

Avulsed tooth with 18 hour-delayed replantation: 20 month follow-up case report

Sagsen B, Erciyes University School of Dentistry, Kayseri, Turkey. Ertas H, Erciyes University School of Dentistry, Kayseri, Turkey. Ertas E, Erciyes University School of Dentistry, Kayseri, Turkey. Er O, Erciyes University School of Dentistry, Kayseri, Turkey.

Poster 27

Endodontic resurgery - management of a failed case

Souza EM, Silva VC. University Center of Maranhão - UniCEUMA, São Luis, Brazil. Van der Sluis, LW. Academic Centre for Dentistry Amsterdam, The Netherlands.

16.10 – 16.55

Poster 28

The use of Cone Beam Computerized Tomography in endodontic treatments

Sanna C*, Cuppini E*, Cascino E*, Rimoldi C**, Generali L***, Ciabattini A**, Ambu E***

*Practitioner in Bologna, Italy. ** Practitioner in Faenza, Italy.

*** University of Modena-Reggio Emilia, School of Dentistry, Modena, Italy.

Poster 29

Cone Beam Computed Tomography as a pre-operative tool in trisection endodontic surgery of maxillary molars

Buettel L, Walter C, Weiger R. Department of Periodontology, Endodontology and Cariology, Institute of Dentistry, University of Basel, Basel, Switzerland.

Poster 30

CBCT evaluation of spontaneously healed root fracture: A Case Report

Aksoy U, Kalender A. Near East University, Faculty of Dentistry, Department of Endodontics Oral and Maxillofacial Nicosia, Mersin 10, TURKEY. Orhan K. Ankara University, Faculty of Dentistry, Department of Oral Diagnosis and Radiology, Ankara, Turkey.

Poster 31

Management of a lateral root lesion using an endoscope.

Rosano G, Taschieri T, Weinstein T, Saita M, Del Fabbro M. University of Milano, Department of Health Technologies, IRCCS Istituto Ortopedico Galeazzi, Milano, Italy.

Poster 32

The use of Cone Beam Computed Tomography in the treatment of a taurodontic lower premolar

Kosteljik H, Slaus G, Bottenberg P, Free University of Brussels, Brussels, Belgium.

Friday 25th September 2009

10.00 – 10.45

Poster 33

Prevalence of use of a microscope or loupes in Endodontics: a report based on a questionnaire

Alaerts M, VUB, COPR-Endodontology, Brussels, Belgium. Chami R, VUB, COPR-Endodontology, Brussels, Belgium. Slaus G, VUB, COPR-Endodontology, Brussels, Belgium. Bottenberg P, VUB, COPR-Endodontology, Brussels, Belgium.

Poster 34

3-D In vitro imaging of root canal system

Arbab-Chirani R, Chevalier V, Jacq JJ, Roux C. LATIM-INSERM U650, Brest, France. University of Bretagne Occidentale, School of Dentistry, Brest; France.

Poster 35

The ability of radiographs to determine root canal curvature

EIayouti A, Futter K, Dima E, Löst C; Department of Conservative Dentistry and Endodontology, University of Tübingen, Germany. Judenhofer MS, Pichler BJ; Department of Radiology, Laboratory for Preclinical Imaging and Imaging Technology of the Werner Siemens-Foundation, University of Tübingen, Germany.

Poster 36

Endoscope versus surgical loupes in root-end management: a 4-year follow up randomized study.

Weinstein T, Taschieri S, Rosano G, Del Fabbro M. University of Milano, Department of Health Technologies, IRCCS Istituto Ortopedico Galeazzi, Milano, Italy.

Poster 37

Detection of the mental foramen by cone-beam CT imaging in Taiwanese individuals

Tu MG, Dai PW. School and Department of Dentistry, China Medical University and Hospital, Taichung, Taiwan Huang HL, Hsu JT, Chen SY. School of Dentistry, China Medical University, Taichung, Taiwan

Poster 38

Technical quality of root fillings completed by undergraduate students using rotary versus hand preparation techniques

Bandere A, Kundzina R, Liepina L, Neibergera-Pukite I, Legzdina L. Department of Conservative Dentistry, Riga Stradins University, Latvia.

Poster 39

Prevalence of Apical Periodontitis and the quality of root canal treatment in an adult population of Riga

Jersa I, Kundzina R, Albina M. Riga Stradins University, Riga, Latvia.

Poster 40

Periapical health of Croatian populations during the Late Antique / Early Middle Ages transition

Vodanović M (1)*, Brkić H (1), Njemirovskij V (1), Galić N (2), Claus M (3)

1 *Department of Dental Anthropology, School of Dental Medicine, University of Zagreb, Croatia

2 *Department of Endodontics and Restorative Dentistry, School of Dental Medicine, University of Zagreb, Croatia

3 *Department of Archaeology, Croatian Academy of Sciences and Arts, Zagreb, Croatia.

Poster 41

Evaluation of RCT case complexity on dental undergraduate clinics using a modified case assessment form

McFadzean R*, Restorative Section, University of Glasgow Dental School and Hospital, Glasgow, Scotland.

Pettigrew K, Restorative Section, University of Glasgow Dental School and Hospital, Glasgow, Scotland.

Donn J, Restorative Section, University of Glasgow Dental School and Hospital, Glasgow, Scotland.

Murray C A, Restorative Section, University of Glasgow Dental School and Hospital, Glasgow, Scotland.

Poster 42

The Frequency of Endodontic Treatment and The Prevalence of Apical Periodontitis in Romanian Adults

Melian A, Salceanu M, *Solomon S, Vataman M Department of Endodontics / *Department of Periodontology Faculty of Dental Medicine University of Medicine and Pharmacy' Gr. T. Popa' Iasi Iasi, Romania.

13.00 – 14.00

Poster 43

Correlation between sealer penetration and microleakage following the use of MTAD as a final irrigant

Ghoddusi J, Professor of Endodontics, Mashad Dental Research Center, Faculty of Dentistry, Mashad Medical University, Mashad, Iran. Fatemeh Dibaji, Endodontist, Private Practice.

Poster 44

The effect of differing concentrations of NaOCl and EDTA on the microhardness of human root dentine

Gutteridge DL, Al-Amri K, Leeds Dental Institute, Leeds, UK.

Poster 45

The effect of MTAD, citric Acid and EDTA_NaOCl on the coronal leakage of root canals (An in vitro study).

Dr Maryam Zare Jahromi - Assistant Professor of Endodontics Dept. Faculty of Dentistry - Islamic Azad University of Khorasgan - ISFAHAN - IRAN, Dr Mehrdad Barekatin - Assistant Professor of Operative Dentistry Dept. Faculty of Dentistry - Islamic Azad University of Khorasgan - ISFAHAN-IRAN, Dr Farshad Molaeinasab - Assistant Professor - Islamic Azad University of Khorasgan - ISFAHAN-IRAN, Dr Bahareh Askari - Dentist.

Poster 46

Efficiency of syringe irrigation, RinsEndo and ultrasonics in removing debris from different-sized root canals

Rödig T. Department of Operative Dentistry, Preventive Dentistry and Periodontology, Georg-August-University of Göttingen, Göttingen, Germany. Sedghi M. Private Dental Practice, Fulda, Germany. Konietschke F. Centre for Statistics, Georg-August-University of Göttingen, Göttingen, Germany. Lange K. Centre for Statistics, Georg-August-University of Göttingen, Göttingen, Germany. Hülsmann M. Department of Operative Dentistry, Preventive Dentistry and Periodontology, Georg-August-University of Göttingen, Göttingen, Germany.

Poster 47

A comparison of apically extruded debris and irrigant using different rotary systems and irrigating needle

Emre Altundasar, Hacettepe University Faculty of Dentistry, Department of Endodontics, Ankara, Turkey.
Ozgur Uyanik, Hacettepe University Faculty of Dentistry, Department of Endodontics, Ankara, Turkey.
Emre Nagas, Hacettepe University Faculty of Dentistry, Department of Endodontics, Ankara, Turkey.
Ahmet Serper, Hacettepe University Faculty of Dentistry, Department of Endodontics, Ankara, Turkey.

Poster 48

The effects of temperature and pH variations on the surface tension of EDTA solutions

Yilmaz Z*, Kaya FB**, Aktemur S*, Dogan Buzoglu H*, Gümüşderelioglu M**.

*Department of Endodontics, Faculty of Dentistry, Hacettepe University, Ankara/TURKEY.

**Chemical Engineering and Bioengineering Departments Hacettepe University, Ankara/TURKEY.

Poster 49

Irrigant penetration into dentinal tubules: A study in vitro

Generali L, Cavani F, Ambu E, University of Modena e Reggio Emilia, School of Dentistry, Modena, Italy.

Poster 50

The effect of surface modifiers on dentine softening properties of EDTA, NaOCl and Chlorhexidine Gluconate.

Altundasar E, Demir EE, Dogan Buzoglu H, Serper A

Hacettepe University, Faculty of Dentistry, Department of Endodontics, Ankara, Turkey.

Poster 51

Evaluation of the Effects of Nd:YAG and D:ode Laser In Vitro on Some Microorganisms in the Root Canal.

Asci S*, Gerek M**,Yaylali D.I***.

*Istanbul University Faculty of Dentistry, Department of Endodontology, Istanbul, TÜRKYE.

**Yeditepe University Faculty of Dentistry, Department of Endodontology, Istanbul, TÜRKYE.

***Istanbul University Faculty of Dentistry, Department of Microbiology, Istanbul, TÜRKYE.

Poster 52

Cryopreserved Dental Pulp Stem / Progenitor Cells from miniature pigs: a tool for regenerative endodontics.

Kodonas K, Department of Endodontology, School of Dentistry, Aristotle University of Thessaloniki, Greece.
Kouzi-Koliakou K, Laboratory of Histology-Embryology, Medical School, Aristotle University of Thessaloniki, Greece.
Karakitsos J, Laboratory of Histology-Embryology, Medical School, Aristotle University of Thessaloniki, Greece.
Papadimitriou S, Clinic of Surgery, School of Veterinary Medicine, Aristotle University of Thessaloniki, Greece.
Gogos C, Department of Endodontology, School of Dentistry, Aristotle University of Thessaloniki, Greece.
Tziafas D, Department of Endodontology, School of Dentistry, Aristotle University of Thessaloniki, Greece.

Poster 53

Quality of root canal filling in teeth with internal resorption - comparison of different filling techniques

Netolicky J., Zahlavova E. Dentistry Department, Charles University, Pilsen, Czech Republic.

Poster 54

Pulp revascularization, root development and dentine wall thickening of necrotic immature dog teeth using new treatment protocol

Khademi A, Dianat O, Razavi M, Isfahan University of Medical Sciences, Iran.

16.25 – 17.10

Poster 55

Comparison of chemical differences of Resilon, ActiV GP, and Gutta-Percha in different solvents: PEDXRF, XRD and Raman Spectrometric Study

Atila B, Hacettepe University, Faculty of Dentistry Dept of Endodontics Ankara/Türkiye. Özçelik B, Hacettepe University, Faculty of Dentistry Dept of Endodontics Ankara/Türkiye. Atila B, Hacettepe University, Faculty of Dentistry Dept of Endodontics Ankara/Türkiye. Kadioglu YK, Ankara University, Faculty of Engineering Dept of Geological Engineering Ankara, Türkiye.

Poster 56

Effect of sealer thickness on sealing ability of four root canal sealers

Ozcopur B, Tarhan K, Belli S, Eldeniz AU.

Yeditepe University, School of Dentistry, Istanbul & Selcuk University, School of Dentistry, Konya, Turkey.

Poster 57

Comparison of the Sealing Ability of Three Filling Techniques in Canals Shaped with Two Different Rotary Systems: A Bacterial Leakage Study

Tuncel B, Department of Endodontics, Faculty of Dentistry, Hacettepe University, Ankara, Turkey. Tasdemir T, Er K, Department of Endodontics, Faculty of Dentistry, Karadeniz Technical University, Trabzon, Turkey. Yildirim T, Department of Operative Dentistry, Faculty of Dentistry, Karadeniz Technical University, Trabzon, Turkey. Buruk K, Department of Microbiology, Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey. Celik D, Cora S, Tahan E, Department of Endodontics, Faculty of Dentistry, Karadeniz Technical University, Trabzon, Turkey. Serper A, Department of Endodontics, Faculty of Dentistry, Hacettepe University, Ankara, Turkey.

Poster 58

Evaluation of the apical sealing ability of different obturation materials

Melih I, Pesic D, Popovic M, Jakovljevic A. Faculty of Stomatology, University Novi Sad, Pancevo, Serbia.

Poster 59

Evaluation of saliva penetration in root canals filled with Mineral Trioxide Aggregate and Thermafil gutta-percha

Stavileci M, Hoxha V, Kocani F, Kamberi B, Ajeti N. University of Prishtina, Faculty of Medicine, Department of Dental Pathology and Endodontics, Prishtina, Kosova.

Poster 60

Hardening of MTA and SuperEBA in different pH solutions.

Loghi S, Nicosia D, Malvano M, Eramo S**, Angerame D***.

*** University School of Dentistry, Trieste, IT ** University School of Dentistry, Perugia, Italy.

Poster 61

Effectiveness of 2% CHX-gel and 2.5% NaOCl on bacteria and endotoxins in primary root canal infection

Martinho FC*, Vianna M.E, Almeida JFA, Ferraz CCR, Zaia AA, Souza-Filho FJ, Gomes BPFA. Department of Restorative Dentistry, Endodontic Division, Piracicaba Dental School, State University of Campinas, Piracicaba, SP, Brazil.

Poster 62

Bacterial microleakage in root canals filled with Epiphany/Resilon root canal filling material

L.Kjiku¹ DDS, MS, I.Miletic² DDS, PhD, P.Städtler¹ DDS, PhD, A.Baraba² DDS, I.Anic² DDS, PhD

¹ Department of Restorative Dentistry, University Dental Clinic, Graz, Auenbruggerplatz 6A-8036 Graz, Austria.

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Saturday 26th September 2009

10.00 – 10.45

Poster 63

Microtensile bond strength of dual and chemical cured cements used with various glass fiber post

Omurlu H, Eliguzeloglu E, Eskitascioglu G, Belli S, Gazi University School of Dentistry, Ankara, Turkey.

Selçuk University School of Dentistry, Konya, Turkey.

Poster 64

Survey of dentist groups to investigate their assessment of tooth restorability before root canal treatment

Brennan P, Gulabivala K, Ng Y-L.

Unit of Endodontology, UCL Eastman Dental Institute, University College London, London, UK.

Poster 65

Morphological analysis of teeth treated with FRC posts

*Roubalilkova L, **Matousek A.

*Department of Stomatology, Medical Faculty, Masaryk University, Brno, Czech Republic.

** Institute of Material Science and Engineering, University of Technology, Brno, Czech Republic.

Poster 66

Effect of epoxy-resin based root canal sealer contamination on the bonding of composite resin to dentin

Er O, Erciyes University School of Dentistry, Kayseri, Turkey. Sagsen B, Erciyes University School of Dentistry, Kayseri, Turkey. Ertas H, Erciyes University School of Dentistry, Kayseri, Turkey. Kahraman Y, Erciyes University School of Dentistry, Kayseri, Turkey. Arslan S, Erciyes University School of Dentistry, Kayseri, Turkey. Pala K, Erciyes University School of Dentistry, Kayseri, Turkey. Demirbuga S, Erciyes University School of Dentistry, Kayseri, Turkey.

Poster 67

The effects of different root canal materials on teeth discoloration

Ajeti N, University Dental Clinical Center of Kosova, Prishtina. Hoxha V, University Dental Clinical Center of Kosova, Prishtina. Pustina T, University Dental Clinical Center of Kosova, Prishtina. Vula V, University Dental Clinical Center of Kosova, Prishtina. Kelmendi T, University Dental Clinical Center of Kosova, Prishtina.

Poster 68

Effect of 17% EDTA and MTAD on intra canal smear removal: A scanning electron microscope study.

Puorruosta P, Mozayani M, Javaheri Gh, University School of Dentistry, Tehran, Iran.

Poster 69

Radiographic evaluation of bone healing after piezoelectric endodontic surgery

Esposito SA, Savasta A, Dettori C, Cotti E. University School of Dentistry, Cagliari, Italy.

Poster 70

Comparison of a new versus used apex locator, ex vivo

Arslan S, Kayaoglu G, Tinaz AC, Atan M,

*Gazi University Faculty of Dentistry Operative Dentistry and Endodontics

**Gazi University Faculty of Economy and Administrative Science, Department of Econometrics, Ankara, Turkey.

Poster 71

Comparative ex-vivo study of the effect of three ultrasonic retrotips in the isthmuses of mandibular first molars

Elkhazindar M, Beltes Ch, Malden N, Lopes V. Department of Oral and Maxillofacial Surgery and Oral Medicine, Edinburgh Dental Institute, Scotland, UK. Department of Restorative Dentistry, Edinburgh Dental Institute, Scotland, UK.

12.55 – 14.15

Poster 72

Comparison of fracture strength of mesiobuccal roots following canal preparation by hand and rotary instruments (An in vitro study)

Dr Maryam Zare Jahromi - Assistant Professor of Endodontics Dept. Faculty of Dentistry - Islamic Azad University of Khorasgan - ISFAHAN - IRAN. Dr Parvin Mirzakouchaki Assistant Professor of Operative Dentistry Dept. Islamic Azad University of Khorasgan - ISFAHAN - IRAN. Dr Elnaz Moosavi - Dentist Dr Farshad Molaeinasab - Assistant Professor - Islamic Azad University of Khorasgan - ISFAHAN - IRAN.

Poster 73

Cyclic fatigue resistance of nickel-titanium rotary instruments with different cross-sectional configurations and manufacturing methods

Oh SR, Kum KY. Department of Conservative Dentistry, School of Dentistry, Seoul National University, Seoul, Korea.

Poster 74

Re-location of root canal orifices in molars after rotary instrumentation: a microscopy study

Stratul SI, Rusu D, Victor Babes University, Timisoara, Romania; Didilescu A, Comes C, Carol Davila University, Bucharest, Romania; Bacila A, Dental Clinic Dr. Stratul, Timisoara, Romania.

Poster 75

In vitro assessment of the quality of root canal fillings performed with different techniques

Ciobanu I, Didilescu AC, Iliescu A, Stratul S, Iliescu AIA, Scarlatescu S, Rusu D. Faculty of Dental Medicine, 'Carol Davila' University, Bucharest, and Faculty of Dental Medicine, 'Victor Babes' University, Timisoara, Romania.

Poster 76

Efficiency of rotary Ni-Ti Protaper instruments in root canal preparation of extracted teeth.

An ex-vivo study.

Mastoras K, Gogos Ch, Tziapas D. Department of Endodontology, School of Dentistry, Aristotle University of Thessaloniki, Greece.

Poster 77

SEM study of canal cleaning quality performed by two NiTi rotary specific systems

Diemer F (1), Mestre C (1), Khalil I (2), Vallaey K (1), Mallet JP (1).

(1) UFR d'Odontologie, Toulouse, France.

(2) Saint Joseph University Dental School, Beyrouth, Lebanon.

Poster 78

Evaluation of the centering capacity of the ProTaper TM and ProTaper UniversalTM rotary system to prepare curved root canals

Aguiar CM, Sobrinho P, Teles F, Câmara ACC, Universidade Federal de Pernambuco, Recife, Brazil.

Poster 79

The relationship between inflammatory root resorption and radicular dentine permeability

Hecova H*, Zizka M, Stehlikova J. Dentistry Department of Medical Faculty and Faculty Hospital in Pilsen, Charles University, Prague, Czech Republic.

Poster 80

Production of immunoregulatory cytokines in periapical lesions

Lukić A. University of Belgrade, The School of Dentistry, Belgrade, Serbia.

Gazivoda D. Military Medical Academy, Belgrade, Serbia.

Colic M. Institute for Medical Research, Military Medical Academy, Belgrade, Serbia.

Poster 81

Microflora of root filled teeth with apical periodontitis

Mindere A¹, Kundzina R¹, Nikolajeva V², Eze D², Petrina Z².

1 Riga Stradins University, Faculty of Dentistry, Department of Conservative dentistry, Riga, Latvia.

2 University of Latvia, Faculty of Biology, Microbial strain collection of Latvia, Riga, Latvia.

Poster 82

Bacterial leakage of temporary filling materials between appointments of emergency endodontic treatment without removal of a metal ceramic crown

Kara Tuncer A, Haznedaroglu F - Faculty of Dentistry Department of Endodontics, Istanbul University, Turkey.

Gür H - Faculty of Dentistry, Department of Prosthodontics, Istanbul University, Turkey. Yildirim S - Faculty of

Dentistry Department of Endodontics, Istanbul University, Turkey. Aydin D - Medical Faculty of Istanbul,

Department of Microbiology and Clinical Microbiology, Istanbul University, Turkey.

Poster 83

In vivo study of the maintenance of antimicrobial action of intracanal medicaments against Enterococcus faecalis strains

Montagner F*, Cintra LAT, Almeida JFA, Ferraz CCR, Zaia AA, Souza-Filho FJ, Vianna ME, Gomes BPFA.

Dept of Restorative Dentistry, Endodontic Division, Piracicaba Dental School, State University of Campinas,

Piracicaba, SP, Brazil.

Poster 84

Microbiota of endo-perio lesions by culture and PCR before and after chemo-mechanical preparation and intracanal medicaments

Berber VB, Vianna ME, Gomes BPFA. Dept of Restorative Dentistry, Endodontic Division, Piracicaba Dental

School, State University of Campinas, Piracicaba, SP, Brazil.

Poster 85

A comparison of enterococcal genotypes from the human mouth and cheese

Williams SC, Wade WG. Dental Institute, King's College, London, UK.

16.25 – 17.10

Poster 86

The influence of specialty training and experience on decision making in endodontics

Dechouniotis G, Petridis X, Georgopoulou M. Dental School, University of Athens, Greece.

Poster 87

Effect of calcium hydroxide as an intracanal medication on the apical microleakage of root canals obturated with Resilon

Adel M, Rezayi MH, Yazdizade M. Dental School, Qazvin University of Medical Sciences, Qazvin, IRAN.

Poster 88

Influence of chlorhexidine on the chemical properties and the ability of reducing endotoxin levels by calcium hydroxide

Signoretti FG, Almeida JFA, CCR, Zaia AA, Souza-Filho FJ, Vianna ME, Gomes BPFA, Jacinto RC. sPiracicaba Dental School, State University of Campinas, UNICAMP, Piracicaba, Brazil.

Poster 89

The rapid disinfection of gutta-percha cones

Kelmendi T, Hoxha V, Kamberi B, Ajeti N, Vula V, Mulliqi Xh. University of Prishtina, Kosova.

Poster 90

Pulpal blood flow measured by laser Doppler flowmetry in patients with different ages

Krsljak E, Djurica G, Dzeletovic B.

Faculty of Dentistry, Department of Physiology and Endodontics, Belgrade University, Serbia.

Poster 91

Effect of chemical sterilization on the apical leakage of gutta-percha and resilon

Burak Sagsen, Erciyes University, Faculty of Dentistry, Department of Endodontics and Conservative Dentistry, Kayseri, Turkey. Presenting author Berna Aslan, Ankara University, Faculty of Dentistry, Department of Endodontics, Ankara, Turkey. Yakup Ustun, Erciyes University, Faculty of Dentistry, Department of Endodontics and Conservative Dentistry, Kayseri, Turkey. Hasan Orucoglu, Selcuk University, Faculty of Dentistry, Department of Endodontics, Konya, Turkey. Cihan Yildirim, Selcuk University, Faculty of Dentistry, Department of Endodontics, Konya, Turkey.

Poster 92

Cytotoxic effect of a novel endodontic cement (NEC) and Mineral Trioxide Aggregate (MTA) on an L929 line culture

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Poster 93

Long-term clinical evaluation of mineral trioxide aggregate (MTA) as a pulpotomy agent in immature teeth

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