

Programme

11th

Biennial Congress
of the European Society of
Endodontology



October 2-4, 2003, Athens, Greece

WELCOME TO ATHENS

On behalf of the European Society of Endodontology, the Hellenic Society of Endodontics and the Congress Organising Committee we extend to all participants, accompanying persons and exhibitors our warmest greetings and wishes for a fruitful Congress and an unforgettable stay in Athens.

Twenty years ago, a handful of enthusiastic and visionary dentists from 12 European countries founded the European Society of Endodontology and soon after the 1st Biennial Congress was held in Venice. In the coming years, the ESE tirelessly pursued its goals of promoting and advancing the science and art of Endodontology throughout Europe and now is embracing 19 European nations.

Today, you are looking into the programme of the 11th Biennial Congress; an event we hope it will prove that Endodontology in Europe is, indeed, fast approaching "Olympian Heights". With its 3 Pre-congress courses, 9 Symposia, 15 Addresses, 60 Oral and 168 Poster Presentations, the Scientific Programme is intended to highlight all recent advances and knowledge accumulated through scientific research and clinical experience in the field of Endodontology. The topics will be covered by lecturers well-known for their teaching, research, clinical and professional experience brought together for this occasion from various countries of Europe and North America. An

effort was made to include lecturers from as many European countries as possible and to provide the platform for young and promising colleagues to present the fruits of their endeavors. The Organising Committee spared no effort in order to put together a comprehensive and diverse programme for fulfilling the needs and expectations even of the most demanding participant.

Simultaneously with the scientific programme, in the 300 sq.m of the Trade Exhibition more than 35 national and international dental companies are eager to show you the latest advancements in endodontic devices, materials and equipment. You will have plenty of time to enjoy browsing and purchasing your way through the displays. We wish to express our gratitude to our sponsors and exhibitors, especially Dentsply-Maillefer; their collaboration was essential for the realization of this Congress.

Last but not least, a variety of social activities- and especially the Gala Dinner on Saturday night- will give you the opportunity to meet old friends, to make new acquaintances and to enjoy the traditional Greek music, food, dancing and hospitality. In the eve of the 2004 Olympic Games, the city of Athens- named after Athena, the goddess of wisdom and knowledge- with its rich history, tradition and culture is the perfect choice for providing such an atmosphere and environment.

Enjoy your stay and the Congress!

**Congress Chairman
& President of the ESE**



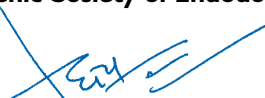
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**Chairman, Scientific Committee
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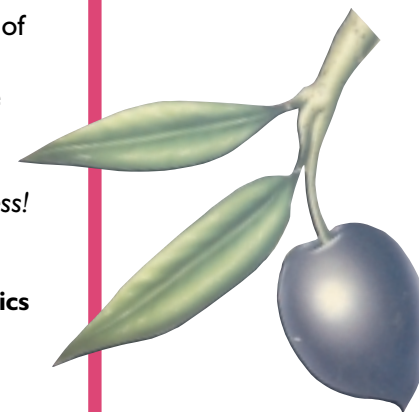


Panos Panopoulos

**President,
Hellenic Society of Endodontics**



George J. Siskos



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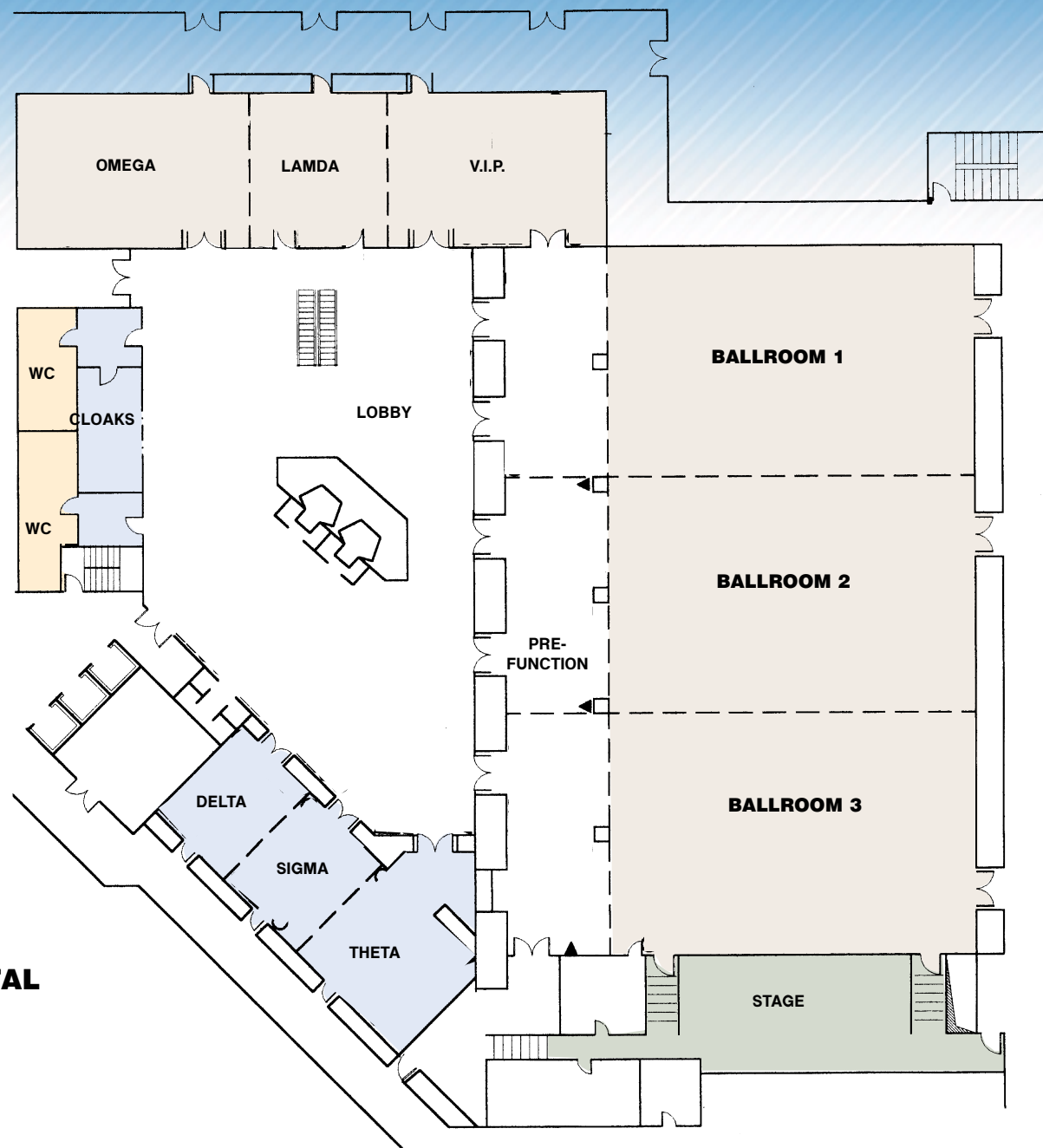
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FLOOR PLAN



**INTERCONTINENTAL
HOTEL**

-2 LEVEL

I. LASER applications in dentistry

HALL OMEGA

Moderator: G.P. Romanos

9:00- 9:10	Romanos G: Introduction in the LASER Dentistry
9:10- 9:55	Moritz A: New aspects of the Laser applications in the Hard Tissues
9:55-10:40	Gutknecht N: New aspects of the Laser applications in Endodontics
10:40-11:00	Coffee Break
11:00-11:45	Romanos G: New aspects of the Laser applications in Oral Surgery and Implant Dentistry
11:45-12:30	Oberhofer D: New aspects of the Laser applications in Periodontology
12:30-13:00	Panel discussion and Conclusions
13:00-14:30	LUNCH BREAK
14:30-17:00	Parallel workshops with laser units used in: operative dentistry; endodontics; periodontology; oral surgery and implant dentistry

(Sponsored by ABACOSM/LASERS,
DENTOFAIR, KAVO,
MAVRAIDPOULOS, SADENT)

2. Ni-Ti Rotary Instrumentation and Obturation with Therafil (Sponsored by Maillefer)

HALL SIGMA/DELTA

9:30- 12:30	Workshop on Protaper - Theory and practice Pierre Machtou , Professor and Head, Department of Endodontics, University Paris VII, France
12:30 – 13:30	Break
13:30 – 16:30	Workshops on Profile and Therafil - Theory and practice Giuseppe Cantatore , Associate Professor, Department of Endodontics, University of Verona, Italy

3. Orthograde Retreatment – From Concept to Practice

HALL THETA

	Shimon Friedman , Professor and Head, Department of Endodontics, Dental School, University of Toronto, Canada
9:30- 11:30	Post-treatment disease: epidemiology, etiology and case selection
11:30-12:00	Coffee break
12:00- 14:30	Orthograde retreatment techniques

Thursday, October 2nd, 2003

P R O G R A M M E

BALLROOM I

09:00 – 10:00

Opening Ceremony

10:00 – 10:30

Coffee Break

10:30 – 13:00

SYMPOSIUM I**Biology and technology for repair and regeneration in Endodontics****Moderator: C. Löst**

10:30 – 10:45

C. Löst: Introduction

10:45 – 11:30

D. Tziafas: Regeneration of dentin and pulp in vital pulp therapy

11:30 – 12:15

S. Jepsen: Materials and methods to promote regeneration of oral tissues – current perspectives

12:15 – 13:00

T. von Arx: Guided tissue regeneration following periradicular surgery

13:00 – 14:30

LUNCH BREAK

14:30 – 17:45

SYMPOSIUM 3**Controversial issues in achieving success with endodontic therapy****Moderator: J. Gutmann**

14:30 – 15:15

S. Friedman: Observation or retreatment? Challenging choices for less than ideal root canal treatment

15:15 – 16:00

D. Ricucci: Defining the apical limits of root canal cleaning, shaping and obturation.

16:00 – 16:45

J. Gutmann: Do contemporary cleaning, shaping and obturation techniques result in higher endodontic success?

16:45 – 17:30

P. Wesselink: Minimizing coronal leakage – restorative imperatives for success with quality endodontic treatment

17:30 – 17:45

Discussion

BALLROOM II

10:30 – 13:00

SYMPOSIUM 2**Pharmacologic principles in endodontic therapy****Moderator: J. Hutter**

10:30 – 10:45

J. Hutter: Introduction

10:45 – 11:30

D. Ørstavik: Root canal medicaments

11:30 – 12:15

L. Olgart: Analgesia in endodontic practice

12:15 – 13:00

J. Hutter: The use of antibiotics in endodontics

13:00 – 14:30

LUNCH BREAK

14:30 – 17:45

SYMPOSIUM 4**Pulpal and Periapical disease process: aspects on pathology and clinical management****Moderator: G. Bergenholtz**

14:30 – 14:45

G. Bergenholtz: Introduction

14:45 – 15:30

L. Olgart: The dentin - pulp complex in health and disease

15:30 – 16:15

J. Whitworth: Management of deep caries lesions in permanent teeth: indirect pulp capping, direct pulp capping or pulpectomy

16:15 – 17:00

M. Haapasalo: The microbiota of infected root canals and its eradication – what is new on the horizon?

17:00 – 17:45

R. Nair: Evidence-based understanding of apical periodontitis of endodontically treated teeth

Thursday, October 2nd, 2003

BALLROOM III

Oral Presentations on Freely Chosen Subjects

10:30 – 13:10 **Root canal preparation**

Moderators: E. Schäfer, M. Georgopoulou

- 10:30 – 10:50 **Ivanovic V***, **Beljic K**: Specific morphological characteristics of mesiobuccal root canal system in maxillary first molars in Serbian population
- 10:50 – 11:10 **Diemer G.**: The second mesiobuccal canal in the upper molars. A challenge?
- 11:10 – 11:30 **Queiroz AV**, **Aguiar CM***: Radiographic evaluation of root canal preparation with hand files and nickel-titanium rotary files
- 11:30 – 11:50 **Roubalikova L***, **Wandrol P**, **Autrata R**: The effect of four rotary nickel-titanium systems
- 11:50 – 12:10 **Sleiman Ph**: The challenge of an endodontic rotary file
- 12:10 – 12:30 **Cheung GSP**: Fatigue failure of nickel-titanium instruments: metallurgical considerations
- 12:30 – 12:50 **Yared G**: Torque and fracture of NiTi rotary instruments
- 12:50 – 13:10 **Gambarini G**: Torque-controlled NiTi rotary instrumentation.

13:10 – 14:30 **LUNCH BREAK**

14:30 – 17:50 **Root canal preparation**

Moderators: A. Druttman, C. Ricci

- 14:30 – 14:50 **Kiefner P**: A new hybrid NiTi preparation technique for use in curved and constricted root canals
- 14:50 – 15:10 **Steffen H***, **Low A**, **Chu A**: Analysis of Flexmaster versus Profile in curved simulated root canals evaluated by students

- 15:10 – 15:30 **Pehlivan Y**, **Akay I***, **Sen BH**, **Sevgican F**: Effectiveness of different vehicles on the placement of calcium hydroxide into root canals
- 15:30 – 15:50 **Molander A***, **Bergenholtz G**, **Caplan D**, **Reit C**: Improved root filling quality among general dental practitioners using NiTi rotary instrumentation
- 15:50 – 16:10 **Ferrari LG**: Endo-streaming: Rationale, armamentarium and technique
- 16:10 – 16:30 **Chiperi M***: Root canal preparation with the hybrid method and obturation with lateral condensation. A clinical study
- 16:30 – 16:50 **Vandenwijngaert S**: Management of ledges
- 16:50 – 17:10 **Aktener BO**, **Yiğit SG***: The success of different root canal preparation and obturation techniques. A clinical study.
- 17:10 – 17:30 **Frantzi V**, **Tsatsas B**, **Eliades G**: Retrieval analysis in endodontics by computerized x-ray microtomography (XmCT)

ROOM VIP

VLADIMIR ADLIVANKINE RESEARCH PRIZE COMPETITION

Moderator: Roland Weiger

- 10.30 – 11.00 **Huber K***, **Thoma M**, **Metzger M**, **Hannig M**: Post-endodontic treatment with adhesively luted tooth coloured posts - how large can a canal be?
- 11.00 – 11.30 **Murray CA ***, **Lappin D**, **Gracie JA**, **Saunders WP**, **McInnes IB**: Chronic periradicular disease: a novel human explant system used to investigate the role of interleukin-18 (IL-18).
- 11.30 – 12.00 **Myers PM***, **Whitworth JM**, **McCabe JF**, **Walls AWG**, **Smith JA**: Endodontic complications after plastic restorations in general practice.
- 12.00 – 12.30 **Saleh IM***, **Ørstavik D**, **Haapasalo MP**: Survival of Enterococcus faecalis in infected dentinal tubules after root canal filling with different root canal sealers

FOYER

MORNING SESSION (10:30- 13:00)

Presentation: 12:00 - 13:00

Research Posters on Epidemiology, Diagnosis, Anatomy, Surgery

Moderators: Z. Fuss, T. Kvist

1. **Bjørndal L*, Reit C.:** The annual frequency of endodontic treatment in Danish adults 1977-2002
2. **Deroose CAJG*, Delmé KIM, Hommez GMG, De Moor RJG.:** Canal filling and treatment of apical periodontitis in Flanders: 1997 versus 2000.
3. **Georgopoulou MK*, Spanaki-Voreadi AP, Pantazis N, Kontakiotis EG, Morfis AS:** Periapical status and quality of root canal fillings and coronal restorations in a Greek population
4. **Georgopoulou MK, Spanaki-Voreadi AP*, Pantazis N, Kontakiotis EG:** Frequency and distribution of root filled teeth and apical periodontitis in a Greek population
5. **Boltacz-Rzepkowska E, Laszkiewicz J*:** Evaluation of periapical health in a Polish population
6. **Fristad I*, Helland EH, Bårdsen A.:** Self assessment and quality registration in an undergraduate endodontic curriculum.
7. **Hayes SJ*, Owens JS, Beere PG, Bryant ST:** Audit of the quality of radiographs taken by dental undergraduates during root canal treatment.
8. **Kundzina R.*, Mindere A., Bryant ST., Dummer PMH:** Quality of root canal treatment performed by undergraduate students.
9. **McCabe PS*, Bryant ST, Dummer PMH, Newcombe RG:** Outcome of root canal treatment in a dental practice
10. **Meire MA*, Delmé KIM, Hommez GMG, De Moor RJG:** Factors influencing referral for specialist endodontic treatment amongst a group of Flemish general practitioners.
11. **Kozakiewicz M*, Piatowska D:** Quantitative comparison of periapical healing after root canal treatment versus surgical treatment
12. **Ng Y-L*, Rahbaran S, Lewsey J, Gilthorpe M, Gulabivala K:** Outcome of primary root canal treatment - Systematic review of the literature.
13. **Olsson H*, Petersson K, Rohlin M:** Systematic review of the formation of a hard tissue barrier after pulp capping in humans
14. **Coppens CRM*, De Moor RJG:** Prevalence of vertical root fractures in extracted endodontically treated teeth.
15. **Chazel J-C*, Castany E, Pelissier B, Tramini P, Mafart B :** PAI and dental paleopathology in the population of Notre Dame du Bourg (IV to XVII centuries).
16. **Koshy S*, Chandler NP:** Census of endodontics in New Zealand
17. **Bårdsen A*, Grung B, Knudsen GC, Fristad I:** Root resorption in autotransplanted teeth: a study from Rogaland, Norway
18. **Goga R*, Chandler NP, Love RM:** Clarity and diagnostic quality of digitized conventional intraoral radiographs.
19. **Hecker H*, Velvart P, Weiger R:** Accuracy of computed tomography in detecting periapical lesions and distances between root apex and mandibular canal.
20. **Eder A*, Moser T, Kantor M, Sperr W, Nell A:** CT - diagnostic possibility to improve root canal treatment of maxillary first molar teeth
21. **Beljic K*, Popovic M, Pap K, Ivanovic V:** Orientation and degree of curvature of mesio-buccal root canals in maxillary first molars
22. **Tsurumachi T*, Kuno T, Takita T:** Scanning electron microscopic study of dentinal canal walls according to location and age
23. **De Bruyne MAA*, Rosiers L, De Moor RJG:** SEM-analysis of the integrity of resected root apices of cadaver teeth after ultrasonic root-end cavity preparation.
24. **Karlović Z*, Anić I, Miletić I, Jukić S, Pezelj-Ribarić S:** ER:YAG laser versus ultrasound in preparation of root-end cavities
25. **Hauman CHJ*, Chandler NP:** Depths of root-end cavities prepared by endodontic specialists.
26. **Karoni C*, Meliou H, Kerezoudis NP, Chakmakchi M:** Sealing effectiveness of white ProRoot MTA as a root-end filling material.
27. **De Bruyne MAA, Rosiers L*, De Moor RJG:** Sealing ability of IRM, Fuji IX and MTA as root-end filling materials.
28. **Leski M, Kozakiewicz M, Klimek L*, Pawlicka H:** The effect of Er: YAG laser or bur root-end resection on the sealing ability of gutta-percha
29. **Kececi AD*, Adanir N:** Comparison of the fracture strength of various materials used to bond the fragments of vertically fractured pulpless teeth

Table clinic

10:30-13:00 E. Rivera: Treatment alternatives for split teeth

FOYER

AFTERNOON SESSION (14:30-18:00)

Presentation: 17:00 - 18:00

Research Posters
on Root Canal Preparation

Moderators: P. Panopoulos, M. Hülsmann

1. **Ciesielski P***, **Kuzminski M**: Accuracy of the Raypex electronic apex locator
2. **Kuzminski M**: Comparison of the accuracy of two electronic apex locators in a laboratory study
3. **Shoji S***, **Hirata C**, **Yamaki K**: The effect of embedded root length on the measurement of root length using four electronic apex locators
4. **Al-Kilani MG**, **Whitworth JM***, **Dummer PMH**: Preliminary in vitro assessment of Carisolv™ as a root canal irrigant.
5. **Hwang HK***, **Kim MK**: Removal of calcium hydroxide paste by irrigation
6. **Rajasingham R***, **Knowles JC**, **Ng YL**, **Sobhani O**, **Rahbaran S**, **Gulabivala K**: The effect of root canal irrigation with sodium hypochlorite and EDTA on tooth surface strain.
7. **Wesselink PR***, **Lee SJ**, **Wu M-K**: Removing dentine debris in resin root canals of different sizes using ultrasound
8. **Wu MK***, **Lee SJ**, **Wesselink PR**: The feasibility of using syringe irrigation and ultrasound irrigation to remove dentine debris from root canals
9. **Bryant ST***, **Bergamaschi M**, **Gomes CM**, **Thorstenberg JP**, **Dummer PMH**: The shaping ability of FlexMaster rotary nickel-titanium instruments
10. **Al-Omari MAO**, **Bryant ST**, **Dummer PMH***: The shaping ability of ProTaper rotary nickel-titanium instruments
11. **Calberson FLG***, **Deroose CAJG**, **Hommez GMG**, **De Moor RJG**: Shaping ability of ProTaper nickel titanium files in simulated resin root canals.
12. **Kim J-W***, **Park SH**, **Cho KM**: Can novice operators shape simulated curved canals with Ni-Ti Rotary instruments?
13. **Lusso D**, **Bassareo A***, **Cotti E**: Study of a canal shaping system: ENDO- EZE- AET
14. **Mikrogeorgis G***, **Lyroutdia K**, **Molyvdas I**, **Pitas I**: Study of two root canal instrumentation techniques using digital image processing
15. **Paque F***, **Musch U**, **Hülsmann M**: Comparison of root canal preparation using RaCe and ProTaper rotary NiTi instruments
16. **Veys SFG***, **Delmé KIM**, **Hommez GMG**, **De Moor RJG**: Root canal treatment in Flanders: 1997 versus 2000
17. **Migliau G***, **Foschi F**, **Prati C**, **Galottini L**: An in vitro study to evaluate several irrigation regimens
18. **Schäfer E***, **Schulz-Bongert U**, **Tulus G**: Root canal preparations performed by experienced dentists using hand instruments and rotary nickel-titanium FlexMaster files.
19. **Heckendorff M***, **Wachsmann J**, **Hülsmann M**: Comparative evaluation of smear layer removal by three chelating agents with and without ultrasonics
20. **Lichota D***, **Lipski M**, **Woźniak K**: Scanning electron microscope study of the effectiveness of ProFile instruments for cleaning root canals
21. **Almannai G***, **Erhardt F**, **Ahlquist M**: The efficacy of different rotary instrumentation techniques on canal cleanliness: A comparative electron microscope study.
22. **Nevenka T**: Cleanliness of canal walls following hand or rotary instrumentation
23. **Colombo M***, **Orlando F**, **Maddalone M**, **Gambarini G**, **Gagliani M**: Surface treatment of Ni-Ti instrument: evaluation of cutting efficiency.
24. **Kang HY***, **Hwang HK**: The analysis of initial apical file size before and after coronal flaring
25. **Kfir A***, **Rosenberg E**, **Zuckerman O**, **Tamse A**, **Fuss Z**: In vivo comparison of the first tapered and non-tapered instrument that binds at the apex
26. **Kerezoudis NP***, **Spanaki-Voreadi AP**, **Zinelis S**: Failure mechanism of ProTaper nickel-titanium rotary instruments in vivo
27. **Kobayashi C***, **Matoba K**, **Suda H**: Instrument fracture during nickel-titanium rotary preparation in simulated canals
28. **Berman AM***, **Ng YL**, **Knowles J**, **Nazhat SN**, **Young A**, **Gulabivala K**: Effect of calcium hydroxide on the properties and composition of dentine.
29. **Reddington LP***, **Knowles JC**, **Nazhat SN**, **Young A**, **Gulabivala K**, **Ng YL**: The visco-elastic behaviour of dentine soaked independently in 17% Ethylenediaminetetracetic acid (EDTA) and Sodium Hypochlorite (3% & 5% NaOCl), individually and in combination.
30. **Zuckerman O***, **Rosenberg E**, **Kfir A**, **Fuss Z**: Determination of remaining dentin thickness (RDT) in various human teeth following instrumentation with Lightspeed
31. **Darabara M**, **Bourithis L**, **Zinelis S***, **Papadimitriou GD**: Comparative evaluation of pitting and crevice corrosion resistance of stainless steel and NiTi endodontic files in NaOCL and R-EDTA irrigating solutions
32. **Darabara M**, **Meliou H***, **Bourithis L**, **Zinelis S**, **Papadimitriou GD**: Assessment of the composition and hardness of NiTi files

Friday, October 3rd, 2003

PROGRAMME

BALLROOM I

09:00 – 13:00

SYMPOSIUM 5

**Root canal system preparation:
a critical approach on classic and modern
techniques**

Moderator: P. Dummer

09:00 – 09:15
09:15 – 10:30

P. Dummer: Overview of canal preparation
K. Gulabivala: Removal of pulp tissue and
microorganisms

10:30 – 11:00

Coffee Break

11:00 – 11:45

E. Schäfer: Shaping canals with stainless steel
and Ni – Ti hand instruments

11:45 – 12:30

P. Machtou: Shaping canals with rotary Ni – Ti
instruments
Discussion

12:30 – 13:00

13:00 – 14:30

LUNCH BREAK

14:30 – 17:30

ADDRESSES ON CLINICAL ISSUES

Moderators: D. Tziafas, P. Bogaerts

14:30 – 15:15

P. Sequeira: Evidence-based endodontic
therapy

15:15 – 16:15

A. Stabholz: Clinical evaluation of lasers in
Endodontics

16:15 – 17:00

B. Sen: Clinical aspects of microleakage in
Endodontics

17:00 – 17:45

A. Hoskinson: Single – visit endodontics

17:45 – 18:15

M. Trope: A new thermoplastic synthetic
polymer based root filling material to replace
gutta-percha

BALLROOM II

09:30 – 13:00

SYMPOSIUM 6

**Aetiology, diagnosis and treatment
of endodontic complications**

Moderator: A. Tamse

09:00 – 09:10

A. Tamse: Introduction

09:10 – 09:45

Z. Fuss: Prevention and management of
perforations

09:45 – 10:30

T. Lambrianidis: Erroneous length and width
instrumentation and obturation: Identification,
management and prevention

10:30 – 11:00

Coffee Break

11:00 – 11:45

M. Hülsmann: Fractured instruments

11:45 – 12:30

P. Velvart: Complications in endodontic
surgery
Discussion

12:30 – 13:00

13:00 – 14:30

LUNCH BREAK

14:30 – 17:30

ADDRESSES ON CLINICAL ISSUES

Moderators: B. Tsatsas, E. Merino

14:30 – 15:15

P. Rosenberg: Endodontic pain preventive
strategies

15:15 – 16:00

H. Walsch: Magnification in Endodontics

16:00 – 16:45

I. Rotstein: Chasing endodontic shadows

16:45 – 18:15

J. Hutter & L. Tronstad: Apical periodontitis and
general health

18:15 – 18:45

**M. Torabinejad *, Cho Y, Kettering JD,
Shabahang S:** A new irrigant for the
removal of smear layer and disinfection of
the root canal system

BALLROOM III

Oral Presentations on Freely Chosen Subjects

09:00 – 13:00 Root canal obturation

Moderators: J. Webber, T. Lambrianidis

09:00 – 09:20 Briseno Marroquin B*, Sebus A, Willershausen B: Dimensional stability of greater taper gutta-percha cones

09:20 – 09:40 Eldeniz AU*, Erdemir A, Belli S: The effect of smear layer shear bond strength of resin based endodontic sealers to dentin

09:40 – 10:00 Bergmans L*, Moisiadis P, Meerbeek B Van, Lambrechts P: Penetration of a hydrophilic resin filler EndoRez® into dentinal tubules

10:00 – 10:20 Bergmans L, Moisiadis P*, Munck J De, Meerbeek B. Van, Lambrechts P: Root Canal obturation with a hydrophilic resin filler EndoREZ®: penetration and gap formation

10:20 – 10:50 Coffee Break

10:50 – 11:10 Economidis N*, Kokorikos I, Kolokouris I, Beltes P, Gogos C: Comparative study of the sealing ability of a new composite resin root canal sealer

11:10 – 11:30 Dandakis Ch, Lambrianidis T, Kaliva M, Kosti E*: In vitro evaluation of the sealing properties of three root canal sealers used with the lateral condensation technique in teeth with iatrogenic enlargement of the apical constriction

11:30 – 11:50 Anesti R*, Serefoglou M: Sensitive and operator depended aspects of the obturation technique System-B

11:50 – 12:10 Serefoglou M*, Anesti R: Common problems of lateral condensation and System-B techniques

12:10 – 12:30 Pongione G*, Gambarini G, DeLuca M: New trends in the restoration of the endodontically treated teeth

12:30 – 13:00 Friedman S: Intentional replantation

13:00 – 14:30 LUNCH BREAK

14:30 – 17:50

Retreatment, MTA, Microleakage, Trauma

Moderators: E. Cotti, N. Kerezoudis

14:30 – 14:50

Yildirim T, Gencoglu N*, Firat I, Perk C, Guzel O: Histologic study of furcation perforations treated with MTA or Super-EBA in dog's teeth

14:50 – 15:10

Juhasz A*, Marton I, Nagy IP, Laszlo U, Hegedus C: Three-dimensional reconstruction and measurement of the microleakage in the case of severely curved obturated root canals

15:10 – 15:30

Medioni E*, Ricci C, Charrier M: Microleakage of three filling materials for furcation perforation

15:30 – 15:50

Khalil I: Nickel-titanium rotary files in retreatment: advantages and benefits

15:50 – 16:00

Charbel A: Angle of the apical resection on molars during endodontic microsurgery

16:00 – 16:20

Simon S*, Colon P, Machtou P: Endodontic treatment of teeth with open apices: using of Mineral Trioxide Aggregate

16:20 – 16:40

Stamou E*, Tamse A: Orthodontic-endodontic considerations in severely traumatized anterior permanent teeth

16:40 – 17:00

Lampropoulos A: Endodontic retreatment: diagnostic considerations and feasibility

17:00- 17:20

Georgiadis K*, Siskos JG: Prosthetic rehabilitation of special cases of endodontically treated teeth

17:20 - 18:00

Metzger Z: Vertical root fractures: understanding their biomechanics and early diagnosis may save much aggravation

FOYER

MORNING SESSION (9:00- 13:00)

Presentation: 12:00 - 13:00

Research Posters on Leakage – Root canal obturation

Moderators: P. Wesselink, T. Pitt-Ford

1. **Roggendorf M*, Ebert J., Frankenberger R., Petschelt A:** Apical leakage and sealer extrusion following different methods of sealer placement.
2. **van der Sluis LWM*, Wu M-K., Wesselink P.R.:** Microleakage along gutta-percha fillings in the coronal section of teeth (backfill) with or without sealer
3. **Depraet FJHW*, De Bruyne MAA, De Moor RJG:** Effect of Nd: YAG laser irradiation on root canals walls and microleakage of root filled teeth
4. **Leski M*, Pawlicka H:** The effect of ultrasonic and bur root-end preparation on MTA root-end fillings
5. **Arora RK*, Spratt DA, Gulabivala K.:** An ex vivo study of microbial microleakage around dental restorations.
6. **Shipper G*, Ørstavik D, Teixeira FB, Trope M:** Gutta-percha versus Resylon(TM) : in vitro bacterial leakage of endodontically treated roots
7. **Ginjeira AMP*, Mexia de Almeida CS, Morgado Tavares LM:** Bacterial leakage along root-end fillings
8. **Lagoudakos T*, Georgopoulou MK, Kontakiotis EG:** Comparative analysis of leakage studies evaluating root-end filling materials
9. **Farmakis ET*, Kontakiotis EG, Georgopoulou MK:** Hydrostatic pressure required for fluid transportation along standardized gaps in gutta-percha fillings
10. **Verhelst PCP*, Delmé KIM, Hommez GMG, De Moor RJG:** The effect of various methodological and assessment methods on dye leakage of root fillings
11. **Chaniotis A*, Kontakiotis E, Georgopoulou M, Farmakis E:** Sealing ability of three filling techniques: the influence of applied pressure and measurement time on transport fluid results.
12. **Lagoudakos T, Kontakiotis EG*, Georgopoulou MK:** Influence of the cross-sectional shape of root canals on leakage after root-end resection and root-end cavity preparation
13. **Stefopoulos S*, Tsatsas D, Kerezoudis NP:** The in vitro sealing ability of white MTA in teeth with open apices

14. **Chakmachi M*, Karoni C, Meliou H, Kerezoudis NP:** Sealing effectiveness of white ProRoot MTA in furcation perforations.
15. **Šegović S*, Rogić M, Pezelj-Ribarić S, Borčić J, Galić N, Anić I:** Microleakage along Glassix glass fibre posts
16. **ElAyouti A*, Achleitner C, Chennamaneni D, Löst C, Weiger R:** Homogeneity and adaptation of a new gutta-percha paste to root canal walls.
17. **Eldeniz AU, Ozer F*:** Effect of EDTA and H₂O₂ on bond strengths between various resin cements and root canal dentin
18. **Erdemir A*, Eldeniz AU, Belli S.:** Shear bond strength of three resin based endodontic sealers
19. **Lohbauer U*, Kaschta J, Ebert J, Roggendorf M, Frank D, Petschelt A:** Setting characteristics of root canal sealers after contamination with different irrigating solutions
20. **Diamanti E*, Kerezoudis NP, Gakis DB, Tsatsas V:** Chemical composition and surface characteristics of gray and new white ProRoot MTA.
21. **Dülger J*, Bayirli G:** Adhesion of various sealers to dentin in the presence and absence of smear layer
22. **Lee B*, Kim Y, Lee S, Lim J, Hwang I, Oh W:** Analysis of the temperature rise on root surfaces during the continuous wave of condensation filling technique
23. **Lee S*, Cho J, Lee B, Lim J, Hwang I, Oh W:** Analysis of temperature rise on the surface of Buchanan pluggers
24. **Lipski M, Lichota D, Woźniak K, Górski M, Deboa D*, Kempieńska A:** Thermographic assessment of temperature rise on the outer surface of roots during filling with Obtura II or Soft-core
25. **Lipski M*, Woźniak K, Górski M, Buczkowska-Radlińska J, Parafiniuk M, Szydlowski L:** Thermographic assessment of temperature rise on the outer surface of roots during filling with a vertical condensation technique
26. **Rahiotis C*, Kerezoudis N, Chakmachi M, Kakaboura A:** In vitro assessment of coronal discolouration from endodontic sealers

AFTERNOON SESSION (14:30-18:00)

Presentation: 17:00 - 18:00

Research Posters on Microbiology- Pathology

Moderators: D. Ørstavik, M. Haapasalo

1. **Chávez de Paz Villanueva LE*, Svensätter G, Dahlén G:** Non-mutans streptococci from teeth undergoing root canal treatment
2. **De Moor RJG*, Verhelst R, Hommez GMG, Claeys G, Vaneechoutte M:** Microbiological evaluation of necrotic root canals with apical periodontitis by T-RFLP analysis

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3. **Gulabivala K*, Spratt DA, McNab R, Wilson M:** Gram positive coccoid morphotypes in root canals of untreated and treated teeth associated with periapical disease are different.
4. **Lynn T*, Gulabivala K, Ng YL, Spratt DA:** LuxS based quorum sensing in root canal infections.
5. **Tan PH*, Ng YL, Gulabivala K, Spratt DA:** Clonal analysis of *Fusobacterium* species isolated from healthy oral sites and infected root canals.
6. **Scott W, Spratt DA*, Gulabivala K, Roberts AP:** The incidence and cause of tetracycline resistance amongst bacteria isolated from infected root canals
7. **Eldeniz AU*, Ozer F, Hadimli HH, Erganifl O:** In vitro Er:Cr: YSGG Laser disinfection of root canals infected with *E.faecalis*
8. **Habahbeh N, Drucker DB, Qualtrough AJE*:** An in vitro evaluation of the effectiveness of different concentrations of sodium hypochlorite on *Enterococcus faecalis*
9. **Lin S*, Zuckerman O, Weiss EI, Mazor Y, Fuss Z:** Antibacterial efficacy of a chlorhexidine slow release device to disinfect dentinal tubules.
10. **Fuss Z*, Levin L, Weiss EI, Lin S:** Antibacterial efficacy of chlorhexidine and calcium hydroxide slow release device systems
11. **Reljic V*, Sain B, Gortan P, Abram M, Brekalo I, Pezelj-Ribaric S:** Influence of four endodontic sealers on microbial growth in vitro
12. **Sela G*, Lin S, Kfir A, Matalon S, Weiss E, Fuss Z:** In vitro evaluation of antibacterial activity of three root-end filling materials.
13. **Hommez GMG*, Verhelst R, Vaneechoutte M, Claeyes G, De Moor RJG:** Microbiological evaluation of root filled teeth with apical periodontitis by T-RFLP analysis.
14. **Weiger R*, de Lucena J, Decker EM, Löst C:** Influence of root filling materials on bacterial vitality in root dentine.
15. **Swistak B*, Spratt DA, Ng YL, Gulabivala K:** Characterisation of residual intra-radicular bacteria associated with radiographically healed periapical lesions.
16. **Miletić I*, Devčić N, Anić I, Prpić-Mehićić G, Karlović Z, Osmak M:** In vitro cytotoxicity of RoekoSeal versus AH plus
17. **Chailertvanitkul P*, Taweeboon S, Sooksuntisakoonchai N, Ekphitsunthorn S:** In vitro cytotoxicity of four root canal sealers to human pulp cells.
18. **Gerosa R*, Pongione G, Testarelli L, Gallottini L, Gambarini G:** Cytotoxicity of a new, experimental endodontic sealer: a comparative study
19. **Dourou V*, Lyroutdia K, Karayannopoulou G, Papadimitriou C:** Immunocytochemical investigation of nervous structures in normal and inflamed human dental pulp.
20. **Kim SK*, Chu WS, Park SH, Lee HJ, Kim YK, Ahn DK:** Role of sympathetic nerve system on the regulation of pulpal microcirculation in the resting stage
21. **Reichenmiller KM*, Klein C, Wiesmann HP, Plate U, Löst C:** Immunohistochemical characterization of human pulp derived fibroblasts cultivated in a 3-D-perfusion culture system
22. **Tjäderhane L*, Pääkkönen V, Larmas M, Salo T:** DNA microarray analysis of differential gene expression in pulps of healthy and carious teeth
23. **Jevnikar N*, Gaspersic D, Cor A:** Immunohistochemical identification and relative distribution of immunocompetent cells in human periapical granulomas
24. **Liapatas SN*, Nakou M, Kontou E, Rondogianni D:** Immune cells infiltrating chronic periradicular lesions and their correlation with pain symptoms
25. **Pętowska D*, Banasik M, Lewkowicz P, Tchórzewski H:** Intracellular cytokine expression in inflammatory cells of symptomatic and non-symptomatic periapical lesions
26. **Potočnik I*, Tomšič M, Bajrović FF:** Efficacy of lidocaine, mepivacaine and articaine in induction of sensory nerve block
27. **Polycarpou N*, Ng Y-L, Moles DM, Gulabivala K:** Prevalence of chronic pain following endodontic treatment in a referred population
28. **Brekalo I*, Pezelj-Ribaric S, Abram M:** Modulation of peritoneal macrophage function by three root canal sealers
29. **Failla F*, Gambarini G, Nocca G, Del Sole P, Lupi A, Giardina B:** A new method for testing the biocompatibility of endodontic and restorative materials in vitro
30. **Khademi AA*, Khabiri M:** Histologic assessment of MTA (Mineral Trioxide Aggregate) as a root-end filling
31. **Shon WJ*, Yang WK, Lim SS, Son HH.:** Expression of MMP-1,2 and TIMP-1,2 in MG63 cells stimulated with *P. nigriscens* LPS and Ca(OH)₂ – treated LPS
32. **Karapinar M*, Bayirli G:** Rise in pulp chamber temperature in vitro during use of various light-curing sources working in bleaching mode
33. **Jukić-Krmek S*, Karlović Z, Miletić I, Anić I, Potočki-Blazić Z, Pavelić B:** Temperature changes inside the root canal during calculus removal by Er:YAG laser
34. **Dobo-Nagy C*, Fejerdy P, Zelles T, Feher E:** An ultrastructural investigation of VIP immunoreactive nerve fibres on rat dentine-pulp complex

Saturday, October 4th, 2003

PROGRAMME

BALLROOM I

09:00 – 13:00 **Symposium 7**

Root canal system obturation: a critical approach on classic and modern techniques

Moderator: P. Machtou

09:00 – 09:30 **J. Whitworth:** Limitations of lateral condensation
09:30 – 10:30 **C. Ruddle:** Warm vertical condensation

10:30 – 11:00 **Coffee Break**

11:00 – 11:50 **J. Webber:** System B
11:50 – 12:35 **G. Cantatore:** Thermafil and GT obturators
12:35 – 13:00 Discussion

13:00 – 14:30 **LUNCH BREAK**

14:30 – 17:30 **Symposium 9**

Nonsurgical retreatment versus surgery

Moderator: A. Stabholtz

14:30 – 14:50 **A. Stabholtz:** The dilemma of choosing between nonsurgical and surgical retreatment
14:50 – 16:00 **C. Ruddle:** Advances in nonsurgical retreatment
16:00 – 17:00 **B. Khayat:** Advances in surgical endodontics

BALLROOM II

09:00 – 13:00 **Symposium 8**

Endodontic considerations in traumatic injuries of the teeth

Moderator: L. Tronstad

09:00 – 09:40 **V. Kaitsas:** Crown fractures
09:40 – 10:20 **G. J. Siskos:** Root fractures

10:20 – 10:50 **Coffee Break**

10:50 – 11:20 **L. Tronstad:** Pulp revascularization
11:20 – 12:30 **M. Trope:** Apical periodontitis and root resorption
12:30 – 13:00 Discussion

13:00 – 14:30 **LUNCH BREAK**

14:30 – 17:15 **ADDRESSES ON CLINICAL ISSUES**

Moderators: G. Gambarini, M. Ahlquist

14:30 – 15:15 **E. Cotti:** Endodontic treatment of immature teeth with MTA
15:15 – 16:00 **T. Dao:** Altered sensations associated with implant surgery
16:00 – 17:00 **A. Lussi & B. Suter:** Non-instrumental root canal preparation and obturation

Saturday, October 4th, 2003

BALLROOM III

Oral Presentations on Freely Chosen Subjects

09:00 – 13:10	Diagnosis, anatomy, pathology, surgery Moderators: P. Horsted-Bindslev, K. Lyrøudia
09:00 – 09:15	Arbab Chirani R*, Jacq J-J, Meriot P, Roux C: Three-dimensional dental imaging: clinical applications and interests in endodontic in vitro studies
09:15 – 09:30	Theodosopoulou I: Evidence-based endodontics: PICO questions and answers
09:30 – 09:45	Kececi AD*, Celik D: Prospective investigation of flare-up rates and related factors after emergency treatment by senior students versus an endodontist
09:45 – 10:00	Sigusch BW*, Pfitzner A, Nietzsche Th, Fickert H, Glockmann E: The probing pocket depth influences the endodontic infection in non-carious teeth
10:00 – 10:15	Galgano C*, Samson J, Kuffer R, Lombardi T: Focal cemento-osseous dysplasia affecting a mandibular lateral incisor: a diagnostic pitfall
10:15 – 10:30	Gallottini L*, Migliau G, Giovannone T, Caciari E: The adhesive post-endodontic restorations
10:30 – 10:45	Ambu E*, Ronzoni F, Consolo U, Guadagni MG, Cocchi S, Piana G, Capecchi M, Perrini N: Endodontic treatment on handicapped patient: new perspectives
10:45 – 11:15	Coffee Break
11:15 – 11:45	Ricci C*, Medioni E, Haffani S: An in vitro SEM evaluation of root-end cavity preparation: diamond versus stainless-steel ultrasonic inserts
11:45 – 12:15	Kvist T*, Reit C: A 10-year follow-up of surgical and nonsurgical endodontic retreatments
12:15 – 12:45	Bogaerts P: Guided bone regeneration after apicoectomy: beneficial?

12:45 – 13:10	Aesaert G: A sinus tract, an obvious clinical sign, a difficult diagnosis.
13:00 – 14:30	LUNCH BREAK
14:30- 17:10	Moderators: A. Hoskinson, A. Morfis
14:30 – 14:50	Korachi M*, Qualtrough A, Drucker DB : Comparison of endodontic microflora from endo-perio and endodontic patients' root canals
14:50 – 15:10	Kuzminski M: Electronic tooth length measurement
15:10 – 15:30	Soloukidou E: Conservative or surgical endodontic treatment?
15:30 – 15:50	Hassan A: Effect of the Nd-YAP Laser on occlusion of lateral canals
15:50 – 16:10	Tosounidou E*, Apostolidou N, Tziafas D: Dental pulp stem cells-based endodontic applications : concepts and prospects
16:10 – 16:30	van der Sluis LWM*, Wu MK, Wesselink PR: The oval canal: the anatomy and problems of cleaning, shaping and filling
16:30 – 16:50	Pittrof M*, Briseno Maroquin B, Peter H, Willershausen B: In vitro retentive strength of three adhesively fixed post systems – a pilot study
16:50 – 17:10	Willershausen B*, Cortazar Fernandez C, Briseno Maroquin B: Biocompatibility of MTA and different Portland type cements: an in vitro study

FOYER

CLINICAL POSTER SESSION (9:00 – 13:00)

Presentation: 12:00 - 13:00

Moderators: V. Ivanovic, E. Kontakiotis, K. Niamonitos

1. **Zecin A.***, **Boltacz E**: C-shaped canal – presentation of cases
2. **Torres A.***, **Schult A**, **Platzer U**: Endodontic and surgical treatment of unusual dens in dente - Case report.
3. **Pervan I***, **Blazic PZ.**: Tooth-focus
4. **Teodorović N.***, **Vujašković M.**, **Miletić V.**: Root canal treatment of upper premolars with anatomo – morphological variations - cases reports
5. **Magkos S***, **Niamonitos K.**, **Kerezoudis NP**: Mandibular premolars: A challenge to endodontists
6. **Yildirim T.**, **Garip H.**, **Garip Y.**, **Yamaner G***: Hypo-Hyperdontia: a case report
7. **Sepic BM.***, **Molnar M.**, **Pater L**: The pulp vitality in asymptomatic teeth involved in the progressive periodontal disease
8. **Luksic-Dolenc N***, **Leusic J**: The influence of periodontal status on pulp condition
9. **Leusic J***, **Njemirovksij V**: Radiodensitometry in evaluation of chronic apical periodontitis before and after endodontic treatment
10. **Banaszek K***, **Bialaczewski L.**: Toothache and nasociliary nerve syndrome
11. **Lombardi T***, **Galgano C**, **Samson J**, **Kuffer R**: Langerhans' cell histiocytosis associated with a lateral radicular cyst
12. **Pavelić B***, **Jukić-Krmek S**, **Šegović S**, **Anić I**: Periodontal tissue necrosis caused by the paraformaldehyde pulp tissue devitalisation
13. **Pappa G***, **Molyvdas I**, **Lambrianidis Th**: Endodontics-Orthodontics: diagnostic and therapeutic relationship
14. **Choi GW**: Tooth discolouration of upper central incisor treated with MTA shallow pulpotomy
15. **Prskalo K**, **Simeon P***, **Pevalek J**, **Anic I**, **Šutalo J**: A post-traumatic pulp chamber obliteration of the upper first incisor – A case report
16. **Sifakakis I**, **Vanna T***, **Kerezoudis NP**, **Papagrigorakis MI**: Accidental extraction of a premolar: a case report
17. **Blazic PZ***, **Pervan J**: Internal root resorption
18. **Netolicky J***, **Zahlanova E**: Internal resorption and its contemporary possibilities of its treatment
19. **Cachovan G***, **Bruder M**, **Platzer U**: Elimination of root canal obstructions caused by fractured instruments
20. **Skaljic-Staudt G***, **Segovic S**, **Ciglar I**: Intracanal use of Dexamethasone –Neomycin solution
21. **Neekoofar MH***, **Niknam S**, **Eslami M**: An in-vitro comparison of the efficacy of the Pro-Taper engine driven versus stainless steel K-files in canal debridement
22. **Lipski M**, **Woźniak K***, **Lichota D**, **Dembowska E**, **Grocholewicz K**: Clinical evaluation of the measuring accuracy of Raypex 4 apex locator
23. **Wozniak K**, **Lipski M**, **Lichota D**, **Gorski M***, **Buczkowska-Radlinska J**: Influence of rubber gloves on electric pulp testing
24. **Crnic S***, **Glockmann E**, **Hoyer I**: Preparation of curved root canals using engine-driven rotary and conventional hand instrumentation
25. **Molnar M***, **Pater LJ**, **Sepic BM**: Root canal perforation-case report
26. **Leski M**: Removal of a broken instrument using ultrasonic device and surgical operating microscope – three cases
27. **Gençoğlu N**, **Yılmaz H**, **Karagenc B***: Clinical study on Ca(OH)₂ points as intracanal medicament
28. **Akisue E***, **Gavini G**: In vitro analysis of apical microleakage in obturated teeth using endotoxin leakage and quantification method
29. **Margari A***, **Eliadis G**, **†Margelos J**: Study of the endodontic sealers flow based on the ISO 6876/1986 E standard
30. **Bojar W***, **Koronkiewicz M**, **Skierski J**: Evaluation of cytotoxicity potential of root canal filling materials by flow cytometry
31. **Miletić V***, **Grga D**, **Ostojic D**, **Savic T**: Quality of obturation during endodontic treatment at undergraduate studies

32. **Jung JY***, **Kim ES**, **Choi H**: Periapical surgery on maxillary first premolar with chronic sinus tract and apical calculus
33. **Karadzic VB**: Treatment of voluminous periapical lesions with polymethylmetacrylate based material
34. **Slowik J**, **Kaczmarzyk T***, **Stypulkowska J**, **Krupinski J**: A successful endo-surgical treatment of internal resorption of the root canal during one visit
35. **WeiB G***, **Glockmann E**: Investigations of prevalence and results of root canal therapy in a Saxon city.
36. **Zahlanova E***, **Netolicky J**: Problem of the long-termed success after endodontic treatment
37. **Ebert J***, **Roggendorf M**, **Petschelt A**: Failures of root canal fillings with Roekoseal® Automix
38. **Stratul SI***, **Rusu D**, **Jianu R**, **Enache S**, **Ogodescu A**, **Popescu M**, **Babes V**: Densitometric evaluation of periapical bone healing using an oily calcium hydroxide suspension. A preliminary controlled study
39. **Stratul S-I**, **Benta A***, **Babes V**: Simultaneous tooth displacement and horizontal mid-third root fracture treated by replacement and Root-MTA. A case report
40. **Maddalone M***, **Colombo M**, **Boschian L**, **Gagliani M**: Correlation between presence of intraradicular posts and healing of periapical lesions after surgery
41. **Hecová H***, **Stehl íková J**: The importance of the endodontic treatment of the avulsed permanent mature teeth
42. **Ilić J***, **Vujaskovic M**: Periapical health related to the quality of root canal treatment and coronal restoration
43. **Sheykhrezaee MS***, **Yousefi A**: Evaluation of the stress distribution in the maxillary central incisor during endodontic and restorative cavity preparation
44. **Radunovic M***, **Kuburovic G**, **Jovanic P**: Hydroxyapatite as a promising pulp capping agent
45. **Lee SJ***, **Nam KC**, **Kim ES**, **Kim DW**: Clinical application of photoplethysmography as pulp vitality test
46. **Saboury A**: restoration of endodontically treated tooth with two-piece dowel and core

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9:00-13:00

Digka A*, **Lyroudia K**, **Karagiannopoulou G**, **Kubinnova L**, **Krinidis S**, **Pitas I**: 3-D reconstructions of 2 vascular plexuses of human dental pulps by using confocal microscopy.



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THE DENTAL TRADE EXHIBITION OCCUPIES LEVELS -1 & -2

EXHIBITORS

COMPANY	E-MAIL	WEBSITE	BOOTH
DENTOFAIR - G. PAPADIMITRIOU S.A	dentofair@otenet.gr	www.dentofair.gr	1, 2 & 25
DENTSPLY MAILLEFER		www.maillefer.ch	3
L. PANTELIDES Co LTD, DENTAL IMPORTS	lpantel@hol.gr	-	4
DENTOMEDICA S.A	dentomed@otenet.gr		5
TROPHY	dentomed@otenet.gr	www.trophy-imaging.com	6
S.E.T. GmbH	info@set-dental.de	set-dental.de	7
ASSOCIATION OF DENTISTS	dentalco@the.forthnet.gr	www.dental-co.gr	8,9
VDW GMBH	wolfgang.muench@vbw-dental.com	www.vbw-dental.com	10
HARTZELL & SON, G.	ghartzellandson@worldnet.net	www.ghartzellandson.com	11
MICRO MEGA		www.micro-mega.com	12
S. PAPANTONOPOULOS S.A.	spap61@otenet.gr		12
ACTEON GROUP	info@acteongroup.com	www.acteongroup.com	13
GEROMEDICA S.A	contact@geromedica.gr	www.geromedica.gr	14
coltène whaledent® roeko & MILTADIS VITSAROPOULOS S.A	miltos@vitsaropoulos.gr & info@vitsaropoulos.gr	www.vitsaropoulos.gr	15,17,19
MANI, INC	clapton@ms.mani.co.jp	www.mani.co.jp	16
JOHN TSAPRAZIS & CO P.C	jtsap@acci.gr	-	18 & 20
DENTALCOM G. PAPAZOGLU S.A.	dentalco@otenet.gr	www.dentalcom.gr	21

EXHIBITORS



EXHIBITORS

COMPANY	E-MAIL	WEBSITE	BOOTH
CARLZEISS SERVICE-CENTER OBERKOCHEN MESSE-UND VERANSTALTUNGSORGANIZATION	s.breitschopf@zeiss.de	www.zeiss.de	22,23,24
LEONIDAS MANGRIOTIS LTD	info@mangriotis.gr	www.mangriotis.gr	26
OBTURA/SPARTAN	bdshefsky@aol.com	www.obtura.com	27
GLOBAL SURGICAL	global@globalsurgical.com	www.globalsurgical.com	28
SYBRONENDO EUROPE	CaicedoR@sybrodental.com	www.SybronEndo.com	29, 30
BLACKWELL MUNKSGAARD	Nicola.Stacy@oxon.blackwellpublishing.com	www.blackwellmunksgaard.com	31
KARL KAPS GMBH & CO.KG	info@kaps-optik.de	www.kaps-optik.de	32
B & K LTD	bk ltd@compulink.gr & bk ltd@in.gr	-	33
DENTIST'S COOPERATIVE OF GREECE	synoa@internet.gr	-	34, 35, 36
SADENT	sadent@otenet.gr	www.sadent.com	37
DAKA	info@dekamela.com	www.dekamela.com	38
MSK	box@mdk-nakanishi.co.jp	wwwmsk-nakanishi.co.jp	39
I. MITSOUKA S.A	www.mitsoukadent.gr		
J. MORITA EUROPE	info@JMoritaEurope.de	www.JMoritaEurope.de	
ABOCOSM / LASER	abacosm@otenet.gr		

SOCIAL PROGRAMME AND BUSINESS MEETINGS

SOCIAL PROGRAMME

Wednesday, October 1st

Get Together Cocktail 19:00-20:00

All participants are cordially invited to a Welcome Cocktail within the exhibition area at the Congress venue “Atheneum Intercontinental Hotel”. Registration will be held at the vicinity from 17.00-20.00

Thursday, October 2nd

Welcome Reception 19:30-22:30

Participants and accompanying persons are cordially invited to attend the Welcome Reception which will take place at the “Dora Stratou” Folk Dance Theater.

After the ESE and HSE scientific prizes and honours have been awarded, attendees will enjoy a rich and famous programme with Greek folk dances and music.

Following the show, a rich buffet will give you the opportunity to socialize with old friends and make new ones.

Buses will depart from the Intercontinental Hotel. Departure time is shown on your ticket. Please wear your name badges.

Friday, October 3rd

This evening is free to spend as you wish. You may feel like visiting one of the traditional restaurants in Plaka, the old part of the city, viewing Acropolis.

Saturday, October 4th

ESE Gala Dinner 20:00- early morning

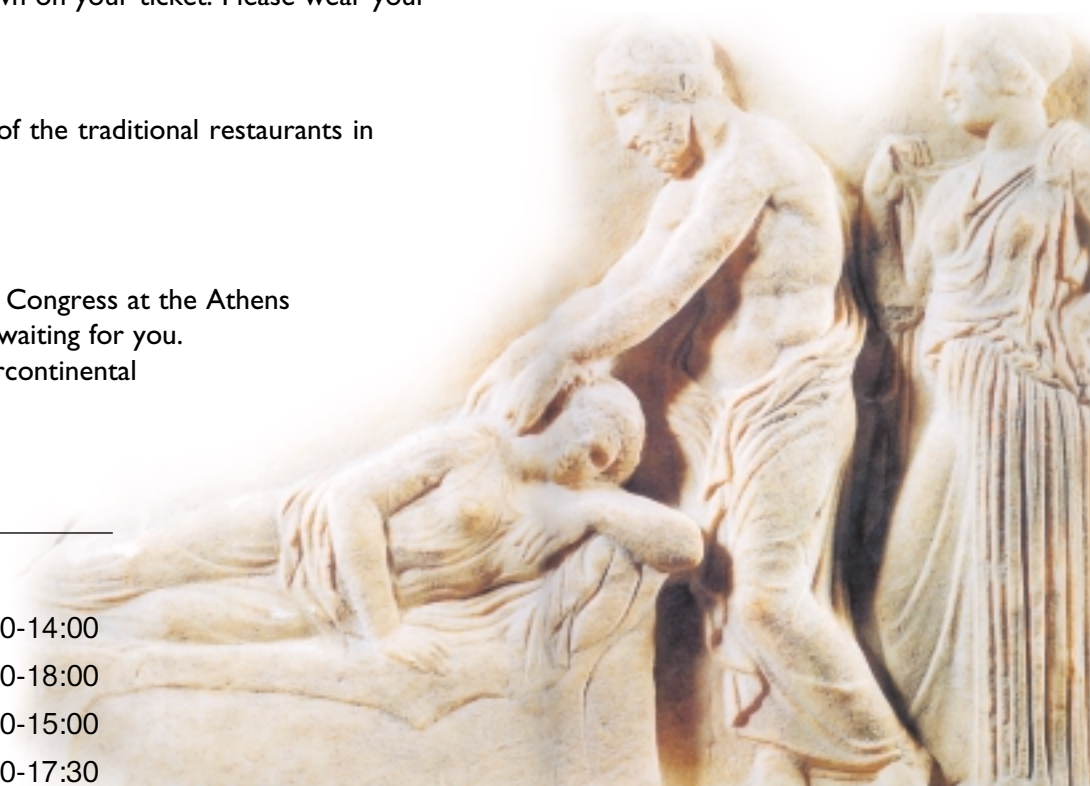
Enjoy this festive occasion and join us to celebrate the completion of our Congress at the Athens Golf Club. Exquisite food, live music, entertainment and a lot of dance is waiting for you.

Tickets available at the Registration desk. Buses will depart from the Intercontinental Hotel. Departure time is shown on your ticket.

BUSINESS MEETINGS

The venue for all meetings is the Intercontinental Hotel.

ESE Executive Committee	Hall VIP	Wednesday 1/10	10:00-14:00
ESE General Assembly	Hall VIP	Wednesday 1/10	15:00-18:00
ESE Executive Committee	Hall VIP	Saturday 4/10	13:00-15:00
Editorial Board of IEJ	Hall VIP	Saturday 4/10	16:00-17:30



GENERAL INFORMATION

Congress Dates: October 2-4, 2003

Congress Venue

Athenaeum Intercontinental Athens
89-93, Syngrou Avenue
117 45 Athens – Greece
Tel.: 210 920 6000, Fax: 210 9206500
e-mail: Athens@interconti.com

Hotel Athenaeum Intercontinental is centrally located and offers easy access to the city's main business district. Just a short distance from the most famous historic landmarks, it presents the ideal setting for experiencing the Greek legacies of art and culture, surrounded by the vibrant life of a cosmopolitan city. For the guest's leisure time, the hotel provides indoor/outdoor swimming pool with pool bar and fitness equipment, hairdresser and shopping arcade with several shops, as well as restaurants, bars and parking.

Registration and Information desk

Entrance to the Congress will be via the main entrance of the Athenaeum Intercontinental Hotel. Elevators will take delegates to the Congress Venue on Levels -2 and -1. The Registration and Information Desk is located on Level -1.

Congress Office - Registration hours

Wednesday, 01 October	15:00 – 18:00
Thursday, 02 October	09:00 – 18:00
Friday, 03 October	09:00 – 18:00
Saturday, 04 October	09:00 – 16:00

Congress Language

The official language of the Congress is English. In some sessions, simultaneous translation into Greek will be available.

Entry to scientific sessions and social events

Admittance to the lecture halls, lobby and the exhibition area is restricted to registered participants wearing their valid name badge. Admission to the social events by special ticket only.

Coffee break

Coffee will be served, on presentation of coupons, every day in the exhibition area.

Lunch

Lunch is not included. A catalogue of various restaurants can be found in the Congress Bag.

Transportation

Transport in the city can be done by buses, trolleys and metro. Taxis are inexpensive and can be hailed in the street or ordered from the reception desk at your hotel.

Time

Greece is two hours ahead of Greenwich Mean Time, 1 hour ahead of Central European Time and 7 hours ahead of New York time.

Currency

The official currency in Greece is the Euro. Foreign currency, traveler's cheques and eurocheques can be exchanged at the airport upon arrival, as well as all the major banks located throughout Athens. Major credit cards are accepted in hotels, restaurants, shops etc.

Banking and Shopping Hours

Banks are open from 08.00-14.30, Monday to Friday. Shops are open on Tuesday, Thursday and Friday from 09.00 to 20.30 and on Monday, Wednesday and Saturday from 09.00 to 15.00, although in the main centers, opening hours are likely to be longer.

Telephone

Public telephone booths accept phone cards available from newsstands and kiosks. Some telephone booths accept also credit cards.

Tipping

Tipping is at your discretion. In restaurants, service is usually included in the bill, but a small tipping is considered normal. The same applies to taxi drivers.

Drinking water

It is safe to drink tap water in Athens.

Electricity

The electric current in Greece is 220 volts at 50 Hz. A round-pin adaptor may be necessary for electrical appliances.

Liability and insurance

Neither the Organizing Committee nor the Organizing Bureau will assume any responsibility for accidents, losses or damages, as well as for delays or modifications in the programme, caused by unforeseen circumstances. ESE will not assume indemnities requested by participants or contractors in case of cancellation of the whole Congress due to lack of participants, or for any other reason. Participants are recommended to arrange for their personal travel and health insurance.

Congress Organizing Bureau

Congress Secretariat
ERASMUS CONFERENCES TOURS & TRAVEL SA
99, Dinokratous street
115 21 Athens, Greece
Tel: +30 210 7257693
Fax: +30 210 7257532 E-mail: info@erasmus.gr Web-site: www.erasmus.gr

TOURIST TOURS



HALF-DAY SIGHTSEEING TOUR OF ATHENS

Daily-run (morning) 09:15-13:00 hrs.

TOUR CODE HD1

Cost : **43 EURO** per person including round trip transportation to your hotel

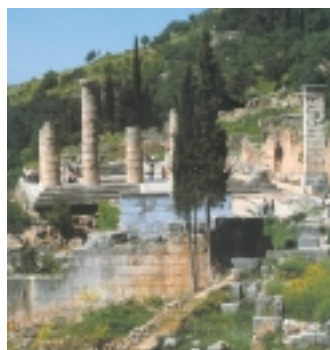


HALF-DAY TOUR TO CAPE SOUNION

Daily-run (afternoon) 15:00-19:00 hrs.

TOUR CODE HD2

Cost: **29 EURO** per person including round trip transportation to your hotel



FULL-DAY TOUR OF DELPHI, LEVADIA, ARACHOVA

Daily-run 08:15-18:30 hrs

TOUR CODE : FDI

Cost: **76 EURO** per person including lunch and round trip transportation to your hotel



FULL DAY CRUISE IN THE SARONIC GULF ISLANDS

Daily-run 07 :45-19 :15 hrs

TOUR CODE : FCI

Cost: **75 EURO** per person including lunch and round trip transportation to your hotel

4-DAY CLASSICAL PRE-CONFERENCE TOUR

Sunday September 28th, 2003 –

Wednesday October 1st, 2003

TOUR CODE: 4DCL

1st DAY: Sunday, September 28th.

Cost: **367 EURO** per person on half board basis (breakfast & one meal) in superior class hotel.

5-DAY CLASSICAL POST-CONFERENCE TOUR

Saturday, October 4th , 2003 –

Wednesday, October 8th, 2003

TOUR CODE: 5DCLM

1st DAY: Saturday, October 4th.

Cost: **478 EURO** per person on half board basis (breakfast & one meal) in superior class hotel

Note: For pick up times from the hotel please check your ticket



MAP OF ATHENS

