ÖGE
Österr. Gesellschaft für Endodontologie
und dentale Traumatologie

8th International Congress

of the Austrian Society for Endodontology and dental Traumatology

December 4–5, 2026

Park Hyatt Vienna

Science, Skills, Success

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Preface

Dear Colleagues,

It is our great pleasure to welcome you once again to the International ÖGEndo Congress in Vienna.

This year, we are pleased to offer a diverse scientific and practical programme featuring internationally renowned speakers under the motto

SCIENCE – SKILLS – SUCCESS

A particular focus of the congress is the exchange of current scientific knowledge and its translation into everyday clinical practice.

An important part of the congress is also the promotion of young researchers and clinicians. Within the Young Scientists Session, young colleagues will have the opportunity to present their work and discuss it with the professional community. The best contributions will be selected in advance by the Scientific Committee and will be recognized during the congress.

We would like to sincerely thank all speakers, submitting authors, members of the Scientific Committee, as well as our partners and sponsors for their support and commitment.

We wish you an inspiring congress, stimulating discussions, and many valuable impulses for your daily clinical practice.

Kind regards

Johannes Klimscha
Matthias Holly
on behalf of ÖGEndo

Pre-Congress – Workshops

Thursday, December 4, 2026
Location: Park Hyatt Hotel Vienna

Workshop 1

14.00 – 18.00 **A reciprocating world: the use of Reciproc Blue, Minima and R-Pilot in daily practice**
G. Plotino

Workshop 2

14.00 – 18.00 **XP-4D: Conservative, Anatomically Guided Shaping for Simple and Predictable Endodontics**
G. Debelian

Location: Hotel Steigenberger Herrenhof

Workshop 3

14.00 – 18.00 **Structured, Flexible Endodontic Revision – Efficient. Safe. Practice Driven**
C. Eichinger

Workshop 4

13.30 – 18.00 **Diagnostics in Endodontics Using Cone Beam Computed Tomography (CBCT)**
J. Wollner, S. Nemec, M. Holly

Get together - Park Hyatt Hotel Vienna

18.00 – 22.00 **Get-Together**

Congress – Main Program

Saturday, December 5, 2026
Park Hyatt Hotel Vienna

08.15 – 08.50	**Registration, exhibition**
08.50 – 09.00	**Congress Opening** *M. Holly, J. Klimscha*
09.00 – 10.00	**Hydraulic Calcium Silicate Materials: Comparing Bioceramic Sealers and Contemporary Obturation Techniques** *G. Debelian*
10.00 – 10.30	**Young Scientists Presentations – Part 1**
10.30 – 11.00	Coffee break
11.00 – 11.45	**Pain management strategies in endodontics** *I. Vidovic*
11.45 – 12.30	**Longitudinal cracks and fractures of the teeth: prevention, diagnosis and therapy** *A. Fidler*
12.30 – 13.30	Lunch Break
13.30 – 14.00	**Young Scientists Presentations – Part 2**
14.00 – 14.45	**The right balance between Preparation and Preservation-A paradigm shift in endodontics** *C. Eichinger*
14.45 – 15.15	Coffee Break
15.15 – 16.00	**Clinical use of calcium silicate-based materials for root canal filling and management of root resorptions** *I. Bago*
16.00 – 17.00	**MB2 Canal: Predictably Locating, Navigating, and Instrumenting** *G. Plotino*
17.00 – 17.15	**Award Presentation Young Scientists**

Speakers

Prof. Ivona Bago

cv

Ivona Bago is a professor at the Department of Endodontics and Restorative Dentistry, School of Dental Medicine University of Zagreb.

In 2015, she completed her specialization in Endodontics with Restorative Dentistry. She received her PhD in 2013. at the School of Dental Medicine University of Zagreb under the mentorship of Prof. Ph.D. Ivica Anić.

In 2014., she completed the two-year postgraduate study EMDOLA (European Master Degree in Oral Laser Application) at the Sophia Antipolis University in Nice, France. She received a scholarship from the French Government to study in France in 2013.

In 2016, she received the scientific-teaching title of full time Assistant Professor, and in 2021. full time Associate Professor at the Department of Endodontics and Restorative Dentistry at the School of Dental Medicine University of Zagreb.

She is working as a full time specialist endodontist at the Clinical Hospital Centre Zagreb.

From 2014-2022., she was the secretary and representative of the Croatian Endodontic Society at the European Society of Endodontology.

From 2022., she is the president of the Croatian Endodontic Society.

From 2024., she is the president of Croatian Academy of Dental Medicine at the Croatian Dental Chamber.

From 2020.-2025., she was the head of the scientific project of the Croatian Science Foundation „Clinical and experimental testing of laser-activated photoacoustic flow and photoactivated disinfection in endodontic treatment“, at the School of Dental Medicine University of Zagreb.

From 2025.- she has started leading a new scientific project of the Croatian Science Foundation “Clinical effectiveness of laser assisted disinfection protocols in endodontic therapy and their influence on chemical and structural properties of intracanal dentin” at the School of Dental Medicine University of Zagreb.

She is the leader of the postgraduate course „Clinical and laboratory analysis of the use of lasers and activation rinsing techniques in endodontics“ at the PhD study at the School of Dental Medicine University of Zagreb. From 2015 to 2025., she has been a collaborator (researcher) at the scientific projects supported by the University of Zagreb. She is the leader of two training courses as part of the lifelong education program at the School of Dental Medicine University of Zagreb: „Clinical Endodontics: Predictable, Simple and Effective“ and „Clinical Endodontics 2: Retreatment“.

She has published a total of 65 works, of which 30 in journals indexed in Current Contents, 30 conference papers. She is the author of three book chapters in domestic and international books („Oral and Dental Pain“,

„Evaluation of the Antimicrobial Efficacy of Different Types of Photodynamic Therapy on the Main Pathogenic Bacteria of Peri-Implantitis“, „Application of Diode Laser in Oral and Maxillofacial Surgery „). She finished two individual training courses in non-surgical endodontics and microsurgical endodontics led by dr Arnaldo Castellucci in Florence in Italy in 2019. and 2020. She also finished training course “Non-surgical endodontic retreatment and minimally invasive instrument retrieval” by Dr. Yoshi Terauchi in Florence, Italy in 2022.

She is an opinion leader for Dentsply, Septodont and GC. She actively participated in several domestic and international scientific and professional meetings and congresses. She gave invited lectures at several domestic and international congresses (Slovenia, Bosnia and Herzegovina, Montenegro) and an invited lecture at the World Congress of Laser Dental Medicine, WFLD 2014 in Paris.

She is a a regular member and a specialist member of European Society of Endodontology, a member of American Association of Endodontists and World Federation of Laser in Dentistry.

Abstract

Clinical use of calcium silicate-based materials for root canal filling and management of root resorptions

Calcium silicate-based materials (CSBM) have become very popular during last decade due to their superior biological and chemical properties: biocompatibility, bioactivity, antimicrobial activity, release of calcium and high pH. Unique characteristics of CSBM, hydraulicity and dimensional stability, enable their application in larger volume in root canal, and thus, introduce new considerations for their use in single-cone obturation technique. Furtheromere, these materials could be materials of choice for the management of different types of root resorptions and perforations.

In this lecture, the clinical use of pre-mixed calcium silicate-based sealers will be showed in many clinical cases: initial root canal treatments and retreatments, with follow-ups. The specificity of their clinical use will be explained regarding root canal irrigants used, dyring procedure and obturation technique. Furthermore, the results of previous clinical studies on CSBM will be presented as well. The application of calcium silicate-based cements for the management of inflammatory root resorption and external cervical resorptions will be presented.

Speakers

Dr. Gilberto Debelian, DMD, PhD

CV

Dr. Gilberto Debelian has received his DMD degree from the University of São Paulo, Brasil in 1987. He has completed his specialization in Endodontics from the University of Pennsylvania, USA in 1991 and received the Louis I. Grossman student award in Endodontics. He has concluded his PhD studies at the University of Oslo (UIO) in 1997, which gave him two scientific awards from the European Society of Endodontology (ESE) and from the Norwegian Dental Association. He has taught as a clinical instructor and associate professor at the endodontic program at UIO. He has served as an adjunct visiting professor at the post-graduate program in endodontics, University of North Carolina in Chapel Hill from 2006 to 2015. His is an adjunct visiting professor at the post-graduate program in endodontics at the University of Pennsylvania. Dr. Debelian is a keynote speaker to many international and national meetings in endodontics. He maintains a private practice limited to endodontics in Oslo and is the director of the advanced endodontic microscopy center – ENDO INN (www.endoinn.com) in Oslo, Norway. Dr. Debelian has authored 8 chapters book in Endodontics, one book in Endodontics and written more than 80 scientific and clinical papers.

Abstracts

Workshop XP-4D: Conservative, Anatomically Guided Shaping for Simple and Predictable Endodontics

Root canal anatomy is complex and cannot always be adequately addressed with conventional instruments of fixed shape and taper. XP-4D represents a new generation of adaptive NiTi instrumentation designed to provide conservative shaping while respecting the natural canal anatomy.

This hands-on workshop will introduce the design principles, clinical protocol, and practical application of the XP-4D system. The participants will learn how XP-4D creates a controlled apical preparation through its standardized apical design, while its adaptive design follows the anatomy of the middle and coronal thirds, supporting conservative shaping and dentine preservation. Through practical exercises, the participants will perform canal scouting, glide-path preparation, conservative shaping, irrigation, and obturation using the complete XP-4D workflow. The workshop will emphasize clinical decision-making and the application of this conservative approach in both straightforward and anatomically complex cases.

Speakers

Main lecture Hydraulic Calcium Silicate Materials: Comparing Bioceramic Sealers and Contemporary Obturation Techniques

The clinical use of hydraulic calcium silicate–based sealers has increased considerably over the past 16 years. A widely cited survey reported their use by approximately 49% of American Association of Endodontists members and 27% of American Dental Association members, making them the most frequently used sealer category among endodontists.

This increased adoption has been accompanied by the rapid introduction of numerous premixed sealers and putties. Although these products are commonly marketed as "bioceramics," they are not interchangeable. Their clinical behavior is influenced by the cement binder, reaction by-products, vehicle, radiopacifier, additives, and the availability of water required for hydration and setting.

An updated classification in 2026 emphasizes the clinical effects of these differences. It distinguishes materials according to whether they release calcium hydroxide, whether water is incorporated into the formulation or obtained from the clinical environment, and whether their additives are cementitious or non-cementitious. These factors may influence handling, hydration, setting, solubility, biological interactions, and ultimately clinical performance.

During this lecture, the characteristics of commonly used premixed materials will be compared and related to material selection, clinical protocols, and cold and warm obturation techniques. Representative cases will demonstrate their practical application in different endodontic situations.

Learning objectives

At the conclusion of this lecture,
participants should be able to:

– Explain the classification and hydration of hydraulic calcium silicate–based materials and their interactions with the clinical environment.

– Compare the composition, properties, advantages, and limitations of traditional and contemporary bioceramic materials.

– Select and apply appropriate materials and obturation techniques for different clinical situations.

Speakers

Dr. med. dent. EICHINGER, Christoph M. Sc.

CV

2022 – 2024 Heinrich Heine University Düsseldorf – Master's Program in Endodontology

2019 – 2021 Endodontic Curriculum – DGET (German Society of Endodontology and Traumatology); certified DGET member since completion

2020 – present Partner at the D4 Dental Practice Group, Elixhausen, Salzburg – Focus on tooth preservation

2019 – present Continuing Education Academy Salzburg – Instructor in Anatomy and Conservative Dentistry for dental assistants

2011 – 2018 Medical University of Vienna – Dentistry Studies

Abstract

Workshop - Structured, Flexible Endodontic Revision – Efficient. Safe. Practice Driven.

This focused workshop delivers the complete endodontic workflow in a dynamic, hands on format: initial canal preparation, obturation, structured revision, and direct dentin adhesive restoration.
Featuring high performance NiTi solutions such as HyFlex OGSF and the powerful HyFlex Remover, participants gain a streamlined, immediately applicable workflow that blends clinical safety, speed, and predictable quality. Designed for dentists eager to deepen their endodontic expertise and elevate their clinical outcomes.
Content:

Theory:
- Fundamentals of modern endodontics
- Initial canal preparation
- Revision of previously obturated root canal systems
- Direct dentin adhesive post endodontic restoration

Hands on:
- Complete workflow on a plastic training tooth

Prof. Aleš Fidler, DMD, PhD

CV

Prof. Aleš Fidler, DMD, PhD received the Diploma, M.S., and Ph.D. degrees in Dental Medicine from the Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia, in 2000, 2002, and 2007, respectively. In 2006, he finished a specialization in Endodontics at University clinical center Ljubljana.

Since 2001 he is with the Department of endodontics and operative dentistry, University of Ljubljana, where he is currently a Professor of endodontics and operative dentistry. He was/is involved in teaching of tooth anatomy, radiology, dental materials, and operative dentistry. In 2013, he was a visiting professor at Ege University, Izmir, Turkey

He is a promotor of 3 PhD thesis and co-promotor of 1 PhD thesis. Currently, he is a supervisor of 2 PhD candidates.

Since 2016 he is a Head of Endodontics and operative dentistry department, University clinical center, Ljubljana, Slovenia. He is a mentor for endodontic residency program with 7 finished endodontic specialists and 3 residents.

He has (co)authored over 60 publications in indexed journal and has over 640 citations, h-index=15 He has (co)authored 2 university textbooks. He serves as reviewer in 12 international journals.

Since 2008 he works in part time private dental practice, dedicated to endodontics.

MEMBERS OF THE ORGANIZATION AND THE BOARD – THE CURRENT FUNCTION:

Slovenian Endodontic society, treasurer
Chief Expert Council of the Slovenian Medical Association, member
European Society of Endodontic, Clinical Committee, member
National coordinator of Endodontic residency program
Medical chamber of Slovenia, member of Board of Dentistry

MEMBERSHIP IN THE ORGANIZATION AND THE COMMITTEE – THE MOST IMPORTANT FUNCTIONS IN THE PAST

Board of Dentistry at the Medical Chamber of Slovenia, the Chairman of clinical committee.

A reviewer for national (Dental journal) and international journals (Biomedical Engineering OnLine , BMC Oral Health, Periodontology 2000, Journal of Dentistry, Dentomaxillofacial radiology , Biochemia Medica, Medical Physics; Clinical Oral Investigations, Materials, Scanning,…)

Speakers

LEADERSHIP ABBILITIES

2016 - head of Endodontic and operative dentistry department at University clinical center, Ljubljana.
2016 - 2019 principal investigator of research project "Optodynamic optimization of laser rloot canal irrigation
2016-2018 institutional principal investigator research project "Oral health screening by hyperspectral imaging".
2020-2023 principal investigator of research project "Post-radiation caries in head and neck cancer patients: Aetiology and prevention"
2020 - head of a research group "Periodontal medicine" at University Clinical Centre Ljubljana (6 researchers, 2 PhD students)
2015, 2017, 2019, 2021, 2023, 2025 Member of the organizing committee of National endodontic congress with 400+ participants
2015 – hands-on courses on rotary and reciprocating root canal instrumentation, use of CBCT in endodontics

AREA OF RESEARCH

The main fields of his research are image analysis and dental materials. He utilized his broad knowledge and experiences in several areas of dental research; some of his findings were universal and applicable in medicine and general image analysis.
He exhibits good cooperation with national and international researchers in the area of physics and technology (Elettra Sincrotrone Trieste, Italy, Faculty of Electrical Engineering and Faculty of Mechanical Engineering, University of Ljubljana).
Recently, he has been focused on 3D image analysis, acquired by fusion of complementary clinical image modalities, namely CBCT and 3D optical scanning, used for quantitative evaluation of hard and soft tissue changes in the oral cavity. He identified the limitations of present 2D analysis methods with his group and proposed the novel 3D methods, revealing previously unavailable clinically important information. His most important skill is an excellent understanding of technology, needed for effective merging of biomedicine and technical sciences.

Abstract

Longitudinal cracks and fractures of the teeth: prevention, diagnosis and therapy

Longitudinal cracks and fractures of teeth involve structural defects that run along the long axis of the crown or root and tend to progress over time. Unlike traumatic fractures caused by a single impact, these defects develop under repeated functional or parafunctional loading. Their incidence is rising, largely due to an ageing population and the retention of more natural teeth. Aetiology is multifactorial—anatomical, iatrogenic, and functional factors often coexist. Diagnosis is challenging because symptoms vary widely and early cracks are difficult to visualise, leading to delayed detection. Based on location and extent, longitudinal defects are classified into cracked teeth, split teeth, and vertical root fractures (VRFs) in either untreated or root-filled teeth.

Cracked tooth / cracked cusp A crack extends into dentine, sometimes involving the pulp. Prevalence may reach 70%, most commonly affecting maxillary premolars/molars and mandibular molars. Once associated mainly with restored teeth, cracks are now frequently reported in intact teeth, especially in older patients. Contributing factors include occlusal interferences, cusp morphology, restorative procedures, hard diets, and parafunction. Progression may allow bacterial ingress and pulpal necrosis. Clinical signs depend on crack depth and pulpal/periodontal involvement. Early diagnosis is difficult; bite tests, transillumination, magnification, and removal of restorations improve detection. Periapical radiographs are often normal in vital teeth; CBCT may reveal associated crestal bone loss but rarely the crack itself. Management ranges from monitoring to cuspal coverage restorations, depending on symptoms and risk of progression. Endodontic treatment becomes necessary in 10–20% of cases. Prognosis is better when cracks do not extend below the chamber floor and when no periapical radiolucency or post is present.

Split tooth A complete separation of the tooth into two or more segments. Prognosis is poor and extraction is indicated.

VRFs in untreated teeth More common in older men, often affecting molar roots with significant occlusal wear. Symptoms vary; treatment is partial or complete extraction.

VRFs in root-filled teeth Full-thickness root fractures extending into the canal space. Diagnosis relies on probing defects, fistulae, and characteristic radiographic bone loss. Prognosis is poor; extraction or root amputation is required.

Preventive strategies include managing parafunction, preserving tooth structure during procedures, and providing appropriate coronal coverage

Speakers

Dr. Matthias Holly, MSc.

CV

2024 „Specialist Member“ of the European Society of Endodontology (ESE)
2018 „Master of Science Endodontology“ Heinrich-Heine-Universität, Düsseldorf
Since 2012 Private Practice for Endodontology, Trauma¬tology and Microsurgery in Vienna
2006–2014 Conservative Department, „Bernhard Gottlieb“ University Clinic of Dentistry Vienna

Abstract

Diagnostics in Endodontics Using Cone Beam Computed Tomography (CBCT)

Cone beam computed tomography (CBCT) has significantly expanded diagnostic and treatment-planning possibilities in endodontics. Compared with conventional periapical radiographs or panoramic imaging, CBCT allows earlier and more precise detection of periapical lesions, root resorptions, and complex anatomical structures. This additional three-dimensional information enables more accurate diagnoses, better treatment planning, and a more reliable assessment of prognosis.

This workshop will review the general indications for dental radiography and the specific role of CBCT in endodontics, illustrated with practical case examples from everyday clinical practice. Particular emphasis will be placed on pain cases with inconspicuous or inconclusive conventional radiographic findings, in which CBCT often provides the decisive diagnostic information. In addition, incidental findings beyond the narrower scope of endodontics will be discussed, especially those that may become relevant in dental treatment planning and may require further diagnostic or therapeutic measures.

Another focus of the workshop will be the safe and appropriate clinical use of CBCT. Based on current radiation protection regulations, participants will receive an overview of key aspects of radiation safety, radiation physics, dose considerations, equipment knowledge, and proper case selection. The indications for intraoral radiographs, panoramic imaging, and CBCT will be discussed in accordance with the ALARA principle (“As Low As Reasonably Achievable”).

The aim of this workshop is to provide a practical overview of the benefits of CBCT in endodontic diagnosis, to define its appropriate indications, and to support sound, patient-oriented treatment planning.

Speakers

Assoc. Prof. Priv.-Doz. Dr. med. univ. Stefan Nemec

CV

Born in Austria, Stefan Nemec graduated from the Medical University of Vienna in 2003. Subsequently, he received his radiology residency training at the Vienna General Hospital. In 2009, he joined the staff at the Division of Neuroradiology and Musculoskeletal Radiology, Department of Biomedical Imaging and Image-guided Therapy, Medical University of Vienna. From 2010 to 2013, he completed research fellowships at the Department of Radiology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, as well as at the Medical Genetics Institute, Cedars Sinai Medical Center, Los Angeles. In 2013, he completed the habilitation procedure. Thereafter, he was appointed as an Associate Professor at the Medical University of Vienna. Since 2024 Dr. Nemec has been the head of the Clinical Division of Radiology at the University Clinic of Dentistry Vienna. Dr. Nemec's current work focuses on imaging in dentistry, cranio-maxillo-facial surgery, and ENT medicine, that includes conducting research projects, clinical reporting, and student teaching.

Abstract see Dr. Holly

Speakers

Dr. Gianluca Plotino

CV

Gianluca Plotino was born in 1978 in Rome, Italy. He graduated in dentistry from the Catholic University of Rome in 2002. Dr. Plotino obtained his PhD in 2009, in 2017 he received the certification to be Professor of II level and in 2018 to be Professor of I level in Italy. Gianluca Plotino is a Specialist Member of the European Society of Endodontology (ESE), International Specialist Member of the American Association of Endodontists (AAE), active member and President 25-26 of the Italian Academy of Endodontics (AIE) and active member of several other societies. He received the „Hans Genet Award" from the European Society of Endodontology in 2013 and several other research prizes and awards. Dr. Plotino published more that 150 articles in scientific peer-reviewed journals reaching a h-index of 48, 3 Endodontic textbooks and contributed with numerous chapters in other textbooks. He is Associate Editor of the European Endodontic Journal and part of the Editorial Board of the Journal of Endodontics and several other international journals. Dr. Plotino owns 4 patents and a start-up and he is currently working in his own private practice in Rome, Italy, focused on endodontics and restorative, aesthetic and interdisciplinary dentistry.

Abstracts

Workshop – A reciprocating world: the use of Reciproc Blue, Minima and R-Pilot in daily practice.

This workshop explores advanced canal preparation using modern reciprocating systems: Reciproc Blue, Minima and R-Pilot. Attendees will master no scouting/no glide path techniques and efficient shaping strategies, balancing cutting efficiency with root canal anatomy preservation. The hands-on session focuses on integrating these files into daily practice for predictable, minimally invasive endodontic outcomes.

Lecture – MB2 Canal:
Predictably Locating, Navigating, and Instrumenting

The MB2 canal, an anatomical feature present in maxillary molars, has garnered significant attention in endodontics due to its clinical significance and challenges in identification and treatment. This lecture aims to explore strategies for predictably locating and treating the MB2 canal, enhancing clinicians' ability to achieve successful endodontic outcomes. The first part of the lecture delves into the anatomy of maxillary molars, emphasizing the variability and prevalence of the MB2 canal. Understanding the internal morphology of these teeth is crucial for predicting the presence and

location of additional canals, such as the elusive MB2. Next, the lecture will review diagnostic techniques and technologies that aid in MB2 canal detection. From advanced imaging modalities like CBCT to clinical indicators such as the presence of additional orifices, attendees will learn practical methods for identifying the MB2 canal during treatment planning. The main focus will then shift to treatment protocols optimized for managing the MB2 canal. Techniques like modified access openings, careful exploration using ultrasonic tips and microscopes, and negotiation with specific instruments will be discussed in detail. Case studies illustrating successful MB2 canal treatment will be presented, highlighting key learning points and common pitfalls to avoid. Emphasis will be placed on predictable and efficient workflows that can be incorporated into everyday practice. In conclusion, this lecture will empower attendees with the knowledge and skills necessary to confidently navigate the complexities of the MB2 canal, ultimately improving clinical outcomes and patient satisfaction in endodontic procedures involving maxillary molars.

Learning objectives

At conclusion, participants should be able to:

- discuss practical methods for identifying the MB2 canal during treatment planning.
- describe treatment protocols optimized for managing the MB2 canal.
- perform predictable and efficient workflows that can be incorporated into everyday practice.

Speakers

Dr. Ralf Schlichting

CV

DGET-Certified Specialist in Endodontics
Practice Limited to Endodontics and Dental Traumatology
Certified Member of the European Society of Endodontology (ESE)
Specialist Member of the American Association of Endodontists (AAE)
Long-standing Member of the Executive Board of the German Society of Endodontology and Dental Traumatology (DGET)
Faculty Member of the Academy of Practice and Science (APW)
Lecturer in the Master's Program in Endodontics
Author of Numerous Peer-Reviewed Publications in Endodontics
International Lecturer with Many Years of Experience
Founder of the East Bavaria Working Group for Endodontics and Dental Traumatology

Abstract

Content:

Theory:
– Fundamentals of modern endodontics
– Initial canal preparation
– Revision of previously obturated root canal systems
– Direct dentin adhesive post endodontic restoration
Hands on:
– Complete workflow on a plastic training tooth

Lecture - The right balance between Preparation and Preservation - A paradigm shift in endodontics

The ultimate goal of any endodontic treatment is to remove infected tissue, biofilm and bacteria from the entire root canal system. Due to the anatomical variations of the root canals and the difficulty in disrupting and removing biofilm from dentinal surfaces and tubules this goal still remains very challenging.
Regarding the literature, mechanical failure is the main cause of postendodontic extraction. Preserving sound tooth structure whenever it is possible without sacrificing disinfection seems to be very important. The introduction of advanced filling techniques based on Calcium Silicate based Sealers in combination with state of the art mechanical preparation systems and activation techniques are the key factors for implementing such an more minimal invasive approach. This lecture shall highlight all the different steps and techniques which are essential for reaching the goal to preserve as much sound tooth structure as possible.

Speakers

Ass. Prof. Ivana Vidovic

CV

Ivana Vidovic Zdrilic is an Assistant Professor and Specialist in Endodontics and Restorative Dentistry. She is affiliated with the Faculty of Dental Medicine, University of Rijeka, and Clinical Hospital Centre in Rijeka, Croatia. She also works in a private dental practice. She currently serves as Acting Head of the Department of Surgery. She obtained her PhD at UConn Health Center, University of Connecticut, USA. During her academic career, she has participated as a collaborator and principal investigator in several scientific research projects. She continuously publishes scientific and professional papers and is actively involved in research with undergraduate and postgraduate students. She received the Best Young Scientist Award in 2017 and the Teaching Excellence Award for junior faculty members in 2025. She is the Country Representative for Croatia at the European Society of Endodontology.

Abstract

Pain management strategies in endodontics

Effective pain control during endodontic treatment is an essential component of routine clinical practice, as adequate intraoperative analgesia reduces postoperative discomfort and enhances the overall patient experience. Insufficient pain management may negatively influence patient cooperation and willingness to undergo future endodontic procedures. This lecture provides an overview of clinical considerations and commonly used strategies for pain control in endodontic therapy, including aspects of local anesthesia, procedural techniques, and patient-related factors that may affect treatment comfort. Attention is also given to broader clinical and psychological elements that influence pain perception and treatment tolerance.

Speakers

Dr. Jürgen Wollner
CV

1986-1992 Study of Dentistry in Duesseldorf and Erlangen

1994 Doctorate at Friedrich-Alexander-University Erlangen

since 1994 Independant in a group practice Further national and international trainings

since 2004 Microscope user and dental practice for microdentistry

since 2010 Specialist dental consultant in the fields of endodontics, CBCT and ergonomics

2011 TEC2 Endodontic Curriculum under the scientific direction of Prof. Martin Trope (University of Pennsylvania)

since 2011 Trainer at the ZEISS Dental Academy Writer of several clinical papers in endodontics and CBCT

since 2013 Cooperation with „Initiative Dental Traumatology“

since 2015 Member of the board of VDZE (German Association of Certified Endodontists) Specialist member of AAE (American Association of Endodontists)

since 2018 Certified member of ESE (European Society of Endodontology) Vice president of VDZE (German Association of Certified Endodontists)

since 2020 Member of „Quintessenz“ science editorial staff, Department Endodontology since 2021 President of VDZE (German Association of Certified Endodontists)

2018-2022 Co-Author S2k-guideline Cone-Beam-Computed Tomography Member of professional associations: VDZE, DGET, IADT, ESE, AAE, DGmikro, DGZ

Abstract see Dr. Holly

Speakers

Bago Ivona, Prof.
University of Zagreb, Department of Endodontics, Zagreb, HR

Debelian Gilberto, Dr. DMD, PhD
Endo Inn AS, Oslo, NO

Eichinger Christoph, Dr. M.Sc.
D4 Praxisgemeinschaft für Zahnheilkunde, Elixhausen

Fidler Ales, Prof., DMD, PhD
University Medical Centre Ljubljana, SL

Holly Matthias, Dr., MSc.
Ordination für Zahnerhaltung, Wien

Nemec Stefan, Assoc. Prof. PD Dr.
Medizinische Universität Wien / AKH Wien,
Univ.-Klinik für Radiologie und Nuklearmedizin, Klinische Abteilung für Neuroradiologie und Muskuloskelettale Radiologie, Wien

Plotino Gianluca, Dr.
Grande Plotino & Torsello Studio Di Odontoiatria, Rom, IT

Schlichting Ralf, Dr.
Ordination Nibelungenplatz 1-2, Passau, DE

Vidovic Ivana, Ass. Prof.
University of Rijeka, Faculty of Dental Medicine, Rijeka, HR

Wollner Jürgen, Dr.
Zahnarztpraxis für Endodontologie, Nürnberg, DE

General information

Congress presidents
Dr. Matthias Holly, MSc.
DDr. Johannes Klimscha, MSc.

Scientific commitee
Prof. Dr. Ivona Bago, PhD (Lead)
Prof. Ales Fidler, DMD, PhD
Dr. Gianluca Plotino
Dr. Ralf Schlichting

Congress organisation
Congress office MAW
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Sponsoring/Exhibition
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M Medizinische
A Ausstellungs- und
W Werbegesellschaft

YOUNG SCIENTISTS AWARD –
FORSCHUNG IN DER ENDODONTOLOGIE

The ÖGE offers research prizes to be awarded on the occasion of the 2026 Annual Meeting in Vienna from December 4–5. The best achievements will be honored. Abstracts are to be submitted by email to **zahn@media.co.at until 1st October 2026.**

The Scientific Committee will select the submitted abstracts for 10-minute oral presentations to be given prior to the main program. The best perfor¬mances will be awarded with € 3,000, € 2,000, € 1,000, respectively.

Young scientists are encouraged to submit their research. Nominees must be no older than 35 years by December 31, 2026.

Applications must include the following: Applicant name, date of birth,address, telephone number, e-mail address and short curriculum vitae.

The abstracts must be approx. 300 words long and include the sections Objective, Methodology, Results and Conclusions

General information

Congress language: English

Registration fees:

Registration and payment	vor dem 01.10.2026	vor dem 05.11.2026	danach und vor Ort
Members of ÖGEndo	€ 380,–	€ 430,–	€ 480,–
Members of ESE	€ 430,–	€ 480,–	€ 530,–
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