

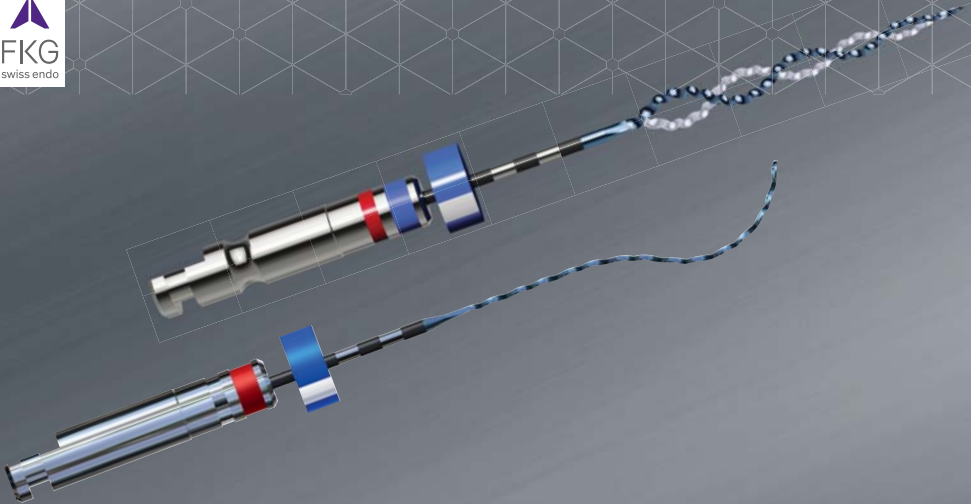
5. Internationaler Kongress der Österreichischen Gesellschaft für Endodontie

6. – 8. Dezember 2018
Palais Ferstel, Wien



www.oegendo.at
www.endocongress.at

INNOVATIONEN IN DER
ENDODONTIE



Wurzelkanalmessung und Diagnostik

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Revision

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Endodontie in Wien

Wie jedes zweite Jahr ist es uns und dem gesamten Vorstand der ÖGEndo eine große Freude, unseren Internationalen Endodontie-Kongress in Wien abzuhalten. Vom 6. bis 8. Dezember 2018 kommen renommierte Vortragende und innovative Firmen zum wiederholten Male ins Palais Ferstel nach Wien.

Eine hochinteressante Veranstaltung erwartet Sie mit packenden Praktika und aktuellen Vorträgen. Lassen Sie sich endodontisch begeistern und feiern Sie mit uns das 10-Jährige Jubiläum der Österreichischen Gesellschaft für Endodontologie.

Testen Sie mehrere Feilensysteme an einem Vormittag im

Endo-Circle Training.

Arbeiten Sie perfekt mit **David Sonntag** unter dem OP-Mikroskop.

Diagnostizieren und planen Sie komplexe DVT-Fälle mit **Tom Schloss** und **Jürgen Wollner.**

Füllen Sie den Wurzelkanal mit **Carsten Appel.**

Gehen Sie an die Grenzen der Revision mit **Mario Zuolo.**

Erforschen Sie mit **Josette Camilleri** die neueste Sealer Generation.

Hören Sie über verbesserte Feilensysteme von **Arnaldo Castelucci.**

Verschließen Sie offene Apices mit **Marga Ree.**

Befunden Sie DVTs mit dem Radiologen **Stefan Nemeč.**

Und vergessen Sie nicht die Bepreisung der **Jungen Wissenschaftler** durch unser wissenschaftliches Komitee.

Wir erwarten Sie und freuen uns auf ein Wiedersehen in Wien,

Johannes Klimscha

Matthias Holly

Allgemeine Informationen

Wissenschaftlichs Komitee:

Univ.-Prof. DDr. Adriano Crismani
Univ.-Prof. Dr. Kurt Ebeleseder
Univ.-Prof. Dr. Christian Gerhardt
Univ.-Prof. Dr. Andrej Kielbassa

Kongress Präsidenten:

Dr. Matthias Holly
DDr. Johannes Klimscha

Kongress Büro:

Ärztzentrale med.info
Kontakt: Carmen Zavorsky/Iris Bobal
„ÖGEndo 2018“
Helferstorferstraße 4, 1010 Wien
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Kongresssprache: Englisch

Fortbildung:

Es wurden für das Diplom-Fortbildungs-Programm der Österreichischen Zahnärztekammer für das Fach Zahn-, Mund- und Kieferheilkunde wie folgt beantragt:

- **Workshop DVT by Morita: 5 ZFP Punkte**
- **Workshop by Zeiss: 5 ZFP Punkte**
- **Endo Circle Training: 5 ZFP Punkte**
- **Kongress Freitag & Samstag: 12 ZFP Punkte**

Maximal könnten 22 ZFP der ÖZÄK approbiert werden.

Allgemeine Informationen

Tagungsgebühren:

KONGRESS, 6. – 8. Dezember 2018

Anmeldung und Bezahlung	bis zum 4. 12. 2018	vor Ort
Mitglieder der ÖGEndo	€ 370,-	€ 430,-
Mitglieder einer ESE Partnergeseellschaft	€ 420,-	€ 480,-
Nicht-Mitglied	€ 520,-	€ 580,-
Studenten (stud.dent.)	€ 130,-	€ 190,-
Young Scientist (Abstract)	€ 200,-	€ 200,-
Tageskarte NUR FÜR	Freitag	Samstag
	€ 270,-	€ 270,-
Dinner-Party bei Feuerwehr Wagner (Freitag)		€ 45,-

ENDO ZIRKEL TRAINING, 7. Dezember 2018

(vormittags)

zum Sonderpreis (nur in Verbindung mit Kongressanmeldung) € 150,-

VOR-KONGRESS, 6. Dezember 2018

(halbtags)

Workshop DVT (nur in Verbindung mit Kongressanmeldung) € 150,-

Workshop by ZEISS (nur in Verbindung mit Kongressanmeldung) € 150,-

Die Anforderung der Teilnehmergebühr erfolgt im Namen und auf Rechnung der Österreichischen Gesellschaft für Endodontie (ÖGEndo, ZVR Nr. 930132603). Der Betrag enthält keine Umsatzsteuer und berechtigt daher nicht zum Vorsteuerabzug.



Foto: Christian del Rey Schmitzler

Erstmals kombiniert ein Dentalmikroskop optische Vergrößerung mit einer Technologie zur Erkennung von Karies! **ZEISS EXTARO 300** unterstützt Sie bei der Erkennung von kariösem Zahngewebe während der Exkavation. Diese fluoreszenzgestützte Identifizierung des kariösen Gewebes ist unter dem Mikroskop durch einen einfachen Knopfdruck möglich - ohne eine Veränderung des Blickfelds oder der Arbeitsposition.

6.12.2018, 14:00 - 18:00 Uhr, ÖGENDO Workshop
Prof. Dr. David Sonntag / Düsseldorf, Deutschland
The perfect application of the dental microscope
www.zeiss.com/dental



Vor-Kongress

Donnerstag, 6. Dezember 2018

14:00 – 18:00

Workshop DVT by MORITA

Digitale 3D Befundung und Diagnostik –
Interaktives Seminar

Tom Schloss, Jürgen Wollner, Nürnberg



Ort:

Steigenberger Hotel Herrenhof
Herrengasse 10
1010 Wien

14:00 – 18:00

Workshop by ZEISS

Treat perfect application of the dental
microscope

David Sonntag, Düsseldorf



Ort:

Ordination Dr. Holly & DDr. Klimscha
Dorotheergasse 12
1010 Wien

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Freitag, 7. Dezember 2018

Endo Zirkel Training

09:00 – 13:00 Testen Sie!

Durchlauf mehrerer Stationen mit unterschiedlichen Feilen und endodontischen Geräten an einem Vormittag. Die Teilnehmer haben die Möglichkeit alle relevanten Systeme zur Instrumentierung des Wurzelkanals in diesem „Hands-on Kurs“ zu probieren.

Vergleichen Sie Effizienz und Komfort und finden Sie Ihr System



Hauptprogramm, Palais Ferstel

- 14.15 – 15.00** **Perfect Obturation of the root canal system**
Carsten Appel, Germany
- 15.15 – 16.30** **Endodontic Retreatment: raising the bar –**
sponsored by VDW
Mario Zuolo, Brasil
- 17.00 – 17.45** **„CBCT in Endodontic Surgery – 3D Diagnostics,
Treatment planning and Evaluation of Healing“**
Tom Schloss, Germany
- 19.30** **Net-working Abend beim Heurigen**
„Feuerwehr Wagner“

Veranstaltungsort & Dinner Party

Veranstaltungsort

Palais Ferstel, Eingang: Strauchgasse 4, 1010 Wien



Dinner Party beim Feuerwehr Wagner

Grinzinger Straße 53, 1190 Wien



Samstag, 8. Dezember 2018

Hauptprogramm, Palais Ferstel

Young Scientist Presentation

09:00 – 10:15 Vorstellung der besten eingereichten Arbeiten junger Wissenschaftler zum Thema Endodontie

Hauptprogramm

- 10:30 – 12:00** **Continuous rotation or reciprocation? This is the question. From WaveOne to WaveOne Gold: Great improvements –**
sponsored by Dentsply Sirona
Arnaldo Castellucci, Italy
- 13:00 – 14:00** **The use of calcium silicate cements in non-vital immature teeth with pulp involvement**
Marga Ree, Netherlands
- 14:30 – 15:30** **The evidence base – hydraulic calcium silicate cements**
Josette Camilleri, Malta
- 16:00 – 17:00** **CBCT in endodontic diagnostics: Pre- and postoperative radiological assessment of the tooth root and periapical region**
sponsored by „zahnradiologie.at“
Stefan Nemeč, Austria
- 17:00 – 17:30** **Prämierung und Preisverleihung der eingereichten Arbeiten junger Wissenschaftler**
durch das Wissenschaftliche Komitee

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Carsten Appel

CV

Dr. Carsten Appel received his dental degree from the Faculty of Dentistry of the University of Bonn, Germany in 1993.

He is working in private practice. Since 2001 he is focused and lecturing on endodontics. He has completely limited his work to endodontics since 2004. He received the recognition as an endodontic specialist by the European Dental Association (EDA) in 2003 and by the German Society of Endodontology (DGEEndo) in 2006. He is certified member of the ESE. From 2004 – 2017 he was served as board member and from 2005 – 2013 as the president of the German Society of Endodontology (DGEEndo/DGET). Since 2007 he is the German Country Representative within the European Society of Endodontology (ESE) and the International Federation of Endodontic Association (IFEA).

Dr. Appel authored several scientific articles in the field of endodontics and is co-author of an endodontic textbook. In clinical endodontics his areas of special interest include instrumentation strategies, apical anatomy and methodical aspects of root canal obturation. Beside his work in private practice he is lecturing on endodontics throughout Germany and also internationally. He is also teaching in the post-graduate endodontic program of the University of Düsseldorf, Germany.

ABSTRACT – Lecture

Perfect Obturation of the Root Canal

The standard technique root canal obturation used in the dental office by general practitioners is the single-point-technique or the cold lateral compaction technique. Especially for the cold lateral compaction technique a lot of scientific data exists supporting a good seal for this technique. Nevertheless Endodontic Specialists in the majority prefer warm thermoplastic obturation techniques which seem to be more complicated, difficult and time consuming.

This lecture will analyse the pros and cons of the different obturation techniques on the basis of the actual literature and clinical examples. The following questions will be answered: Is there a need for warm thermoplastic obturation techniques or is the cold lateral compaction or single point obturation sufficient in most cases? What are the short-comings of each technique and what are the benefits? What are the differences in time-consuming of each technique? What is the right obturation technique for the perfect seal of the root canal?

Referenten



Josette Camilleri, BChD, MPhil, PhD, FICD, FADM, FIMMM, FHEA

CV

Josette Camilleri obtained her Bachelor in Dental Surgery and Master of Philosophy in Dental Surgery from the University of Malta. She completed her doctoral degree, supervised by the late Professor Tom Pitt Ford, at Guy's Hospital, King's College London.

She has worked at the Department of Civil and Structural Engineering, Faculty for the Built Environment, University of Malta and at the Department of Restorative Dentistry, Faculty of Dental Surgery, University of Malta. She is currently a senior academic at the School of Dentistry, College of Medical and Dental Sciences, Institute of Clinical Sciences, University of Birmingham, United Kingdom. Her research interests include endodontic materials such as root-end filling materials and root canal sealers, with particular interest in mineral trioxide aggregate; Portland cement hydration and other cementitious materials used as biomaterials and also in the construction industry.

Josette has published over 100 papers in peer-reviewed international journals and her work is cited over 4000 times. She is the Editor of *Mineral trioxide aggregate. From preparation to application published by Springer in 2014*. She is a contributing author to the 7th edition of *Harty's Endodontics in Clinical Practice* (Editor: BS Chong) and *Glass ionomer cements in Dentistry* (Editor: SK Sidhu). She is an international lecturer, a reviewer and a member of the scientific panel of a number of international journals.

ABSTRACT – Lecture

Materials based on tricalcium silicate have been in clinical use since mid-1990s. Initially there was mineral trioxide aggregate which was indicated for root-end filling and repair of root perforations due to its hydraulic nature. Later the clinical uses of this material became wider and more materials were introduced on the market. The hydraulic calcium silicate cements are used for a wide range of clinical applications including root-end filling, perforation repair, for treatment of root resorptions, apexification procedures, pulp capping, pulpotomy, regenerative endodontics and root canal obturation. The newer generation materials claim improved properties and clinical success.

This lecture overviews the hydraulic calcium silicates available on the market, their main features and strengths. Taking all the factors into consideration the evidence available for the claims will be presented. A clear distinction between the different materials and their specific uses and indications will be given.

Referenten



Arnaldo Castellucci, MD, DDS

CV

Dr. Castellucci graduated in Medicine at the University of Florence in 1973 and he specialized in Dentistry at the same University in 1977. From 1978 to 1980 he attended continuing education courses on Endodontics at Boston University School of Graduate Dentistry with Prof. Herbert Schilder. As well as running a practice limited to Endodontics, Dr. Castellucci is Past President of the Italian

Endodontic Society S.I.E., Past President of the International Federation of Endodontic Associations I.F.E.A., Active Member of the European Society of Endodontology E.S.E., Active Member of the American Association of Endodontists A.A.E..

He is Assistant Professor of Endodontics at the University of Cagliari Dental School and Professor of Micro-Surgical Endodontics at the Specialty of Oral Surgery of the University Federico II of Naples.

He is a very well known international lecturer and gave lectures all around the world.

He has been Editor of „The Italian Journal of Endodontics“ and of „The Endodontic Informer“, is now the Editor in Chief of Endo Tribune, Founder and President of the „Warm Gutta-Percha Study Club“ and of the Micro-Endodontic Training Center, where he teaches and gives hands-on courses. He published articles on Endodontics in the most prestigious Endodontic Journals.

He is the author of the textbook (3 volumes) „Endodontics“, which is now available in English.

He lives and practices in Florence where he has his private practice and his Micro-Endodontics Training Center.

ABSTRACT – Lecture

Continuous rotation or reciprocation? This is the question.

From WaveOne to WaveOne Gold: Great improvements

The 4th generation of NiTi instruments was introduced in 2008, represented by the new reciprocating files WaveOne. They were the first system designed as single files or at least single patient use. Using WaveOne files, the root canal preparation became simple, fast and safe. Recently, the system has been optimized, the safety and the cutting efficiency have been improved, and the range of teeth that could be shaped using this method has been increased. As a matter of fact, in the year 2015 the new generation of single file and single use reciprocating instruments were launched, providing unparalleled safety, effortless efficiency, and super simplicity: they are the new WaveOne Gold, were the ground NiTi files are

Referenten

heat-treated and slowly cooled, with the resultant improved strength and improved flexibility. In the 2017 another step forward has been made, with the introduction of the WaveOne Gold Glider, the perfect reciprocating instrument to create a glide path for the WaveOne Gold single-file system users. The WaveOne Gold Glider reproduces the movement usually given to the hand instruments, allowing an easy negotiation of the root canal down to the entire working length, to make room to the next instruments WaveOne Gold that will be able to complete the shape of the root canal, always following the principle of being minimally invasive.



Stefan F. Nemec

CV

Born in Austria, Stefan F. Nemec graduated from the Medical University of Vienna in 2003. Subsequently, he received his radiology residency training at the Vienna General Hospital, with several different types of head and neck imaging comprising his primary interest. 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 also completed radiological 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 May 2013, he completed the habilitation procedure based on the thesis „Fetal sexual development on prenatal MR imaging“. Thereafter, he was appointed an Associate Professor at the Medical University of Vienna. Dr. Nemec’s current work focuses on head and neck imaging in dentistry, crano-maxillo-facial surgery, and ENT medicine.

ABSTRACT – Lecture

CBCT in endodontic diagnostics: Pre- and postoperative radiological assessment of the tooth root and periapical region

This presentation demonstrates the use of cone-beam computed tomography (CBCT) to aid in endodontic imaging diagnostics. By highlighting what every endodontic specialist needs to know and what every dental radiologist should report, this pictorial review exemplifies the pre- and postoperative assessment of the tooth root and canal system and periapical region. In particular, the broad spectrum of osteolytic and osteosclerotic pathologies of the periapical region will be shown, based on typical, as well as very uncommon, example cases. Furthermore, this review will present practical tips and tricks to arrive at the correct imaging diagnosis and to

Referenten

identify complications that might be encountered in the posttherapeutic setting. Finally, the potential pitfalls and limitations of CBCT imaging will be discussed.



Marga Ree, DDS, MSc

CV

Marga Ree, DDS, MSc obtained her degree in dentistry from the University of Amsterdam in 1979. For the next five years she was a part-time staff member of the department of Cariology Endodontology Pedodontology, as well as being a clinical instructor in the central dental clinic of the University of Amsterdam. In 1998 she entered a postgraduate programme in endodontics, which she completed in 2001 with a Master of Science degree. She is a popular speaker for dental and endodontic conferences, and has given over 200 presentations and hands-on courses in 30 countries all over the world. She is the primary author of several articles published in national and international journals and has contributed to several books on endodontics and restorative dentistry. Since 1980 she has had a private practice in Purmerend, which for the past nineteen years has been dedicated to endodontics.

ABSTRACT – Seminar

The use of calcium silicate cements in non-vital immature teeth with pulp involvement

Treatment of young permanent teeth with pulp involvement is an endodontic and restorative challenge. The primary materials used in treatment have been calcium hydroxide, the original material of choice, and Mineral Trioxide Aggregate (MTA), the more recent material of choice. MTA is part of a class of materials known as calcium silicate cements or bioceramics, and has been used for pulp caps, pulpotomies and apical barriers. It has many favorable properties, but also some limitations, which include staining of dentine and a long setting time. New bioceramic materials have been developed to overcome these shortcomings. In this presentation, Marga Ree will present an overview of current calcium silicate materials, with an emphasis on their use in non-vital immature teeth. She will address the treatment options for non-vital teeth with open apices. Regenerative treatment approaches or revitalization is currently a „hot topic“ in endodontics, and has been recommended as a promising alternative to the apical barrier technique, but there are still many limitations, not the least of which is an unpredictable outcome. In contrast, there is substantial evidence of a favorable outcome of immature teeth treated with the MTA

Referenten

barrier technique. Marga Ree will present numerous clinical cases with long-term follow-ups, which will illustrate her decision-making process and current treatment procedures, and make an argument as to why an apical barrier is often preferred over regenerative endodontics for teeth with open apices.

Tom Schloss & Jürgen Wollner



Dr. Tom Schloss

CV

Spezialist für Endodontie / Referent auf nationalen und internationalen Fachtagungen / Mitglied in zahlreichen Fachgesellschaften (AAE, DGET, ESE, VDZE)

Seit 2014 Bereichsleiter bei der DGET

2012 – 2014 Masterstudiengang Endodontologie an der Heinrich-Heine-Universität Düsseldorf

2008 Abschluss einer zweijährigen berufsbegleitenden postgraduierten Ausbildung – „International Program in Endodontics, Microendodontics and Endodontic Microsurgery“ , School of Dental

Medicine, Department of Endodontics, University of Pennsylvania, U.S.A.

2004 Zertifikat für Endodontologie – Verliehen von der Deutschen Gesellschaft für Zahnerhaltung (DGZ) und der Akademie Praxis und

Wissenschaft (APW) nach Abschluss eines zweijährigen Curriculums

Seit 06/2003 Niedergelassen in eigener Praxis in Nürnberg mit dem Schwerpunkt Endodontie.

1999 Approbation als Zahnarzt

1992 – 1998 Studium der Zahnmedizin an der Universität für Medizin und Pharmazie Temeschburg



Dr. Jürgen Wollner

CV

Spezialist für Endodontie / Mitglied in zahlreichen Fachgesellschaften (DGZMK, DGZ, VDZE, DGET, DGmikro, ESMD, DGÄZ,)

Seit 2015 Vorstandsmitglied „Verband Deutscher Zertifizierter Endodontologen“ (VDZE)

Seit 2013 Mitarbeit in der „Initiative Frontzahntrauma“

Seit 2011 Trainer der ZEISS Dental Academy Autor von

mehreren klinischen Artikeln in der Endodontie und DVT

2011 TEC2 Endodontie Curriculum unter der wissenschaftlichen Leitung von Prof. Martin Trope (University of Pennsylvania) Tätigkeitsschwerpunkt Endodontie

Referenten

Seit 2010 Referent in den Bereichen Endodontie, DVT und Ergonomie
Seit 2004 Arbeit am Dentalmikroskop und Praxis für Microdentistry
Seit 1994 niedergelassen in eigener Praxis
1994 Promotion an der Friedrich-Alexander-Universität Erlangen
1992 Approbation an der Friedrich-Alexander-Universität Erlangen
1986-1992 Studium der Zahnmedizin in Düsseldorf und Erlangen

ABSTRACT – Seminar

Workshop/Interactive Lecture – Precongress

Treatment planning with modern CBCT-Technology – Interactive Presentation

The purpose of this presentation is to provide the advantages and benefits of CBCT in the diagnosis of endodontic disease and to create consequently an optimal Treatment plan for the patient. The introduction of cone beam computed tomography (CBCT) for every day practice improved the diagnosis and therapy significantly in general Dentistry and especially in the endodontic treatment. The presence and location of periapical changes or root resorptions are identified more accurately and earlier through the CBCT. The additional information leads to a more accurate diagnosis and adequate therapy, thus results in a better treatment planning and prognosis estimation for the patient.

The main advantages of CBCT are pointed out, especially for resorptive lesions or pain cases with negative radiographic findings. In addition, the limitations of CBCT are discussed and illustrated with clinical cases.

In this interactive presentation standard and special cases will be presented and everyone of the audience can select the appropriate treatment plan via a voting system. Then the different results are presented and discussed together for each case.

Referenten



Prof. Dr. med. dent. David Sonntag

CV

- | | |
|-----------|---|
| 1998 | Examen |
| 2001 | Promotion |
| 2005 | Spezialist für Endodontologie (DGZ/DGET) |
| 2008 | Habilitation (Philipps-Universität Marburg) |
| seit 2010 | - Leiter Masterstudiengang Endodontologie
an der Heinrich-Heine Universität
- Oberarzt an der Heinrich-Heine Universität
- Tätigkeit als Endodontologe in Privatpraxis |
| 2018 | Ernennung zum Professor (apl.) an der HHU |

ABSTRACT – Workshop

Der perfekte Umgang mit dem Dentalmikroskop

Für den Erfolg der endodontischen Behandlung ist eine systematische Diagnostik und strukturierte Behandlung von zentraler Bedeutung.

Ein leistungsfähiges Dentalmikroskop bietet durch die Visualisierung kleinster Details neue Diagnose- und Behandlungsmöglichkeiten. Insbesondere vorge-schaltete Filter im modernen Operationsmikroskop Extaro 300 ermöglichen eine visuelle Kontrolle von bisher nicht bekanntem Ausmaß.

In dem Vortrag wird anhand von zahlreichen Beispielen die Relevanz der sicheren Anwendung des Operationsmikroskops in Diagnostik und Therapie mit dem Fokus auf das Einhandmikroskop Extaro 300 deutlich gemacht.

Ohne Teamarbeit und die richtige Lagerung des Patienten kann jede endodontische Behandlung jedoch langwierig und schwierig werden. Ein Fokus des praktischen Kursteils liegt daher in der Zusammenarbeit des Teams bei der Arbeit mit dem Mikroskop.

Inhalt des praktischen Seminars

- Die optimale Patientenlagerung für die Behandlung von OK und UK Zähnen
- Wie Sie eine 50%ige Zeitersparnis durch ein systematisches Teamwork von Behandler und Assistenz erreichen
- Wie Spiegel, endodontische Handinstrumente und anderes Instrumentarium systematisch und sicher übergeben werden können
- Wie Sie Ihren Arbeitsplatz ergonomisch günstig gestalten
- Wie Sie eigene Übungsstrategien für die Optimierung Ihrer Behandlung entwickeln können.



Mario Zuolo

CV

- DDS graduated at Faculdade de Odontologia de Ribeirão Preto – USP (University of São Paulo) - 1981
- Specialist in Endodontics graduated at APCD
- Preceptorship Course in Endodontics at UHSC - San Antonio (Texas) – USA
- Teaching Fellow in Endodontics at University of Iowa – College of Dentistry in 1990 - 1991
- MSc in Molecular Biology at UNIFESP/EPM
- PhD in Clinica Odontologica- Endodontics at FOP/UNICAMP
- Professor of Endodontics at FOA, São Paulo Dental Association (APCD)
- Author of the Book: Reintervention in Endodontics, Quintessence Editora, 3 o ed, São Paulo, 2017
- Private practice limited to Endodontics in São Paulo – Brasil.

ABSTRACT – Lecture

Endodontic Retreatment: raising the bar

Retreatment cases in endodontically-treated teeth has risen sharply in recent years in dental clinics increasing the interest in endodontic re-intervention by both patients and dental professionals. Scientifically based treatment techniques and a great diversity of new materials and instruments have had a positive impact on our understanding of endodontic retreatment and its efficient delivery.

This presentation will focus on clinical protocols for the management of teeth indicated for gutta-percha retreatment. Key clinical points such as: how to remove gutta-percha, access the apical third of the canal and reestablish the working length, reparation and irrigation techniques focused in disinfection and canal re-obturation will be discussed and confronted with contemporary literature.

All the techniques presented will be described step by step. Prognosis will be illustrated with clinical cases of successful and failed outcomes in order to positively impact the everyday practice of general clinicians and specialists alike, aiming to improve the quality of clinical care offered to our patients.



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