



Dr. Vladimir Ivanovic

Dr Vladimir Ivanovic, DDS, MSc, PhD is a distinguished full-time Professor in the field of dental pathology, restorative odontology and endodontology at the School of Dental Medicine, University of Belgrade, Serbia, with over 38 years of teaching and clinical experience.

He graduated in 1976, gained MSc in 1980, PhD degree in 1988, and in the same year Specialization in Oral and Dental Pathology and Endodontology. Professor Ivanovic is the founder and President of the Serbian Endodontic Society (from 1998), member of the ESE (from 1989), *ADEE (1998)*, Balkan Stomatological Society (BaSS) (from 1988), IADR (1984-2014), and country representative in the General Assembly of the ESE. *He is also reviewer and member of the editorial boards of "Endodontic Practice" and "ENDO – Endodontic Practice Today". For many years he has served as a Secretary of the Serbian Dental Journal, Chair of the School Board for Dental Pathology, and Vice Dean for Education and Postgraduate Studies.*

Professor Ivanovic published over 80 articles in referred journals, of which twelve are in peer reviewed journals. He was invited key-note speaker at several international congresses, delivered over 100 lectures and presentations, co-author in six dental textbooks, and editor of translated "Textbook of Endodontology" (*Bergenholtz, Horsted-Bindslev, Reit*) – "Endodontologija". For many years he continuously gives hands-on courses in advanced endodontic techniques, instruments and new technologies for root canal treatment in Serbia and internationally. His main interests of research include maintaining of pulp vitality, resin based composites and adhesive systems, advances in endodontic therapy and new technologies in endodontics. Professor Ivanovic has organized nineteen endodontic symposiums in Belgrade with internationally recognized lecturers.

Abstract Paper

Title: Three steps with three “Ones” for efficient and safe root canal instrumentation

Fundamental steps in the mechanical root canal preparation include initial preflaring, glide path achievement, and shaping the canal in a continuously tapered cone, respecting its original anatomy. Modern endodontic technologies are developing and introducing rotary nickel-titanium instruments of a different design, improved alloy modifications and properties with the primary intention to reduce the number of instruments and sequences necessary to complete mechanical root canal enlargement, shaping and cleaning. All these bring great benefits to clinicians in term of efficiency, safety and predictability of results with much easier and faster work, and importantly, with less procedural errors.

Among the large number of machine-driven endodontic systems, Micro Mega company recently launched the One Shape Total Solution with three single rotary files, One for each of the three crucial steps in root canal preparation. This lecture will present and discuss the unique design and construction details of One Flare, One G and One Shape, pointing out their advantages as a single file concept, which facilitate instrumentation and preservation of the original canal anatomy.

Sequences of the root canal preparation and how to use each of three “Ones”, together with MM-control motor will be explained. The presentation is supported by clinical cases with the aid of intraoral photos, conventional periapical radiography, and 3D Cone-beam computed tomography.