

Lifelong learning

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The importance of endodontic treatment is incontestable for the upkeep of permanent teeth with pulp infection in the oral cavity. A variety of treatment strategies in need of scientific evidence has been reported. In the last few years, there has been a true revolution in endodontic treatment, with the introduction of new technologies and changes in biological concepts. Specialists in Endodontics who graduated more than 10 years ago and have not kept up-to-date might feel they are falling behind, scientifically speaking.

With a number of modern concepts, techniques and materials, every day modern Endodontics points out to the only way to be followed in order to gain space and stand out from the crowd in the dental field: to keep up-to-date. To this end, high quality scientific information, as you will find in this issue, is paramount. Studies addressing a variety of themes within a clinical scope, for instance: the use of ultrasonic technique for endodontic access of teeth with calcified pulp, as well as *smear layer* and biofilm removal; sealing ability of a new propolis-based cement; evaluation of rat tissue response to Guedes-Pinto and calcium hydroxide pastes; effect of different surface treatments on the push-out bond strength of fiber posts to root canal; comparison of root canal instrumentation promoted by three endodontic systems: manual, rotary and reciprocating; and cleanness efficacy of NiTi rotary systems compared to manual instruments.

Also, in this issue, readers will check out the outcomes of an *in vitro* evaluation under optical microscopy on the incidence of isthmus in mandibular molars; as well as the good antimicrobial potential and chelating capacity of peracetic acid as irrigating solution in Endodontics. Additionally, two case reports are also available.

Keep yourself informed and up-to-date. This way you will achieve permanent professional education and stand out from the crowd upon a solid foundation: scientific evidence!

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