

29th Annual World Congress on

Dental Medicine & Dentistry

October 16-18, 2017 New York, USA

The technological advances in endodontics and its consequences for endodontists and fundamentally for their patients

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For a long time, the endodontics was stagnant and without great prospects, it was a specialty seen as tiring for the professional and somewhat uncomfortable and even frightening for patients. All this began to change with the advent of NITI systems (Reciprocating and Rotary), with them, the root canal instrumentation became faster and stimulated the emergence of new root canal obturations techniques, These changes brought about a gain of time, a standardization of results. The advances were not limited to the root canal instrumentation and the obturation, they also brought benefits in the treatment of dental perforations, parodontic surgeries and apical plugs with MTA. There were also advances in magnification with the lenses and especially with the microscope that allow the placement of channels, the visualization of separate instruments and perforations. Facilitating the treatment of each of these situations with the aid of ultrasonic tips of the last generation. And finally the appearance of the cone beam tomography that brought endodontics the possibility of seeing beyond the radiographic image. Because of all this, a better working condition for the endodontist, who ceased to be a sculptor and works with effective tools that did not require so much time of training and psychomotor improvement and the patients have access to faster and better-performing treatments with more comfort.

Biography

Anderson de Oliveira Paulo has completed his PhD at the Paulista State University (UNESP). He is Endodontics Professor of the Faculty of Sciences of Tocantins (FACIT). He is a Visiting Professor at the University of Brasilia (UNB). He has published several papers in journals. He is Co-author of a book and Author of five chapters in five books. In 2016, he was the President of the 8th International Congress of the Brazilian Society of Endodontics (SBENDO). He delivers lectures at congresses in Brazil and in other countries.

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