

Irrigation and disinfection of the root canal system-What the general practitioner should know to perform modern endodontics

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The hottest topic in today's endodontic practice will be reviewed. Shaping for cleaning concept will be explained. Characteristics, mode of action and interactions between the most current irrigation solutions will be addressed. Delivery systems for proper disinfection will be described. The importance of the Apical Vapor Lock and the Dead Water Zone will be described and we will learn how they can be eliminated. How to avoid irrigation accidents, positive/negative pressure irrigation, manual dynamic agitation, PIPS (photon-induced photoacoustic streaming) and passive ultrasonic irrigation will be described and fluid dynamics inside the canal system will be shown in videos using extracted teeth rendered transparent. The different delivery systems pros & cons will be discussed and disinfection protocols will be proposed.

Biography

Sergio A Rosler completed his dental studies from the University of Buenos Aires. He is a Specialist in Endodontics and in Oral Implantology. He has been a clinical instructor in Endodontics in Graduate and Postgraduate programs for the last 15 years. Actually he is a clinical fellow teacher at Warwick University in UK. He has lectured and directed workshops on different aspects of Endodontics in Argentine, Brazil, Spain, Chile, Paraguay, Mexico and the United States.

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