

Dr. Ghassan Yared, D.D.S., M.Sc.

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***Title:*** Single file reciprocation: antibacterial ability and three-year outcome of initial endodontic treatments and retreatments

***Abstract:*** A new concept of canal preparation with only one engine-driven instrument used in reciprocation without prior use of hand files (SFR) has recently been introduced. The simplicity of this new concept could raise concerns about its clinical efficiency, antibacterial ability and the expected outcome. This lecture describes the use of SFR for initial root canal treatments and retreatments including plastic carrier based obturations. This lecture also addresses the antibacterial effectiveness and presents a 3-year outcome evaluation of initial endodontic treatment and retreatment cases done with SFR. The author also discusses the efficiency of single file reciprocation without prior use of hand files in the management of 2<sup>nd</sup> mesio-buccal canals in maxillary molars.

***Learning objectives:*** At conclusion, participants should be able to a) describe the SFR technique b) describe the management of 2<sup>nd</sup> mesio-buccal canals with SFR c) evaluate the in-vivo antibacterial ability and d) evaluate the short-term outcome of initial endodontic treatment and retreatment cases done with SFR.

***CV:*** Dr. Ghassan Yared is an endodontist practicing in Guelph and Waterloo, Ontario, Canada.

Dr. Yared has been extensively involved in teaching. He joined the Department of Endodontics at the University of Toronto in 1999 for a full-time position as Assistant Head and Director of the Endodontic Undergraduate Programme. He remained at that position as Associate Professor until 2005. Dr. Yared has been elected for 4 consecutive years as the "Best Teacher of the Year", and has received the "Master Bruce Howard Award for Excellence in Teaching" the highest teaching award at the Faculty of Dentistry, University of Toronto. Dr. Yared has supervised the research projects of graduate endodontic students at the University of Toronto. He has published extensively in peer-reviewed international endodontic journals. He has also given numerous lectures and continuing education courses worldwide.

Dr. Yared is a reviewer for the International Endodontic Journal, Journal of Endodontics, Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, and the Endodontic Topics. He is also a member of the Canadian Academy of Endontology and the American Association of Endodontists