



Dr. Talal Al-Nahlawi DDS, MSc, PhD.

Dr. Talal Al-Nahlawi was born in Damascus in 1977. He graduated from Faculty of Dentistry-Damascus University in 1999; he completed his post graduate diploma in endodontics in 2001, Master of Science in 2004, and PhD degree in 2009 from Damascus University. Since then he became an assistant professor at Operative dentistry and Endodontics department at Damascus and Syrian Private Universities. He was conferred into the title of associate professor in 2015. Dr. Talal has published 12 articles in national and international peer-reviewed dental journals. And he is a reviewer in Damascus University for Health Sciences and International Medical and Dental Journal of Advanced Research peer-reviewed journals. He is the author of one book in operative dentistry in Arabic 2015, and has translated Sturdevants Art and science of Operative Dentistry 5th edition into Arabic language, Mosby Elsevier Publishing 2011. He has conducted hands on training for more than 1000 dentists in the field of Endodontics and restorative dentistry. He has a private practice in Damascus and United Arab Emirates mostly limited to Endodontics. Dr. Talal lectured in many national and international dental meetings (Syria, Canada, Brazil, Iraq, Turkey, Egypt, United Arab Emirates, India, and South Africa). Currently he is a board director member of the Syrian Endodontic Society, lecturer in the esthetic dentistry specialty program in the National Dental Specialty Center for post graduate studies, Endodontic program director of MHG Professional Development Dental Educational Institute Dubai, Advisory Board Member of the Dental Surgeons Association of India DSAI and Dental Students Welfare Association of India DSWAI, and vice-dean for scientific affairs at Syrian Private University.

Abstract Paper: **The multiple ultrasonics applications in endodontics**

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Introduction and aim: The advancement of new concepts and techniques in endodontic treatment dramatically changed the endodontic practice, and resulted in more teeth preservation in the mouth and more easy and enjoying practice with better results. The aim of this presentation is to focus on the importance of ultrasonic use in different application during endodontic treatment.

Presentation contents: This presentation will highlight briefly the ultrasonic applications in access cavity, removal of coronal obstacles, activation of irrigation solution, discovering hidden canals, and removal of broken instruments with many other applications through presenting different clinical cases. The precautions of the ultrasonic use will be highlighted also.

Conclusion: Getting involved with the use of ultrasonics in endodontic practice in correct way will ease the endodontic practice and will give the practitioner more options to fulfil the requirements of successful root canal treatment.