

## **SOME PUBLICATIONS:**

1. Raad Niama Dayem .Anovel method for removing the collagen network from acid -etched dentin by neodymium: yttrium-aluminum-garnet laser. *Lasers Med Sci.* (2009) 24:93–99
2. Raad N. Dayem. Acomparison between the occluding effects of the Nd:YAG laser and the desensitizing agent sensodyne on permeation through exposed dentinal tubules of endodontically treated teeth: An in vitro study. *Archives of Oral Biology* (2006) 51,535—540
3. Raad Niama Dayem. Assessment of the Penetration Depth of Dental Adhesives through Deproteinized Acid Etched Dentin by Using Nd:YAG Laser and Sodium Hypochlorite. *Lasers Med Sci* (2010) 25:17–24
4. Raad Niama Dayem. The Effect of Two Demineralizing Agents on Apical Sealing of Retrograde Filling Materials (In Vitro Study). *MDJ* (2009) 6(4), 299- 306
5. Raad N. Dayem . The Efficacy of Er:YAG Laser on Intrapulpal Temperature Rise of Class V Cavity Preparation. *Iraqi J. Laser, Part B, Vol.10, No.1, pp. 9 -14* (2011)
6. Raad Niama Dayem. Evaluation of the Microleakage of Different Class V Cavities Prepared by using Er:YAG laser, Ultrasonic device, and Conventional Rotary Instruments with Two Dentine Bonding Systems. *Lasers Med Sci.* 2015 Apr;30(3):969-75
7. Raad Niama Dayem. A Novel Nano-Calcium Carbonate- Polyurethane-based Root Canal Obturation Material: Synthesis and Evaluation of some physical properties. *IAJD,(2013)4,3:97-102*
8. Raad Niama Dayem. A new Method for Treatment of Dentin Hypersensitivity by Using Nano fluor- Hydroxyapatite and Nd:YAG laser: A scanning Electron Microscopic Study. *IAJD,(2013)4,2:83-88*
9. Raad Niama Dayem. Evaluation of the Nanoleakage Between Different Dentin Adhesive Systems and the Acid Etched Dentin Deproteinized by Nd:YAG Laser and 10% NaOCl. *IAJD,(2013)4,1:16 -23*
10. Raad Niama Dayem, Mona Tameesh. A new Concept in Hybridization Bromelain Enzyme for Deproteinizing Dentin before Application of Adhesive System. *Smile Dental Journal,(2013)8,1:18-23*
11. Dayem Raad. Evaluation of the Effect of Different Light Curing and Adhesives Systems on the Polymerization shrinkage of Dental: An in Vitro Study. *International Arab Journal of Dentistry* (2014), V. 5, 3, 102-109.
12. Dayem Raad. Evaluation of Apical Leakage of Root Canals Obturated With Nd:YAG Laser and Vertical Condinsation Techniques Using Two Types of Endodontic :An in Vitro Study.*International Arab Journal of Dentistry(2014), V. 5, 3,117-124.*
13. Raad Dayem. Evaluation of the Influence of Three Types of Light Curing Systems On Temperature Rise, Depth of Cure and Degree of Conversion of Three Resin Based Composites (An In vitro study). *J Interdiscipl Med Dent Sci* 2014, 2:1