

Contents

Section I:Fixed Prosthodontics Endodontics, Conservative Section

1. Cleaning ability and Apically Extruded Debris of Three Single file Rotary Nickel Titanium systems (an in vitro study) 1-10
Nadine Mogahed, Mohamed Mokhtar Nagy, Tarek Moustafa Abdel Aziz
- 2 Characterization of Human Dental Pulp Stem Cells.....11-16
Nehal Mohsen Habib , Tariq Yehia , Abeer Elgendi
3. Characterization of human stem cells of the apical papilla.....17-23
Sara Mahmoud EL Shahat , Abeer Abd ELHakeem ELGendi , Tarek Medhat Elsewify
4. Solubility of CeraSeal Compared to MTA-Fillapex and Adseal.....24-34
Omnia Saber , Medhat Taha , Tarek M. Elsewify.
5. Incidence of dentinal crack formation after root canal preparation using different rotary files.....35-42
Khaled Mohamed Salah Ayoub, Mohamed Mokhtar Nagy , Sara Hossam Fahmy
6. Strain Induced within Anterior Lithium Disilicate Cantilever Bridges Under Different Loading Directions.....43-51
Soha Gaafar Abd ELatif Gaafar, Lomaya Assayed Ghanem, Amr EL-Etreby, Tarek Salah Morsi

7. Temperature Variation on Root Surface During Retrograde Cavity Preparation Using Different Ultrasonic Tips.....52-58

Esraa Yousry El-baroudy , Maram Farouk Obeid, Tarek Moustafa Abdel Aziz.

Section II :Histopathologoical Section

1. The Effects of Altering Er: YAG Laser Energy and Exposure Time on Exposed Dentinal Tubules: An In Vitro Study 59-71

Dina Hassouna and Dahlia Ghazy Mohamed Rateb

2. Comparative study on the effect of Grape seed extract and sodium fluoride on demineralized Cementum of Human premolar samples 72-86

Heba A. Shawky and Dina M. Hassouna

Section III :Oral Medicine, Periodontology & Oral Radiology Section

1. Intra Oral Digital Radiography versus Cone Beam Computed Tomography for Detection of Infra Bony Periodontal Defects.....87-94

Manar Mounir 1, Mona Mahmoud2, Mostafa Saad EL-Din3, Doaa Adel4

Section IV :Orthodontics & Pedodontics'Section

- 1 Assessing The Effect of Modified Bluegrass Vs Conventional Lingual Spurs in The Correction of Open Bite associated with Tongue Thrust: Comparative study.....95-101

Amani Taher Hebat Allah Ali (1), Hamdy.H. Elzahed (2) ,

Dina Hussien Al-Ghoul(3), Ramy Fathy (4).

2. Comparison of Fixed Orthodontic Treatment Efficiency Using MBT vs. ROTH Prescription Brackets of Slot Size 0.018 Inch in Class I Malocclusions: RCT.....102-108

Shady M Akram1, Marwa M Hegab2 and Amr El-Dakroury 3, Mai Hamdy AboulFotouh

Section V : Prosthodontics' Section

1. Effect of Resilient Soft Liner and Clip Attachments on Peri-Implant Tissue in Splinted Mini-Implant Retained Mandibular Overdentures.....109-121

Omar Samy Mahmoud, Mahmoud Hassan El Afandy, Shaimaa Lofty Mohamed.

2. The Effect of Two Different Bar Materials Constructed with CAD/CAM Technology on Implant Retained Mandibular Overdentures: Radiographic Evaluation.....122-129

Nora Mohamed Abdulkader, Ingy Talaat Lebshtien, Noha Helmy Nawar, Eatemad Rekaby Taha, Heba Allah Tarek