



---

# Contents

## **Section I: Prosthodontics Section**

**1. Influence of Implant Position on Occlusal Distribution in Implant-Assisted Distal Extension Removable Partial Dentures using T-Scan system....1-9**

*Al-Insan Ismail Mohammed, Ingy Amin Talaat, Yasmine Galaleldin Thabet*

## **Section II: Orthodontics & Pedodontics Section**

**1.A comparison of two different management techniques for Extensive molar defects in patients suffering from Molar Incisor Hypomineralization (MIH)(Randomized Clinical Trial)....10-19**

*Hagar Mahmoud Mohie, Mohamed Zayed Radwan, and Amr Mahmoud Abd El-Aziz*

## **Section III: Histopathological section**

**1.Involvement of Vascular Endothelial Growth Factor in Deferoxamine Radioprotection of Rat Oral Mucosa....20-33**

*Maryam Salah Ibrahim, Dahlia Ghazy Mohamed Rateb, Rania Ahmed Awwad*

## **Section IV: Fixed Prosthodontics, Endodontics, Conservative Section**

**1.Confocal Laser Microscopic Evaluation of the Efficiency of Strawberry Extract as root canal irrigation with Different Activation Techniques on E- Faecalis Biofilm Eradication. (An In-Vitro Study)....34-43**

*Rasha Sameh, Dina M Abdel-Ghany, Mohamed M.N El-Tayeb*

**2.Efficiency of Newly Introduced Root Canal Irrigants Based on Nano Particles (In Vitro Study)....44-55**

*Salma Hassan El Ashry, Mohamed Mokhtar Nagy, Tarek Medhat Ahmed Elsewify, Engy Bahaa El Din Abd Allah Ali*

**3.Solubility of three different pulp capping materials: a comparative study....56-60**

*Mai Fakh-Eldeen Mohamed, Ahmed Abdelrahman Hashim, Maram Farouk Obeid, Ashraf M.A. Abu-Seida*

**4.Cyclic Fatigue Resistance of Protaper Gold, HyFlex EDM and K3XF Rotary Instruments....61-67**

*Mohamed M.N El-Tayeb, Mohamed Nabeel*

**5.The effect of two thermal tempering protocols on the surface roughness of heat-pressed lithium silicate ceramics....68-78**

*Sara Mehanna Foudah, Iman Haggag El-Naggag, Amr Saleh El-Etreby*