**Effect of diode laser irradiation of bonding agents before curing versus standard bonding protocol on the shear bond strength between resin cement and dentin**

Nada M. El-Hakim, BDS,a Ashraf H. Mokhtar, BDS, MS, PhD,b and Tamer A. Hamza, BDS, MS, PhDc

aGraduate student, Faculty of Dentistry, Misr International University, Cairo, Egypt

bProfessor, Department of Fixed Prosthodontics, Faculty of Oral and Dental Medicine, Cairo University, Giza, Egypt

cProfessor, Department of Fixed Prosthodontics, Faculty of Dentistry, Al-Azhar University, Cairo, Egypt

**Corresponding Author:**

Dr. Nada M. El-Hakim

 (+20) 01204511151

Postal Code: 11757

94 Gesr Al Suez, Heliopolis

Fax: 24527503

Email: Nada090564@miuegypt.edu.eg

Role and Contribution of each author:

Nada M. El-Hakim conceived the idea. Nada M. El-Hakim, Ashraf H. Mokhtar, and Tamer A. Hamza planned the experiments. Nada M. El-Hakim performed the testing, data analysis, and manuscript writing. Ashraf H. Mokhtar and Tamer A. Hamza supervised the work and provided critical feedback.