



Hossein Bagheri G.; DDS, Ph.D

**President at Dental Materials Research Center
Mashhad University of Medical Sciences**

**Assistant professor
School of Dentistry; Mashhad University of Medical Sciences (Since 2015)**

Ph.D in Dental Biomaterials (2015)
Dental Biomaterials Department - School of Dentistry
Tehran University of Medical Sciences

Research Student (2014)
Department of Cariology and Preventive Dentistry
Tokyo Medical and Dental University (TMDU)
Tokyo - Japan

PhD Candidate for Dental Biomaterials (2008-2015)
School of Dentistry
Tehran University of Medical Sciences
Tehran - Iran

Lecturer in Dental Biomaterials(2010-2015)
Faculty of dentistry
Mashad University of Medical Sciences

Member of IADR
International Association of Dental research

Doctor of Dental Surgery (1998 - 2004)
Faculty of Dentistry
Mashad University of Medical Sciences
Mashad - Iran

**Aluminus of Iranian National Organization for
Exceptional Talents (1990 - 1998)
Mashad - Iran**

Publications:

- 1 - Flare-ups INCIDENCE and SEVERITY After Using Calcium Hydroxide as Intracanal Dressing. *Jamileh Ghoddusi, D.D.S, M.Sc.; Maryam Javidi, D.D.S, M.Sc.; Mohammad Hasan Zarrabi, D.D.S, M.Sc.; Hossein Bagheri, D.D.S.; N Y State Dent J. ;72(4):24-8*

2. Tensile bond strength of sealants following Er:YAG laser etching compared to acid etching in permanent teeth. *Sima Shahabi & Hossein Bagheri & Kosar Ramazani; Lasers Med Sci (First Online publishment) - Feb 2011*

3. Degree of conversion of nano- and micro-hybrid resin composites cured by different light sources. *T.S. Jafarzadeh Kashi, H. Bagheri G, M. Behroozibakhsh, S.M. Fatemi, Y. Rezaei; Dental materials 26 S (2010)*

4. The effect of temperature on the efficacy of polymerization of a dental resin composite. *T.S. Jafarzadeh Kashi, M. Behroozibakhsh, S.M. Fatemi, M.Erfan, H. Bagheri G Dental materials 26 S (2010)*

5. Influence of different power outputs of intraoral Nd:YAG laser on shear bond strength of a resin cement to nickel-chromium dental alloy. *Azam Sadat Madani, Pedram Ansari Astaneh, Sima Shahabi, Mohammad Reza Nakhaei, Hossein Bagheri G*, Nasim Chiniforush - Lasers Med Sci (First Online publishment)–June2012*

6. Effects of Laser Irradiation on Caries Prevention. *Yashar Rezaei, Hossein Bagheri, Maryam Esmailzadeh – Journal of Laser in Medical Sciences Vol 2, No 4 (2011)*

7. Degree of conversion of micro-hybrid, nano-hybrid and Ormocer composites using LED and QTH light-curing units. *Tahereh Sadat Jafarzadeh Kashi, Mohammad Erfan Akbar Fazel Najafabadi, Seied Mostafa Fatemi, Marjan Behroozibakhsh, Haleh Hali, Hosein Bagheri Gorgani – Journal of Dental Medicine – summer 2012, Vol. 25, No. 2*

8. Leucine-rich amelogenin peptide (LRAP) as a surface primer for biomimetic remineralization of superficial enamel defects: An *in vitro* study. *Shafiei, F., Hossein, B. G., Farajollahi, M. M., Fathollah, M., Marjan, B. and Tahereh, J. K. (2015), Scanning. doi: 10.1002/sca.21196*

9. Study on the influence of leucine-rich amelogenin peptide (LRAP) on the remineralization of enamel defects via micro-focus x-ray computed tomography and nanoindentation. *Bagheri G Hossein, Alireza Sadr, Jorge Espigares, Ilnaz Hariri, Syozi Nakashima, Hidenori Hamba, Farhad Shafiei, Fathollah Moztarzadeh, Junji Tagami - Biomedical Materials, 2015*

Book Publications:

1. CDR for Dental Materials (Based on Introduction to Dental Materials - Van noort 2007)
2. DDQ for Dental Materials (Based on Introduction to Dental Materials - Van noort 2007)
3. CDR for Dental Materials (Based on Applied Dental Materials - McCabe 2008)
4. 2. DDQ for Dental Materials (Based on Applied Dental Materials - McCabe 2008)

Presentations: (As presenter)

1. Calcium Hydroxide in Dentistry - 7th International Congress of Iranian Association of endodontics - 2004; Mashhad Iran
2. Laser Applications in Endodontics - 7th International Congress of Iranian Association of endodontics - 2004; Mashhad Iran
3. One-step Bondings - 50th Congress of Iranian Dental Association - 2009 - Tehran; Iran
4. Cytotoxicity and Antimicrobial characteristics of Endodontic sealers. 12th International Congress of Iranian Association of endodontics - 2009; Mashhad Iran
5. Repair of Composite Restorations; 11th Congress of Iranian Academy of Restorative Dentistry - 2011 - Tehran; Iran
6. Development of Dental Adhesives. 6th Congress of of Iranian General Dental Association. 2012 - Tehran; Iran
7. Degree of conversion of nano- and micro-hybrid resin composites cured by different light sources. Annual Meeting of Academy of Dental Materials - Oct 2010; Trieste; Italy
8. Enamel Regeneration: Hopes and Challenges; 2nd Congress on Stem cell – April 2012 – Tehran; Iran

9. Leucine-Rich-Amelogenin Peptide (LRAP) Assembles as Nanosphere Chains. 7th IADR Iranian Division Annual Meeting –Dec 2012, Tehran, Iran

10. Biomimetic Synthetic Enamel: A Potential Remineralizing Agent for Enamel Repair. 9th IADR Iranian Division Annual Meeting –Dec 2013, Tehran, Iran

11. *Leucine rich amelogenin peptide improves the remineralization of enamel lesions.* Annual meeting of Academy of Dental Materials, Oct 2014 – Bologna; Italy

Other RESEARCH Activities:

1. Advisor; Thesis for D.D.S Degree;

Tensile Bond Strength of Er:YAG Laser-etched in Comparison with Acid-etched Permanent Teeth and Sealant, Kosar Ramazani(2009) registration No. : 4785. School of Dentistry. Tehran University of Medical Sciences.

2. Advisor; Thesis for D.D.S Degree;

Comparison of Tensile Bond Strength of Fluor types of relining Materials to Four Denture Base Polymers. Maryam Mohammad Vali Samani. (2011). Registration No. : d/pm/36/69. School of Dentistry. Ahvaz Jundishapour University of Medical Sciences.

3. Advisor; Thesis for M.S Degree in Prosthodontics;

Shear Bond Strength Comparison of Composite to Ni-Cr Alloy After Three Conventional Treatments and Silica Lasing Method. Pedram Ansari Astaneh. (2012) Registration No. : 437. School of Dentistry. Mashad University of Medical Sciences.

4. Advisor; Thesis for M.S Degree in Pedodontics;

Microleakage of Class V Low-shrinkage and Self-adhering Composite Resin Restorations in Primary Molar Teeth, Dr. Nazli Yarahmadi (2013) registration No. : T-761. School of Dentistry. Tehran University of Medical Sciences.

4. Advisor; Thesis for M.S Degree in Orthodontics;

Effect of Different Acid-etching concentration and Time on The Shear Bond Strength and Adhesive Remnant Index Orthodontic Brackets Using a 10-MDP Containing Dental Adhesive. Masoumeh Esmaili (2013) (Under progress) School of Dentistry. Tehran University of Medical Sciences.

Executive Activities:

1. **Executive Editor;** Journal of Dental Medicine, Tehran University of medical Sciences.2013-2015

2. 1. **Executive Editor**; Journal of Dental Materials and Techniques, Mashhad University of medical Sciences. Since 2015

3. **Coordinator for Innovation Affairs**, School of Dentistry, Tehran University of Medical Sciences. (2013 - 2014)

4. **Member of Institute of Standard and Industrial Research of Iran** , ISIRI/TC106 , Since 2009

Educational Activities:

1. **Lecturer in Dental Biomaterials**; Faculty of Dentistry, Mashhad University of Medical Sciences. Mashhad, Iran
2. **Lecturer in Dental Biomaterials**, Jahad Branch of Shahid Beheshti University of Medical Sciences. Tehran, Iran