

CURRICULUM VITAE

SEYED AMIR MOUSAVI (Mr.)

PERSONAL DATA

Family: Mousavi

Name: Seyed Amir



Academic position: Assistant Professor

Department: Endodontics

School: Dentistry

University: Isfahan University of Medical Sciences

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PROFESSIONAL ACTIVITIES & EXPERIENCE:

2002-2008: Under graduate student of Dentistry, Isfahan University of Medical Sciences

2010-2013: Post graduate student of Endodontics, Mashhad University of Medical Sciences

2013-present: Assistant Professor, Isfahan University of Medical Sciences

2013-Present: Member and Consultant of Dental Research Center

2013-Present: Member of Iranian Association of Endodontics

2013-Present: Owner Concessioner of prestigious "Dental Research Journal" publishing by Wolters-Kluwer(Medknow) which is indexed in Pubmed, Scopus.

2014-Present: Administrator of Isfahan dental school Computer center, E-learning and IT unit.

2014-Present: Department Director of "Educational Development Office".

2015-Present: Editorial Board member of Journal of Cell Science and Apoptosis

2017-Present: Editorial Board member of Open Access Journal of Dental Sciences

RESEARCH INTERESTS:

Vital Pulp Therapy

Endodontic Materials

Histology of Pulp

Laser in Endodontics

Rotary Files

Pain Control Methods

Regeneration of Pulp

SELECTED PUBLICATION

I: Journal Papers:

1_ Mousavi SA, Sadaghiani L, Shahnasari S, Zandian A, Farnell DJ, Vianna ME. Effect of magnesium sulphate added to lidocaine on inferior alveolar nerve block success in patients with symptoms of irreversible pulpitis: a prospective, randomized clinical trial. *International endodontic journal*. 2020 Feb;53(2):145-53.

2_ Shahnasari S, Mohammadi N, Tamizifar A, Mousavi SA. Comparative study of articaine and lidocaine for third molar surgery. *Journal of Craniomaxillofacial Research*. 2019 Oct 23.

3_ Mousavi SA, Akhavan A, Shahnasari S, Razavi F, Zahedinejad A, Kolahdouzan E. In-vitro Evaluation of Microleakage in Root Canal Obturation with Mineral Trioxide Aggregate and Calcium-enriched Mixture Cement Using Fluid Filtration. *Journal of Dental Materials and Techniques*. 2019 Feb 25:20-30.

- 4_ Mousavi SA, Khademi A, Soltani P, Shahnasari S, Poorghorban M. Comparison of sealing ability of ProRoot mineral trioxide aggregate, biodentine, and ortho mineral trioxide aggregate for canal obturation by the fluid infiltration technique. *Dental research journal*. 2018 Sep;15(5):307.
- 5_ Shahnasari S, Farahani M, Bavandi MG, Bagherieh S, Mousavi SA. Stress distribution of maxillary first molar PDL with highpull headgear traction; A finite element analysis. *Future Dental Journal*. 2018 Jun 1;4(1):36-42.
- 6_ Mousavi SA, Farhad A, Shahnasari S, Basiri A, Kolahdouzan E. Comparative evaluation of apical constriction position in incisor and molar teeth: An in vitro study. *European Journal of Dentistry*. 2018 Apr 1;12(2):237.
- 7_ Khademi A, Mousavi SA, Moraditalab A, Shahnasari S, Khazaei S, Tajali R. Comparative evaluation of sealing of ProRoot MTA and Bio MTA in canal obturation by fluid infiltration. *Journal of Dental Medicine*. 2018 Jun 15;31(1):11-7.
- 8_ Farhad A; Mousavi S A; Shahnasari S; Iranmanesh P; Kafashi J . Evaluation and Comparison of the Position of the Apical Constriction in Single-root and Multiple-root Teeth. *J Mash Dent Sch* 2017; 41(4): 331-8.
- 9_ Khozeimeh F, Torabinia N, Shahnasari S, Shafae H, Mousavi SA. Determination of salivary urea and uric acid of patients with halitosis. *Dental Research Journal*. 2017 Jul 1;14(4):241.
- 10_ Sharifi R, Khazaei S, Mozaffari HR, Amiri SM, Iranmanesh P, Mousavi SA. Effect of massage on the success of anesthesia and infiltration injection pain in maxillary central incisors: Double-blind, crossover trial. *Dental Hypotheses*. 2017 Jul 1;8(3):61.
- 11_ Mazaheri H, Saatchi M, Shahnasari Sh, Hashemianfar MJ, Mousavi SA. Knowledge of Dentists in Iran on the Prophylactic Use of Antibiotics for Bacterial Endocarditis in Different Dental Procedures. *J Isfahan Dent Sch* 2017; 13(2): 149-157.
- 12_ Shahnasari S, Khalili Z, Mousavi SA, Jafari N. Evaluation of Knowledge of Parents of Children Aged 8-12 Years about Traumatic Avulsed Teeth in Isfahan. *J Mash Dent Sch* 2017; p41-50.
- 13_ Mousavi SA, Ghoddusi J, Shahmoradi M, Paymanpour P, Shahnasari Sh. Comparison of direct pulp capping and partial pulpotomy with MTA in Closed-Apex premolar teeth: a randomized clinical trial. *J Isfahan Dent Sch* 2016; 12(3): 290-297.
- 14_ Mousavi SA, Ghoddusi J, Mohtasham N, Shahnasari S, Paymanpour P, Kinoshita JI. Human Pulp Response to Direct Pulp Capping and Miniature Pulpotomy with MTA after Application of Topical Dexamethasone: A Randomized Clinical Trial. *Iran Endod J*. 2016;11(2): 85-90. Doi: 10.7508/iej.2016.02.002.
- 15_ Ghanbari, Habibollah, Seyed Amir Mousavi, Ali Forouzanfar, Mahdi Zakeri, Hooman Shafae, and Shirin Shahnasari. "Synergic phototoxic effect of visible light or Gallium-Arsenide laser in the presence of different photo-sensitizers on *Porphyromonas gingivalis* and *Fusobacterium nucleatum*." *Dental research journal* 12, no. 4 (2015): 323.
- 16_ Amini, K, Fathi M, Jahromi M, Mousavi S A , and Azade Kamali. "EVALUATION OF THE EFFECT OF CRYOGENIC TREATMENT ON CUTTING EFFICACY OF NI-TI ROTARY FILES." (2013): 1-10.[in Persian]

17_ Abtahi, S. M., Mousavi, S. A., Shafae, H., & Tanbakuchi, B. (2013). Effect of low-level laser therapy on dental pain induced by separator force in orthodontic treatment. *Dental research journal*, 10(5), 647.

18_ Mousavi, S. A., Kargar-Dehnavi, V., & Mousavi, S. A. (2012). A novel approach to determine the effect of irrigation on temperature and failure of Ni-Ti endodontic rotary files. *Dental research journal*, 9(3), 281.

II: International Conference Papers:

1_ Isolation of stem cell from human exfoliated primary teeth; 9th Dental student congress, 14-17 December, 2007, Tehran, Iran

2_ Endodontic therapy or dental implants? ; First Symposium of Iranian Association of Endodontists, October 10-11, 2013, Shahid Beheshti Dental School, Tehran , Iran

3_ Isolation of SHED from human teeth; 16th Scientific Meeting of Asian Pacific Endodontic Confederation, April 20-22, 2011 , Shiraz , Iran.

4_ How dental implants affecting root canal therapy ; Second national congress of dental implants October 4-7, 2014, Isfahan university of medical sciences, Iran

5_ Regenerative Endodontics; 18th world congress on dental traumatology, June 19-21, 2014, Istanbul, Turkey

6_ New techniques for management of avulsed teeth; 18th world congress on dental traumatology, June 19-21, 2014, Istanbul, Turkey

7_ Regenerative Endodontics in teeth with periapical lesion; 3th congress of oral pathology, July 29-31 , 2015, Isfahan ,Iran

8_ Isolation of stem cells from dental pulp of primary teeth ; 6th World Congress on Cell & Stem Cell Research February 29-March 02, 2016 Philadelphia, USA

9_ Human pulp response to direct pulp capping and miniature pulpotomy with MTA after application of topical dexamethasone: A randomized clinical trial; 26th American Dental Congress 18-20 September 2017, Philadelphia, USA

10_ Stem cells - A way for challenges of pulp and dentin regeneration; World Dental and Oral health Congress, 20-21 July 2018, London, UK

TEACHING SUBJECTS:

Endodontics Dentistry

Endodontic Dental Materials

Vital pulp Therapy

Endodontic techniques

PERSONAL STATEMENT:

I am a licensed dentist with Post graduate education in Endodontics. I have researched since 2007, and have trained multiple undergraduate students in Isfahan dental faculty. My DDS thesis was Isolation of stem cell from human exfoliated primary teeth. In my thesis we have showed that we can isolate stem cells from dental pulp of primary teeth and then we can differentiate these cells to other special cells like adipocyte. My GPA for DDS was 16.01(A). I have passed NBDE part 1 on Feb 2020. As I have international course work I submitted and equalized my transcript course-by-course by ECE evaluation.

My MSc thesis was Effect of topical dexamethasone on histologic response of human dental pulp to one step MTA direct pulp capping and partial pulpotomy: A randomized clinical trial. My GPA for MSc was 18.02(A).

I have 18 publications in journals and 10 oral and poster presentations in international congresses. I still have interest in stem cells and Endodontics research. I have 86 citations and my H-index is 5 according to Google scholar and I have 51 citations and my H-index is 4 according to Scopus. I have supervised 11 doctoral theses in dentistry.

I have profile in LinkedIn, Google Scholar, Research Gate, Pub Facts and Scopus.

POSITIONS AND HONORS:

Positions and Employment:

2010-2013 Resident of Endodontics; Mashhad University of Medical sciences

2013-present Assistant Professor of Dentistry; Isfahan University of Medical sciences, School of Dentistry

Academic Backgrounds and Professional Memberships:

1_ Member, Iranian Association of Endodontists

2_ Member, Association of Dental traumatology

3_ EDO manager of Department of Endodontics, Isfahan University of medical sciences

4_ Member of Elite foundation of Iran for being top student in post-graduation

5_ Top student of Mashhad University of Medical Sciences, Mashhad, Iran 2013

6_ Torabinejad Dental Research Center Affiliated Professor of Isfahan University of medical sciences since 2013 till now

7_ I have been one of the reviewers of journal of Isfahan dental school and journal of dental materials and techniques

8_Executive director of 16th international congress of Iranian association of Endodontists.2014

9_Executive director of 3th congress of Iranian oral and maxillofacial pathology 2015

10_Executive director of 3th international symposium of Iranian association of Endodontists.2017

11_Scientific panel Moderator of 3th international Symposium of Iranian association of Endodontists.2017

Research Course Attendance:

1- “Novel methods for clinical exam” held by Vice-Chancellery for Research and Technology, Isfahan University of Medical sciences April 2019.

2_ “Ethics in medical research” held by Vice-Chancellery for Research, Isfahan University of Medical sciences March 2019.

3- “Systematic search for systematic review” held by Department of Epidemiology & Biostatistics, School of Public Health, Isfahan University of Medical Sciences, 2017.

4- “Research methods” held by Research and Technology center, Isfahan University of Medical sciences, 2015.

5- “Education methods” held by Education Development Center, Isfahan University of Medical sciences, 2015.

6- “How to search” held by Vice-Chancellery for Research and Technology, Isfahan University of Medical sciences June 2014.

Honors:

2007 _ Best oral presentation award in National dental student congress, Shahid Beheshti University of medical sciences

2012_Dean's research award for best researcher resident, College of Dentistry, Mashhad University of medical sciences

2015_ Dean's award for best assistant professor in the faculty chosen by Dental students

2018_ Dean's award for best article in the Department of Endodontics chosen by vice chancellor of research

Current Research:

Regeneration in Endodontics

Pain and Anesthesia

Dental materials in Endodontics