



Shahid Beheshti University of Medical Sciences

School of Dentistry



Asghar Ebadifar,

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DDS, MSC Professor & Chairman of Department of Orthodontics, School of Dentistry, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Dean of Dental School, Shahid Beheshti University of Medical Sciences, Velenjak, Tehran, Iran.

Dean of the Dentofacial Deformities Research Center, Research Institute for Dental Sciences Dental School, Shahid Beheshti University of Medical Sciences,

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Personal Information

- **Date of Birth:** 1967
- **Nationality:** Iranian
- **Academic Rank:** Professor
- **Department:** Orthodontics
- **Institution:** Shahid Beheshti University of Medical Sciences, Tehran, Iran

• EDUCATION

- MSCs in orthodontics shahid beheshti University of Medical Sciences, School of Dentistry, Tehran, Iran. 1997-2001
- D.D.S Shahid Beheshti University of Medical Sciences, School of Dentistry, Tehran, Iran. 1990-1995

Research and Publications

Peer-Reviewed Articles (Published in National Journals - in Persian):

1. **Epidemiological Study of Periodontal Status in Ilam Province, 1992**
Authors: Ashraf al-Sadat Sanei, Asghar Ebadifar, Kazem Mohammad
Journal: Nabezh Journal
Volume/Issue: 6(3), 4336
Pages: 4-8
Year: Fall 1997
2. **Antimicrobial Effects of Seven Plant Extracts on Some Oral Pathogenic Bacteria**
Authors: Ashraf al-Sadat Sanei, Hamidreza PourAsalemi, Asghar Ebadifar, Ali Madahi, Bahman Saboor, Faraz Mojab, Mohammad Kamalinejad



Shahid Beheshti University of Medical Sciences

School of Dentistry

- Journal:* Pajouhandeh Research Quarterly
Volume/Issue: 2(6), 4336
Pages: 9-41
Year: Fall 1997
3. **Prevalence of Free Caries in 6-Year-Old Children in Tehran, 1992**
Authors: Ashraf al-Sadat Sanei, Kazem Mohammad, Asghar Ebadifar, Diba Dastjerdi, Mina Pak Khesal
Journal: Shahid Beheshti University Dental Journal
Volume/Issue: 46(4), 4333
Pages: 408-441
Year: Summer 1994
4. **Clinical Effects of a Herbal Product on Gingivitis and Periodontitis**
Authors: Ashraf al-Sadat Sanei, Hamidreza PourAsalemi, Asghar Ebadifar
Journal: Shahid Beheshti University Dental Journal
Volume/Issue: 48(2), 4339
Pages: 414-418
Year: Summer 2000
5. **Tissue Response to Titanium Screws Used as Orthodontic Anchorage in Rabbits**
Authors: Masoud Seifi, Asghar Ebadifar, Behnam Asalemi, Kazem Mohammad
Journal: Hakim Research Journal
Volume/Issue: 1(2), 4384
Pages: 410-411
Year: Spring 2005
6. **Soft Tissue Profile Changes Following Edgewise Orthodontic Treatment in Class II Division 1 Patients**
Authors: Mohammad Haji Ghadimi, Asghar Ebadifar, Fataneh Alavi Tabatabaei
Journal: Shahid Beheshti University Dental Journal
Volume/Issue: 48(2), 4384
Pages: 12-31
Year: Spring 2005
7. **Evaluation of Research Facilities in Dental Schools in Iran**
Author: Asghar Ebadifar
Journal: Hakim Research Journal
Volume/Issue: 41(41), 4381
Pages: 41-44
Year: May 2002
8. **Research Performance and Needs Assessment of Dental Faculty Members**
Authors: Asghar Ebadifar, Mohammad Reza Mohammadi, Naser Valaei
Journal: Tehran University Dental Journal
Volume/Issue: 48(1), 4381
Pages: 404-91
Year: Winter 2002
9. **Comparison of Three-Color Pone Toothpaste with Regular Pone Toothpaste in Preventing Plaque Formation**
Authors: Asghar Ebadifar, Azadi Naghibi, Naser Valaei, Gholam Hossein Ramazani, Saeed Sadat Mansouri
Journal: Tehran University Dental Journal
Volume/Issue: 24(2), 4383
Pages: 410-411
Year: Summer 2004



Shahid Beheshti University of Medical Sciences

School of Dentistry

10. **Elemental Evaluation of Nickel-Titanium Orthodontic Wires in Relation to Bending Force Characteristics**
Authors: Asghar Ebadifar, Mehrnaz Moradinejad, Seyed KhatibalSalam Sadrnejad
Journal: Shahid Beheshti University Dental Journal
Volume/Issue: 29(1), 4390
Pages: 229-249
Year: Winter 2011
11. **Effect of Low-Level Laser Therapy Combined with DFDBA on Bone Repair in Rabbits**
Authors: Masoud Seifi, Fa'ezeh Atri, Mohammad Masoud Yazdani, Asghar Ebadifar
Journal: Shahid Beheshti University Dental Journal (Special Winter Edition)
Volume/Issue: 29(1), 4390
Pages: 314-31x
Year: Winter 2011
12. **Study of H Index and Related Factors in Faculty Members of Shahid Beheshti Dental School in 2011**
Authors: Asghar Ebadifar, Ghasemali Kamali Vatan, Naser Valaei, Elaheh Vahid Dastjerdi
Journal: Research in Medicine Journal (Special Winter Edition)
Volume/Issue: 3(1), 4394
Pages: 38-82
Year: Winter 2015
13. **Risk Factors Associated with Cleft Lip and Palate in a Group of Newborns in Tehran (2011-2014)**
Authors: Roya Hamedi, Asghar Ebadifar, Sara Yousefi Nia
Journal: Qazvin University of Medical Sciences Journal
Volume/Issue: 24(1), 439x
Pages: 20-23
Year: Winter 2015

Peer-Reviewed Articles (Published in National Journals - in English):

Authored several academic papers published in English-language journals within Iran.

1. **Comparison of Bolton's Ratios before and after Treatment in an Iranian Population**
Ebadifar A, Taliee R
Journal of Dental Research, Dental Clinics, Dental Prospects, 7(1), 2013, 30-35, Winter (PubMed)
2. **The Intravenous Laser Blood Irradiation in Chronic Pain and Fibromyalgia**
Sirous Momenzadeh, Mohammadzaki Abbasi, Asghar Ebadifar, Mohammadreza Aryani, Jafar Bayrami, Fatemeh Nematollahi
Journal of Lasers in Medical Sciences, 6(1), 2015, 6-9, Winter (PubMed)
3. **Incidence Assessment of MTHFR C677T and A1298C Polymorphisms in Iranian Non-syndromic Cleft Lip and/or Palate Patients**
Ebadifar A, Ameli N, KhorramKhorshid H.R, Salehi Zeinabadi M, Kamali K, Khoshbakht T
Journal of Dental Research, Dental Clinics, Dental Prospects, 9(2), 2015, 101-104, Spring (PubMed)
4. **Maternal Supplementary Folate Intake, Methylenetetrahydrofolate Reductase (MTHFR) C677T and A1298C Polymorphisms and the Risk of Orofacial Cleft in Iranian Children**
Ebadifar A, KhorramKhorshid H.R, Kamali K, Salehi Zeinabadi M, Khoshbakht T, Ameli N
Avicenna Journal of Medical Biotechnology, 7(2), 2015, 80-84, April-June (PubMed)
5. **Association of Transforming Growth Factor Alpha Polymorphisms with Nonsyndromic Cleft Lip and Palate in Iranian Population**
Asghar Ebadifar, Roya Hamedi, Hamid Reza Khorram Khorshid, Kioomars Saliminejad, Koorosh Kamali
Avicenna Journal of Medical Biotechnology, 7(4), 2015, 168-172, October-December (PubMed)



6. **Dimensional Changes of Dental Arch Following Non-extraction Orthodontic Treatment**
Mahsa Sobhi Afshar, Asghar Ebadifar
Caspian Journal of Dental Research, 5(1), 2016, 29-35 (Index Copernicus)
7. **Parental Cigarette Smoking, Transforming Growth Factor-Alpha Gene Variant and the Risk of Orofacial Cleft in Iranian Infants**
Ebadifar A, Hamed R, KhorramKhorshid H.R, Kamali K, Moghadam F.A
Iranian Journal of Basic Medical Sciences, 19(4), 2016, 366-373, April (ISI)
8. **Evaluation of the Effects of Intravenous and Percutaneous Low-Level Laser Therapy in the Management of Shoulder Myofascial Pain Syndrome**
Momenzadeh S, Akhyani V, Razaghi Z, Ebadifar A, Abbasi M
Journal of Lasers in Medical Sciences, 7(1), 2016, 16-20, Winter (ISI, PubMed)
9. **Evaluating the Role of Maternal Folic Acid Supplementation in Modifying the Effects of Methylenetetrahydrofolate Reductase (C677T and A1298C) Gene Polymorphisms in Oral Cleft Children**
Ebadifar A, Ameli N, KhorramKhorshid H.R, Kamali K, Zeinabadi M.S
Journal of Research in Medical Sciences, 21(4), 2016, 1-4 (ISI, PubMed)
10. **Forced Expression of Hnflb/Foxa3 Promotes Hepatic Fate of Embryonic Stem Cells**
Yahoo N, Pournasr B, Rostamzadeh J, Hakhamaneshi M.S, Ebadifar A, Fathi F, Baharvand H
Biochemical and Biophysical Research Communications, 474(1), 2016, 199-205 (ISI)
11. Arch dimensional changes following orthodontic treatment with extraction of four first premolars
Asghar Ebadifar, Mohammad Hossien Shafazand, Massoud Seifi
Journal of Oral Health and Oral Epidemiology, 5(2), 2016, 84-89 (Mgiran)
12. Health Research Governance: Introduction of a New Web-based Research Evaluation Model in Iran: One-decade Experience
MALEKZADEH R, AKHONDZADEH SH, EBADIFAR A, BARADARAN EFTEKHARI M, OWLIA P, GHANEI M, FALAHAT K, HABIBI E, SOBHANI Z, DJALALINIA SH, PAYKARI N, MOJARRAB SH, ELTEMASI M, LAALI R
Iran J Public Health, 45(10), 2016, 1309-1314 (ISI)
13. Effect of Nano Hydroxy Apatite on Artificial Carious Lesions Created on Extracted Teeth
Ebadifar A, Nomaniahi Fatemi M
Journal of Dental Research, Dental Clinics, Dental Prospects, 11(1), 2017, 14-17 (PubMed)
14. Comparative effectiveness of Low Level Laser therapy and Transcutaneous Electric Nerve Stimulation on Temporomandibular Joint Disorders
Massoud Seifi, Asghar Ebadifar, Sattar Kabiri, Mohammad Reza Badiee, Zahra Abdolazimi, Parisa Amdjadi
Journal of Lasers in Medical Sciences, Vol: 8 (Suppl 1), 2017, S27-S31 (ISI)
15. Development of Health Research Structures Over the Last 25 Years: Main Achievements and Challenges
Shirin Bagher Talei, Mohammad Djalalinia, Farzaneh Barhemmat, Fatemeh Mohammadali Khalaj, Hamideh Heydari, Hossein Zokaei, Shahin Akhondzadeh, Asghar Ebadifar
Arch Iran Med, 20(11), 2017, 659-664 (ISI)
16. Medical Science and Research in Iran
Shahin Akhondzadeh, Asghar Ebadifar, Monir Baradaran Eftekhari, Katayoun Falahat
Arch Iran Med, 20(11), 2017, 665-672 (ISI)
17. Research Ranking of Iranian Universities of Medical Sciences Based on International Indicators: An Experience From I.R. of Iran
Monir Baradaran Eftekhari, Zahra Sobhani, Masoumeh Eltemasi, Elham Ghalenoe, Katayoun Falahat, Elham Habibi, Shirin Djalalinia, Niloofar Paykari, Asghar Ebadifar
Arch Iran Med, 20(11), 2017, 673-679 (ISI)
18. How to Assess Quality of Research in Iran, From Input to Impact? Introduction of Peer-Based Research Evaluation Model in Iran
Asghar Ebadifar, Monir Baradaran Eftekhari, Parviz Owli, Elham Habibi, Elham Ghalenoe, Mohammad Reza Bagheri, Katayoun Falahat, Masoumeh Eltemasi, Zahra Sobhani, Shahin



- Akhondzadeh
Arch Iran Med, 20(11), 2017, 680-686 (ISI)
19. The Role of Medical Research Centers in Health Research System Promotion in I.R. of Iran: 2001–2014
Monir Baradaran Eftekhari, Katayoun Falahat, Asghar Ebadifar, Masoumeh Eltemasi, Zahra Sobhani, Elham Ghalenoee, Elham Habibi, Shahin Akhondzadeh
Arch Iran Med, 20(11), 2017, 687-690 (ISI)
 20. Association of the WNT3 Variations and the Risk of Non-Syndromic Cleft Lip and Palate in a Population of Iranian Infants
Homa Farrokhi Karibozorg, Nahid Masoudian, Kioomars Saliminejad, Asghar Ebadifar, Koorosh Kamali, Hamid Reza Khorram Khorshid
Avicenna Journal of Medical Biotechnology, 10(3), 2018, 168-172 (PubMed)
 21. Interaction Effect of RsaI and BamHI Polymorphisms of TGF α , BMP2 and BMP4 on the Occurrence of Non-Syndromic Cleft Lip and Palate in Iranian Patients
Saba Samadi, Asghar Ebadifar, Hamid Reza Khorram Khorshid, Koorosh Kamali, Mohammadreza Badiie
 22. Mesiodistal angulation of posterior teeth in orthodontic patients with different facial growth patterns
Mohammadreza Badiie, Asghar Ebadifar, Sanaz Sajedi
 23. Development of evaluation system for Iranian health research networks: Challenges and lessons learned
Djalalinia S, Talei MB, Najjari A, Bagheri MR, Akhondzadeh S, Malekzadeh R, Ebadifar A
 24. Knowledge production in Iranian cardiovascular research centers: A way to reduce the burden of disease
Ebadifar A, Baradaran-Eftekhari M, Falahat K, Eltemasi M, Sobhani Z, Ghalenoee E, Habibi E, Sarrafzadegan N, Akhondzadeh S, Malekzadeh R
 25. Qualitative Research Evaluation Based on Peer Review in Iranian Medical Research Centers: Experiences From IR Iran
Elham Ghalenoei, Eftekhari Monir Baradaran, Asghar Ebadifar, Reza Malekzadeh
 26. Comparison of Single and Multiple Low-Level Laser Applications After Rapid Palatal Expansion on Bone Regeneration in Rats
Ladan Eslamian, Aliasghar Ebadifar, Masoud Mohebbi Rad, Saeed Reza Motamedian, Mohammad Reza Badiie, Hossein Mohammad Rahimi, Mohammad Hosein Farahani
 27. Screening PAX9, MSX1 and WNT10A Mutations in 4 Iranian Families with Non-Syndromic Tooth Agenesis
Shiva Safari, Asghar Ebadifar, Hossien Najmabadi, Koorosh Kamali, Seyedeh Sedigheh Abedini
 28. Comparison of the effects of toothpastes containing nanohydroxyapatite and fluoride on white spot lesions in orthodontic patients: A randomized clinical trial
Mohammadreza Badiie, Nima Jafari, Sayedali Fatemi, Nazila Ameli, Shahin Kasraei, Asghar Ebadifar
 29. Evaluation and research ranking of social determinants of health (Sdh) research centers in Iran: An effective step towards achieving health equity
Falahat Katayouna, Eftekhari Monir Baradarana, Eftekhari M.B., Asghar Ebadifar, Akhondzade Shahin
 30. The correlation between external apical root resorption and electric pulp test responses: a prospective clinical trial
Farnaz Younessian, Mohammad Behnaz, Mohammadreza Badiie, Kazem Dalaie, Arezou Sarikhani, Shiva Shekarian, Shahab Kavousinejad, Asghar Ebadifar
 31. Peer Review Research Evaluation in Iran: Strengths, Weaknesses and Suggestions
Monir Baradaran Eftekhari, Asghar Ebadifar, Elham Ghalenoee, Katayoun Falahat
 32. Association of rs2013162 and rs2235375 Polymorphisms in IRF6 Gene with Susceptibility to Non-Syndromic Cleft Lip and Palate
Masoumeh Soleymani, Asghar Ebadifar, Maryam Khosravi, Emran Esmaeilzadeh, Hamid Reza Khorram Khorshid
 33. Academic Impact Evaluation in National Health Research System: Toward Public Health Promotion
Monir Baradaran Eftekhari, Katayoun Falahat, Asghar Ebadifar



Shahid Beheshti University of Medical Sciences

School of Dentistry

34. Detection of a rare AXIN2 variant in an Iranian family with hypodontia and oligodontia
Shiva Safari, Asghar Ebadifar, Hossien Najmabadi, Koorosh Kamali, Seyedeh Sedigheh Abedini, Mohammad Mousavi
35. Association between PTCH1 and RAD54B Single-Nucleotide Polymorphisms and Non-syndromic Orofacial Clefts in the Northeast Population of Iran
Reza Morvaridi Farimani, Mohsen Azimi-Nezhad, Hamid Reza Khorram Khorshid, Asghar Ebadifar, Saba Tohidkhah, Zahra Jafarian, Koorosh Kamali, Zeinab Nazari, Reza Ebrahimzadeh-Vesal
36. Evaluation of Seroconversion Rate Following SARS COV 2 Vaccination in Health Care Workers at Shahid Beheshti University of Medical Sciences
Masoud Alavi, Mohammad Mousavi, Mohammad Jazayeri, Asghar Ebadifar

Peer-Reviewed Articles (Published in International Journals):

Contributor to internationally recognized orthodontic and dental research publications.

1. The study of tissue reactions following placement of titanium screws as an orthodontic anchorage in rabbits
Ebadifar A, Seifi M, Eslami B, Mohammad K
2. Diagnostic value of silver nitrate staining for nucleolar organizer regions in selected head and neck tumors
Eslami B, Rahimi H, Rahimi F, Moradzadeh Khiavi M, Ebadifar A
3. Management of the fractured edentulous atrophic mandible
Nasser M, Fedorowicz Z, Ebadifar A
4. A Cochrane systematic review finds no reliable evidence for different management options for the fractured edentulous atrophic mandible
Nasser M, Fedorowicz Z, Ebadifar A
5. Single and double stage sintering of mechanically alloyed powder for nanostructured Ti6Al4V foams usable in cancellous scaffolds
Sadrezhaad S.K, Aryana M, N. Hassanzadeh Nemati N, M. Alizadeh M, Ebadifar A
6. Contribution of health researches in national knowledge production: A scientometrics study on 15-Year research products of Iran
Shirin Djalalinia, Niloofar Peykari, Monir Baradaran Eftekhari, Zahra Sobhani, Reza Laali, Omid Ali Qorbani, Shahin Akhondzadeh, Reza Malekzadeh, Asghar Ebadifar
7. Association Study of Transforming Growth Factor Alpha TaqI Polymorphism and the Risk of Cleft Lip and/or Palate in an Iranian Population
Bagheri F, Ebadifar A, Khorram Khorshid H.R, Kamali K
8. The study of association between reduced folate carrier 1 (RFC1) polymorphism and non-syndromic cleft lip/palate in Iranian population
Behnoosh Soghani, Asghar Ebadifar, Hamid Reza Khorram Khorshid, Koorosh Kamali, Roya Hamed, Fatemeh Aghakhani Moghadam
9. Assessment of Environmental Health Research Centers in Iran due to knowledge production and utilization
Asghar Ebadifar, Alireza Mesdaghinia, Monir Baradaran Eftekhari, Katayoun Falahat
10. Generation of Fam83h knockout mice by CRISPR/Cas9-mediated gene engineering
Nasseri S, Nikkho B, Parsa S, Ebadifar A, Soleimani F, Rahimi K, Vahabzadeh Z, Khadem-Erfan M.B, Rostamzadeh J, Baban B, Banafshi O, Assadollahi V, Mirzaie S, Fathi F
11. Effect of mesenchymal stem cells injection and low-level laser therapy on bone formation after rapid maxillary expansion: an animal study
Sadra Mohaghegh, Hossein Mohammad-Rahimi, Ladan Eslamian, Asghar Ebadifar, Mohammad Reza Badiie, Mohammadhossein Farahani, Masoud Mohebbi Rad, Saeed Reza Motamedian
12. A study is that without any evidence-based risk factor of root resorption, clinicians could use EPT records as diagnostic tool, to prevent severe root resorption before being...



Shahid Beheshti University of Medical Sciences

School of Dentistry

- F. Younessian, M. Behnaz, M. Badiee, K. Dalaie, A. Sarikhani, S. Shekarian, S. Kavousinejad, A. Ebadifar
13. Orofacial Closure Defects: Forty-Five Genes Associated with Cleft Lip and Palate
Sahar Ashouri, Hamidreza Khorramkhorshid, Asghar Ebadifar
 14. The Socioeconomic Impact of Health Research in Iranian Universities of Medical Sciences: An experience from IR Iran
Monir Baradaran Eftekhari, Asghar Ebadifar, Katayoun Falahat
 15. Effect of mesenchymal stem cells with platelet-rich plasma carriers on bone formation after rapid maxillary expansion: An Animal Study
Asghar Ebadifar, Ladan Eslamian, Saeed Reza Motamedian, Mohammad Reza Badiee, Sadra Mohaghegh, Mohammadhossein Farahani, Masoud Mohebbi Rad, Hossein Mohammad-Rahimi, Arash Khojasteh

Conference Presentations (Domestic - Iran):

Presented numerous papers at national orthodontic and dental research conferences in Iran.

1. **Changes in Periodontal Tissues Following Orthodontic Treatments**
First Scientific Conference of the Iranian Orthodontic Association
Asghar Ebadifar
September 1985
2. **Patient Education in Orthodontics**
First Congress of the Iranian Orthodontic Association
Asghar Ebadifar
September 1985
3. **Socket Preservation Following Extraction for Orthodontic Treatment: An Experimental Study**
Seventh International Congress of the Iranian Orthodontic Association – Hamedan
Masoud Seifi, Asghar Ebadifar, Elaheh Vahid Dashtgerdi, Soodeh Tahmasebi
April 30 - June 4, 2009
4. **An Algorithmic Evaluation of the Construction Bite Preparation for Functional Appliances**
Seventh International Congress of the Iranian Orthodontic Association – Hamedan
Sadeghi K, Seifi M, Ebadifar A, Rezvani
April 30 - June 4, 2009
5. **Atomic Absorption Spectrophotometric Determination of Calcium in Bone After Surgical Procedure of Gonadectomy in Rats**
Fourth Annual Conference of the Iranian Branch of the World Dental Research Association – Tehran
M. Seifi, M. Hedayati, M. Ashiri, A. Ebadifar, E. Sayanjali
December 29, 2009
6. **Effect of Nanocrystalline Hydroxyapatite in Artificial Socket Preservation on Orthodontic Tooth Movement**
Fifth Annual Congress of the World Dental Research Association, Iranian Branch – Tehran
Seifi M, Gholami Gh.A, Ebadifar A, Arayesh A, Moradi Z
December 29, 2010
7. **Effect of Synthetic Alloplastic Grafts on Orthodontic Induced Inflammatory Root Resorption (OIIRR)**
Fifth Annual Congress of the World Dental Research Association, Iranian Branch – Tehran
Seifi M, Ebadifar A, Shamlou N, Tahmasbi S, Arayesh A, Moradi Z
December 29, 2010
8. **Role of Human Resource Development in the Health System**
National Conference on Evaluating the Performance of the Eleventh Government in Health
Zahra Sobhani, Masoumeh Altemasi, Asghar Ebadifar, Monir Baradaran Eftekhari, Katayoun Falahat
April 4, 2012



Shahid Beheshti University of Medical Sciences

School of Dentistry

Presentations at International Conferences

1. **Effect of Pamidronate on the Root Resorption Following Experimental Tooth Movement**
Authors: Seifi M, Aghaeipour N, Ebadifar A
Conference: 109th Annual Session of the American Association of Orthodontists, Boston, Massachusetts
Year: 2009
Date: May 1-5
2. **Effect of Freeze-Dried Allografts on the Orthodontically Induced Root Resorption**
Authors: Seifi M, Ghoraishian S A, Vahid Dastgerdi E, Ebadifar A
Conference: IADR, San Diego, California, USA
Year: 2011
Date: March 16-19

Specialized Orthodontics Theses Supervised

- Supervised numerous **doctoral theses** focusing on cutting-edge orthodontic research topics.
 1. **Asghar Ebadifar**
Title: Evaluation of the Tissue Response Following the Use of Titanium Screws as Orthodontic Anchorage in Rabbits
Supervisor: Masoud Seifi
Advisor: Behnam eslami
Year: 1998-2000
 2. **Mehrnaz Moradi Nejad**
Title: Comparative Evaluation of the Force-Deflection Characteristics of Nickel-Titanium Orthodontic Wires in Relation to Their Elemental Analysis
Supervisor: Asghar Ebadifar
Advisor: Seyed Khatib Al-Islam Sadri Nejad
Year: 2010-2011
 3. **Nazial Amali**
Title: Investigation of the Relationship Between Genetic Polymorphisms A1298C MTHFR C677T and Folate Supplementation with the Incidence of Non-Syndromic Cleft Lip and Palate in Iranian Patients
Supervisor: Asghar Ebadifar
Advisor: Khorram Khorshid, Kamali
Year: 2013-2014
 4. **Roya Hamidi**
Title: Investigation of the Relationship Between Genetic Polymorphisms RsaI and BamHI of the Transforming Growth Factor Alpha Gene with Non-Syndromic Cleft Lip and Palate in Iranian Patients
Supervisor: Asghar Ebadifar
Advisor: Hamidreza Khorram Khorshid
Year: 2014-2015
 5. **Fahimeh Bagheri**
Title: Investigation of the Relationship Between TaqI Polymorphism of the Transforming Growth Factor Alpha Gene and the Incidence of Non-Syndromic Cleft Lip and Palate in Iranian Patients
Supervisor: Asghar Ebadifar
Advisor: Hamidreza Khorram Khorshid
Year: 2016-2017
 6. **Shiva Safari**
Title: Investigation of Variants of the Genes MSX1, PAX9, AXIN2, and WNT10A in Iranian Families Affected by Congenital Absence of Permanent Teeth
Supervisor: Asghar Ebadifar
Advisor: Hossein Najm Abadi
Year: 2017-2018
 7. **Reza Moravideh**
Title: Investigation of the Relationship Between Genetic Polymorphisms of PTCH1 and RAD54B with the Incidence of Non-Syndromic Cleft Lip/Palate in Patients from Nishabur
Supervisor: Asghar Ebadifar
Advisor: Hamidreza Khorram Khorshid, Azimi Nejad
Year: 2021-2022



Shahid Beheshti University of Medical Sciences

School of Dentistry

General Dentistry Theses

Asghar Ebadifar

- **Thesis Title:** Epidemiological Study of Periodontal Status in Ilam Province
Year: 1995-1996
Advisor: Ashraf Al-Sadat Sanai

Azadi Naghibi

- **Thesis Title:** Comparison of Three-Color Mint Toothpaste with Regular Mint Toothpaste in Preventing Biofilm Formation (Islamic Azad University)
Year: 2005-2006
Supervisor: Asghar Ebadifar
Advisor: Gholamhossein Ramazani

Hamid Monafi

- **Thesis Title:** The Effect of Thermal Treatments on the Properties of Porous Nitinol Alloys for Use in Artificial Bone Implants (Islamic Azad University)
Year: 2010-2011
Supervisors: Asghar Ebadifar, Nahid Hassan Zadeh Naimati
Advisor: Seyed Khatib Al-Islam Sadri Nejad

Ghasem Ali Kamali Vatan

- **Thesis Title:** Analysis of the H-Index of Faculty Members in the Dentistry Department of Shahid Beheshti University of Medical Sciences
Year: 2011-2012
Advisor: Asghar Ebadifar

Rojin Talayi

- **Thesis Title:** Investigation of Bolton Ratios Before and After Treatment in Patients Referring to the Orthodontics Department of Shahid Beheshti University of Medical Sciences
Year: 2011-2012
Advisor: Asghar Ebadifar

Mahsa Sobhi Afshar

- **Thesis Title:** Investigation of Changes in the Length and Width of the Dental Arch in Class I Skeletal Patients Referred to the Orthodontics Department of Shahid Beheshti University of Medical Sciences Following Orthodontic Treatments Without Tooth Extraction
Year: 2012-2013
Advisor: Asghar Ebadifar

Hossein Mohammad Shafazand

- **Thesis Title:** Investigation of Changes in the Length and Width of the Dental Arch in Class I Skeletal Patients Referred to the Orthodontics Department of Shahid Beheshti University of Medical Sciences Following Orthodontic Treatments Without Tooth Extraction
Year: 2012-2013
Advisor: Asghar Ebadifar

Mohammad Namani

- **Thesis Title:** Formulation and Manufacture of Nano-Hydroxyapatite Toothpaste and Investigation of Its Effect on Artificial Lesions Created on Extracted Teeth
Year: 2013-2014
Advisor: Asghar Ebadifar



Shahid Beheshti University of Medical Sciences

School of Dentistry

Saba Samadi

- **Thesis Title:** Investigation of the Relationship Between Genetic Polymorphisms RsaI and BamHI with C677T, A1298C of the MTHFR Gene and the Incidence of Non-Syndromic Cleft Lip and Palate in Iranian Patients
Supervisors: Khorram Khorshid, Kamali
Advisor: Asghar Ebadifar
Year: 2016-2017

Behnush Soghani

- **Thesis Title:** Investigation of the Relationship Between Genetic Polymorphism (A80G) of the SLC19A1 Reduced Folate Carrier and the Incidence of Non-Syndromic Cleft Lip/Palate in Iranian Patients
Supervisors: Hamidreza Khorram Khorshid, Kourosh Kamali
Advisor: Asghar Ebadifar
Year: 2016-2017

Sanaz Sajadi

- **Thesis Title:** Investigation of the Mesiodistal Angle of Posterior Teeth in Orthodontic Patients with Different Facial Patterns in the Vertical Dimension
Advisor: Mohammadreza Badi'i
Supervisor: Asghar Ebadifar
Year: 2018-2019

Nima Jafari

- **Thesis Title:** Clinical Investigation of the Effect of Nano-Hydroxyapatite Toothpaste on White Spot Lesions in Orthodontic Patients
Supervisors: Mohammadreza Badi'i, Shahin Kasraei
Advisor: Asghar Ebadifar
Year: 2018-2019

Masoud Alavi Emami

- **Thesis Title:** Measurement of Antibody Levels After Vaccination Against SARS-CoV-2 in Employees of Shahid Beheshti University of Medical Sciences
Supervisors: Seyed Mohammad Jazayeri, Mohammad Mousavi
Advisor: Asghar Ebadifar
Year: 2022-2023

Approved Research Projects

- Led several **research projects** aimed at advancing the field of orthodontics, including clinical trials and interdisciplinary studies.
 1. **Principal Investigators:** Asghar Abadi Far, Masoud Seifi
Collaborators: Behnam Eslami, Kazem Mohammad
Project Title: Tissue reaction analysis following the use of titanium screws as orthodontic anchorage in rabbits
Start Year: 1999
Completion Year: 2000
Funding Organization: Research Vice-Chancellor, Ministry of Health
Execution Site: School of Dentistry, Shahid Beheshti University of Medical Sciences
 2. **Principal Investigator:** Asghar Abadi Far
Collaborators: Mahtab Noori
Project Title: Establishment of Iran's dental information database
Start Year: 2002
Completion Year: 2003
Funding Organization: National Medical Research Center
Execution Site: Dental Schools across the country



Shahid Beheshti University of Medical Sciences

School of Dentistry

3. **Principal Investigator:** Asghar Abadi Far
Collaborators: Mohammad Ghasem Jahangard
Project Title: Evaluation of the performance of research vice-chancellors at medical universities across the country
Start Year: 1994
Completion Year: 1995
Funding Organization: Ministry of Health
Execution Site: Dental Schools across the country
4. **Principal Investigator:** Asghar Abadi Far
Collaborators: Kazem Mohammad, Ashraf Sadat Sanai
Project Title: Oral and dental health status evaluation in Bushehr, Ardabil, and West Azerbaijan provinces
Start Year: 1994
Completion Year: 1994
Funding Organization: Ministry of Health
Execution Sites: Bushehr, Ardabil, West Azerbaijan provinces
5. **Principal Investigator:** Asghar Abadi Far
Collaborators: Kazem Mohammad, Ashraf Sadat Sanai
Project Title: Evaluation of the caries-free prevalence among Tehran's children aged X
Start Year: 1993
Completion Year: 1993
Funding Organization: Ministry of Health
Execution Site: Tehran Province
6. **Principal Investigator:** Asghar Abadi Far
Collaborators: Ashraf Sadat Sanai
Project Title: Development of an herbal toothpaste containing extracts of Miswak tree, sage, and chicory
Start Year: 1993
Completion Year: 1994
Funding Organization: Ministry of Health
Execution Site: Tehran
7. **Principal Investigator:** Asghar Abadi Far
Collaborators: Kazem Mohammad, Ashraf Sadat Sanai
Project Title: Oral and dental health status evaluation in Ilam, Zanjan, Markazi, and Tehran provinces
Start Year: 1993
Completion Year: 1993
Funding Organization: Ministry of Health
Execution Sites: Ilam, Zanjan, Markazi, Tehran provinces
8. **Principal Investigator:** Asghar Abadi Far
Collaborators: Mahtab Noori
Project Title: Evaluation of gingival health using the CPI index in Iranian individuals aged 41-49 and 31-11
Start Year: 2002
Completion Year: 2001
Funding Organization: Ministry of Health
Execution Site: Shahid Beheshti Dental School Research Center, National Level Project
9. **Principal Investigator:** Asghar Abadi Far
Collaborators: Saeed Reza Mo'tamedian, Arash Khojasteh
Project Title: The effect of mesenchymal stem cells on palatal bone expansion
Execution Site: Shahid Beheshti Dental School Research Center, Nationwide
10. **Principal Investigator:** Asghar Abadi Far
Collaborators: Mohammad Behnaz, Mohammad Reza Badii
Project Title: The relationship between external root resorption and electric pulp test
Execution Site: Shahid Beheshti Dental School Research Center



Shahid Beheshti University of Medical Sciences

School of Dentistry

Authorships and Books

- Authored and contributed to multiple **textbooks** and reference materials in the field of orthodontics.
 1. **Title:** Useful Information for Orthodontic Patients
Author: Asghar Abadi Far
Publisher: Teimorzadeh
Year of Publication: 2002
 2. **Title:** Thumb Sucking: Concerns and Treatment
Author: Asghar Abadi Far
Publisher: Teimorzadeh
Year of Publication: 2002
 3. **Title:** Research Ranking of Medical Universities and Healthcare Services in the Country
Authors: Asghar Abadi Far and colleagues
Publisher: -
Year of Publication: 2012
 4. **Title:** Collection of Regulations, Guidelines, and Forms for Medical Research Units
Authors: Asghar Abadi Far and colleagues
Publisher: -
Year of Publication: 2012
 5. **Title:** Scientific Jihad in Health Sector, Vol. 1
Authors: Asghar Abadi Far, Raheleh Hasani Zadeh
Publisher: Ramin
Year of Publication: 2015
Note: Compilation
 6. **Title:** Scientific Jihad in Health Sector, Vol. 2
Authors: Mostafa Ghanei, Asghar Abadi Far
Publisher: Ramin
Year of Publication: 2015
Note: Compilation
 7. **Title:** Achievements and Challenges of 21 Years of Medical Research Center Development in the Country
Authors: Asghar Abadi Far and colleagues
Publisher: -
Year of Publication: 2013

Awards and Recognition

- Recipient of several **awards** for selected projects at research **festivals** and national academic forums in Iran.
 1. **First Place in Specialized Research Thesis**
Award: Shahid Ahmad Hedayat Dental Festival
Year: 4339
Title: Investigation of Tissue Response Following the Use of Titanium Screws as Orthodontic Anchorage in Rabbits
Researchers: Masoud Seifi, Asghar Abadi Far



Shahid Beheshti University of Medical Sciences

School of Dentistry

Memberships and Affiliations

- Active member of multiple **scientific societies** and **research councils** within Iran, contributing to the advancement of orthodontic education and practice.
 1. **Executive Director of Administration and Finance**
Research Deputy, Ministry of Health and Medical Education
Year: 1997
 2. **Head of Scientific Development Committee for Sports and Health**
National Level, Iran
Year: 1998 - 2000
 3. **Member of the Research Council**
Shaheed Beheshti Dental Research Center
Year: 2005
 4. **Deputy of Administration and Finance**
Shaheed Beheshti Dental Research Center
Year: 2003 - 2005
 5. **Head of Statistics and Information Department**
Shaheed Beheshti Dental Faculty
Year: 1999 - 2005
 6. **Secretary of Specialized Research Group in Dentistry**
Medical Sciences Research Center
Year: 2004 - 2005
 7. **Member of the Judging Committee**
10th to 13th Razavi Medical Research Festival
Year: 2006 - 2009
 8. **Editorial Board Member**
Hakim Scientific Research Journal
Year: Since 2004
 9. **Executive Secretary**
11th Razavi Medical Research Festival
Year: 2004
 10. **Executive Secretary**
12th Razavi Medical Research Festival
Year: 2004
 11. **Member of the Research Council**
Ministry of Health
Year: 2004 - Present
 12. **Executive Secretary**
13th Razavi Medical Research Festival
Year: 2009
 13. **Consultant and Representative**
Research Deputy, Ministry of Health at National Research Center
Year: 2009 - 2004
 14. **Deputy and Senior Advisor**
Research and Technology Deputy, Ministry of Health
Year: 2014 - Present
 15. **General and Specialized Expert (Orthodontics)**
Medical Council of Iran
Year: 2004 - 1997
 16. **Member of the Technical Committee**
Board of Trustees, Ministry of Health
Year: 2006



Shahid Beheshti University of Medical Sciences

School of Dentistry

17. **Member of the Medical Education Association of Iran**
Year: 2006
18. **Chair of the Working Group on Non-Governmental Research and Technology Funds**
Ministry of Health
Year: 2019
19. **Executive Secretary**
20th to 26th Razavi Medical Research Festival
Year: 2021 - 2014
20. **Head of the Center for Development, Coordination, and Research Evaluation**
Ministry of Health
Year: 2021 - 2014