

Curriculum Vitae

Shabnam Ajami, D.M.D., M.Sc.D

+98-713-6289913 (*Clinic*)
Fax: +98-713-6280108 (*work*)

Email: Dr.ajami.sh @ gmail.com

PERSONAL DATA:

Birth Date: April 12,1979

Place of Birth: Shiraz, Iran

Marital Status: Married

EDUCATION:

19th electronic learning in medical Sciences fellowship, Virtual school, Shiraz University of Medical Sciences, Shiraz Iran. Nov 2018

22nd Medical educational fellowship, educational development center, Shiraz University of Medical Sciences, Shiraz, Iran. Feb 2013

clinical fellowship for cleft lip and palate orthodontic treatments, under supervision of Dr. Pichelmayer. Department of orthodontics and maxillofacial orthopedics of the medical university of Graz, Austria, 2011

Orthodontics and Dentofacial orthopedics, National board certification, Fourth ranked, 2009

Orthodontics (M.Sc.D.), graduated from orthodontics department, Shiraz University of Medical Sciences, 2009

D.M.D., Shiraz Dental school Shiraz University of Medical Sciences, 2004

PROFESSIONAL POSITIONS:

Chief of post graduate program in orthodontic, Orthodontic department, School of dentistry, Shiraz University of medical Sciences, 2019 till now

Vice-chancellor for research, School of dentistry, Shiraz University of Medical Sciences, Shiraz Iran. 2015 -2019

Supervisor of Cleft lip/palate clinic, Orthodontic research center, school of dentistry, Shiraz University of medical sciences, Shiraz, Iran. Since 2011 till now

Vice-Chancellor For Research of Orthodontic department, School of Dentistry, Shiraz University of Medical Sciences 2011 till 2015.

Assistant professor in Orthodontic, Orthodontic department, School of Dentistry, Shiraz University of Medical Sciences 2010 till now.

Member of Orthodontic Research Center, Shiraz University of Medical Sciences, 2010 Till now.

Member of Iranian Orthodontic Society and a committee member of Fars province division of Iranian Orthodontic Society, 2009 to 2011. (The division includes 15 orthodontic members who work in Fars province).

Assistant professor in Orthodontics, Rafsanjan dental school, Rafsanjan University of Medical , 2009 till 2010

Chief resident of Orthodontic department, Shiraz Dental School, Shiraz University of Medical Sciences, 2008 till 2009.

Awards

Selected as the honored teaching attending of the year by Educational development center, Shiraz University of medical sciences, Shiraz, Iran.

Second ranked in Province in Kharazmi Symposium, as the supervisor of a high school student project on an innovative ultrasonic tooth brush. 2014

First Runner-up of Idea to Product Sweden Competition and award winning of 20,000 SEK for creating an new appliance in orthodontic by name of “Orthomark” .Stockholm, Sweden. 2012

Awards of the Hedayat Dental Symposium, as third ranked selected for the postgraduate Thesis, Tehran, Iran, 2009.

Award for the graduation as the honorable dental student of Shiraz Dental School, Shiraz University of Medical Siences, 2004.

Award for the selected dental student of Iran, honored by a grant from the President of Islamic Republic of Iran, Mr. Khatami. Tehran, Iran, 2002.

Scientific publications

Farmani S, Ajami S, Babanouri N. Prevalence of Malocclusion and Occlusal Traits in Children with Autism Spectrum Disorders. *Clin Cosmet Investig Dent*. 2020;12:343-349 <https://doi.org/10.2147/CCIDE.S262679>

Golfeshan, F., Ajami, S., Khalvandi, Y., Mosaddad, S. A., & Nematollahi, H. (2020). The Analysis of the Differences between the Influence of Herbal Mouthwashes and the Chlorhexidine Mouthwash on the Physical Characteristics of Orthodontic Acrylic Resin. *Journal of Biological Research - Bollettino Della Società Italiana Di Biologia Sperimentale*, 93(1). <https://doi.org/10.4081/jbr.2020.8949>

Ajami S, Babanouri N, Afshinpoor R. Photogrammetric Evaluation of Soft Tissue Profile and Frontal Photographs in Repaired Bilateral Cleft Lip and Palate. *Cleft Palate Craniofac J*. 2020;57(5):566-573. doi:10.1177/1055665619883155

ShabnamAjami¹ShoalehShahidi²NilooFarAzadeh¹HeshmatollahNasr Jalali¹MehdiZare¹
Difficulty of palatal impacted canine treatment in different sagittal and vertical skeletal malocclusions: A retrospective 3D , *International orthodontic*, 2020, 18 (1)

Babanouri, N., Ajami, S. & Salehi, P. Effect of mini-screw-facilitated micro-osteoperforation on the rate of orthodontic tooth movement: a single-center, split-mouth, randomized, controlled trial. *Prog Orthod*. **21**, 7 (2020). <https://doi.org/10.1186/s40510-020-00306-8>

Ajami S, Morovvat A, Khademi B, Jafarpour D, Babanouri N. Dentoskeletal effects of class II malocclusion treatment with the modified Twin Block appliance. *J Clin Exp Dent*. 2019;11(12):e1093-e1098. Published 2019 Dec 1. doi:10.4317/jced.56241

Pakshir F, Ajami S, Pakshir HR, Malekzadeh AR. Characteristics of Palatal Rugae Patterns as a Potential Tool for Sex Discrimination in a Sample of Iranian Children. *J Dent (Shiraz)*. 2019;20(1):1-9. doi:10.30476/DENTJODS.2019.44556

Zeraatkar M, Ajami S, Nadjmi N, Faghihi SA, Golkari A. A qualitative study of children's quality of life in the context of living with cleft lip and palate. *Pediatric Health Med Ther.* 2019;10:13-20. Published 2019 Jan 18. doi:10.2147/PHMT.S173070

Ajami S, Fattahi H, Zare M, Jenabi P. Bolton discrepancy in an Iranian population and its relation with maxillary lateral incisors' size. *Electron Physician.* 2018;10(3):6454-6461. Published 2018 Mar 25. doi:10.19082/6454

Momeni danaei Sh, Ajami Sh, Etemadi H, Azadeh N. Assessment of the effect of maxillary protraction appliance on pharyngeal airway dimensions in relation to changes in tongue position. *Dental Research Journal.* 2018;15(3):208-212

Ajami S, Toraby F, Shavakhi M, Eslami N. Impact of Type D personality on Oral Health-related Quality of life in cleft lip and palate Adolescents. *Journal of Craniofacial surgery.* 2018; 29 (2), 289-292.

Zeraatkar M, Ajami S, Nadjmi N, Golkari A. Impact of oral Clefts on the oral-health related quality of life of preschool children and their parents. *Nigerian Journal of clinical practice.* 2018;21(9) 1158-1163

Ajami S, Broujeni AR. Impact of different rectangular wires on torsional expression of different sizes of buccal Tube. *Journal of clinical and experimental Dentistry.* 2018;10 (1):e 25

Pakshir F, Ajami S, Pakshir H, Malekzadeh A. Characteristics of palatal rugae patterns as a potential tool for sex discrimination in sample of Iranian children. *Journal of Dentistry, Shiraz University of Medical Sciences.* 2018

Malekzadeh AR, Pakshir HR, Ajami S, Pakshir F. The Application of Palatal Rugae for Sex Discrimination in Forensic Medicine in a Selected Iranian Population. *Iran J Med Sci.* 2018;43(6):612-622.

Nozari A, Ajami S, Rafiei A, Niazi E. Impact of Nano Hydroxyapatite, Nano Silver Fluoride and Sodium Fluoride Varnish on Primary Teeth Enamel Remineralization: An In Vitro Study. *J Clin Diagn Res.* 2017;11(9):ZC97-ZC100.

Ajami S, Pakshir H, Samady H. Prevalence and Characteristics of Developmental Dental Anomalies in Iranian Orofacial Cleft Patients. *J Dent (Shiraz).* 2017;18(3):193-200.

Ajami S, Farjood A, Zare M. Synergic effect of salivary pH baselines and low pH intakes on the force relaxation of orthodontic latex elastics. *Dent Res J (Isfahan)*. 2017;14(1):68-72.

Ajami S, Javidi A, Salehi P, Malekpour B. PROPORTIONAL AND ANGULAR PHOTOGRAMMETRIC ANALYSIS OF THE SOFT TISSUE FACIAL FRONTAL VIEW OF YOUNG ADULTS IN SHIRAZ, IRAN. 2017; 6(2),22-29.

Ajami S, Mina A, Nabavizadeh SA. Stress distributions of a bracket type orthodontic miniscrew and the surrounding bone under moment loadings: Three-dimensional finite element analysis. *J Orthod Sciences*, 2016 Apr-Jun; 5(2): 64–69.

Ajami, S., Pakshir, H.R. & Babanouri, N. Impact of nanohydroxyapatite on enamel surface roughness and color change after orthodontic debonding *Prog Orthod.* (2016) 17: 11.

Ajami S, Zarif Najafi H, Mahdavi S. Angular Photogrammetric Analysis of the Soft Tissue Facial Profile of Iranian Young Adults, *Iran J Ortho.* 2015 ; 10(2):e4981.

Fattahi HR, Ajami Sh, Nabavizadeh A. The effects of different miniscrew thread designs and force directions on stress distribution by 3-dimensional finite element analysis. *Journal of Dent.(Shiraz)*, 2015 Dec; 16(4): 341–348.

Pakshir HR, Ajami SH. A Comparative study of the effect of two different enamel preparation and light curing methods on the microleakage under orthodontic brackets. *Journal of Dent. (Tehran)* ,2015 Jun; 12(6): 436–446..

Ajami Sh, Oshagh M, Torabinejad F, Behroozi Z. Comparison of mechanical properties between three different T-loop. *J Dent Biomater* 2015; 2(2):61-65

Ajami sh, Oshagh M, Esnaashari N. Impact of bimaxillary position on esthetic preferences among health professionals and lay persons. *GMJ* 2014;3(2):81-89

Arabium HR, Mirzaye M, Dehghani-Nazhvani A, Ajami Sh, Faridi S, Bahrpeima F. The prevalence of malocclusion among 14-18 years old student in Shiraz. *J Oral Health Oral Epidemiol* 2014; 3 (1): 8-11

Oshagh M, Ajami Sh, Shaghaghi Shirazi T. Assessment of the anchorage effect of transpalatal arch in tooth extraction treatment. Sadra Med Sci J 2013; 1(3):175-188

Oshagh M., Ajami Sh. A comparison of force decay. Elastic chain or Tie-back. World journal of Orthodontic. .2010; 11:45-51

Pakshir HR, Ajami Sh. Comparison of Microleakage beneath orthodontic brackets using two different methods of enamel preparation. Shiraz University of Medical Sciences Journal of Dentistry. Winter 2010; 10:1-8

Torabi K, Ajami Sh .Comparison of two types of ceromer molar crowns on their fracture resistance :An in-vitro study. Journal of Indian Prosthodontic Society. 2008; 8(4): 200-205

BOOKS

Cleft lip and palate ; a guideline for caregivers. Shabnam Ajami, Mojgan Shavakhi; first edition, Shayan Nemoudar publication, March 2019.

Seminars and Congress presentation:

Lecturer and conductor of the workshop in the 1st summer dental school With title” Smile analysis”. School of Dentistry. Shiraz University of Medical Sciences, Shiraz ,Iran.2015

Ajami Sh. Orthopedic treatments for lip/palate cleft patient; costs and benefits. 11th international congress of Iraninan association of orthodontists. Oct 2013 (Oral presentation)

Lecturer of the workshop” How to use Onyx-Ceph ; an orthodontic assistant software” with support of Shiraz orthodontic research center, School of dentistry, Shiraz University of Medical. Shiraz, Iran. Jun 2013.

Ajami Sh. Saliminasab M, Mina A. Monitoring the location of interdental miniscrews by the positioning guides. 11th international congress of Iranian association of orthodontists. Oct 2013 (Poster presentation)

Early Intervention for Children With Cleft Palate, 1st early intervention seminar for parents with cleft palate children. School of dentistry, Shiraz University of Medical Sciences, Shiraz, Iran. Feb 2012

Ajami Sh. TPA: A multi-potential anchorage devise. 9th international congress of Iranian association of orthodontists. May 2011 (Oral presentation)

Ajami Sh, Naseri N. Different orthodontic treatment aspects for absence of maxillary lateral incisor. 2nd National Congress of Iranian Dental Association-Fars division. Nov 2010 (poster presentation)

4 times Lecturer of after graduation seasonal workshops on “Orthodontic principles” for Dentists of Shiraz, Held by Iranian Dental Association, Shiraz, Iran. 2010.

Grants Received

Grant number (4432) for research project entitled: Comparison of differences in facial attractiveness ranking in different malocclusions based on gender and age of the referees

Grant number (4456) for research project entitled :Comparison of load deflection rate between three different types of Tloop

Grant number (6549) for research project entitled : Effect of the transpalatal arch on maxillary first molar teeth movements during extraction treatment: lateral cephalometry and study model analysis

Grant number (5282) for research project entitled: Determining acceptable limit and ideal bimaxillary anteroposterior position in profile view among

laypeople, general dentists, orthodontists, orofacial surgeons and plastic surgeons

Grant number (7711) for research project entitled: Synergic effect of salivary PH baselines and low PH intakes on the force relaxation of orthodontic elastic

Grant number (6143) for research project entitles: Prevalence of Bolton tooth-size discrepancy among orthodontic patients -1391 and evaluation of the effect of lateral incisors on this ratio.

Grant number (8272) for research project entitled: Effect of torque forces on stress distribution in miniscrews and alveolar bone: a finite element study.

Grant number (2321) for research project entitled: Prevalence and characteristics of developmental dental anomalies in patients with orofacial clefts in center and southwest of Iran

Grant number (3468) for research project entitled: Angular photogrammetric analysis of the soft tissue facial profile in 16-30 y/o patients who attended the orthodontic clinic of Shiraz School of Dentistry

Grant number (5798)for research project entitled : Proportional and angular photogrammetric analysis of the soft tissue facial frontal in 16-30 y/o patients who attended to the orthodontic clinic of shiraz school of dentistry 2013-2014.

Post- and under-Graduate student Thesis Supervision:

Prevalence and characteristics of developmental dental anomalies in patients with orofacial clefts in center and southwest of Iran. Samady H(undergraduate student).2015: Primary supervisor

Effect of torque forces on stress distribution in miniscrews and alveolar bone: a finite element study. Mina A (Undergraduate student).2015: Primary supervisor

Angular photogrammetric analysis of the soft tissue facial profile in 16-30 y/o patients who attended the orthodontic clinic of Shiraz School of Dentistry. Mahdavi S(Undergraduate student).2014: Primary supervisor

Proportional and angular photogrammetric analysis of the soft tissue facial frontal in 16-30 y/o patients who attended to the orthodontic clinic of shiraz school of dentistry 2013-2014.Javidi A : primary supervisor

Analysis of smile in different sagittal malocclusion adult patient before and after orthodontic treatment. Abbasi S(undergraduate student).2014: Advisor

Prevalence of Bolton tooth-size discrepancy among orthodontic patients - 1391 and evaluation of the effect of lateral incisors on this ratio. Zare M-Jenabee P (Undergraduate students).2014 : Primary supervisor

Synergic effect of salivary PH baselines and low PH intakes on the force relaxation of orthodontic elastic. Zare M (Undergraduate student).2014: Primary supervisor

The effects of different miniscrew thread designs and force directions on stress distribution by 3-dimensional finite element analysis.Nabavizadeh A (post graduate student). 2014: Advisor

Determining acceptable limit and ideal bimaxillary anteroposterior position in profile view among laypeople, general dentists, orthodontists, orofacial surgeons and plastic surgeons. Esnaashari N. (Undergraduate student).2013: Primary supervisor

Effect of the transpalatal arch on maxillary first molar teeth movements during extraction treatment: lateral cephalometry and study model analysis. Shaghghi Shirazi T. (Undergraduate student). 2013: Secondary supervisor

The effect of computerized treatment simulation on perception and motivation of orthodontic patients with moderate to sever sagittal maolclussions . Alborzi M.(undergraduate student).2012: Primary supervisor

Administrative activities:

An executive committee member of the 3 day workshop “ New technique in surgery of cleft lip and palate patient” under guidance of Prof. Brian Sommerland, Orthodontic research center, Shiraz University of Medical Sciences, Shiraz Iran. Oct 2013

An executive committee member of the 11th international congress of Iranian association of orthodontists. Oct 2013

An executive committee member of the 4 day workshop” New timetable and techniques for cleft lip and palate management” under guidance of Prof. Nasser Nadjmi, Orthodontic research center, Shiraz University of medical Sciences, Shiraz Iran. Apr 2014

An Executive committee member of the 5 day workshop “ Cleft lip and palate patient team work management” under guidance of Prof. Nasser Nadjmi, Orthodontic research Center, Shiraz University of Medical Sciences, Shiraz Iran, Aug 2015

Reviewer:

Reviewer of the journal of dentistry , School of dentistry, Shiraz University of Medical Sciences, Shiraz, Iran. 2011 till now (four articles)

Reviewer of the proposals of the project in Orthodontic research center, Shiraz University of Medical Sciences, Shiraz, Iran. 2010 Till now (12 proposals)

Reviewer of the undergraduate and post graduate students thesis as the Vice-Chancellor For Research of Orthodontic department, Shiraz University of medical Sciences, Shiraz, Iran. 2011 till now (20 thesis).

WORKSHOPS:

“Research Writing and Publication” held by Karen Shashok, Editorial consultant, Coordinator of Author Aid in the Eastern Mediterranean,

conducted by Orthodontic Research Center, in collaboration with the International Affairs, Shiraz, Iran, 2011

“ Training for Website Design” held by Vice-Chancellor For Research, Shiraz University of Medical Sciences, Shiraz, Iran, 2010.

“Micro (screw) Implant anchorage course”. A one day hands on course conducted by Dr. Mani Prakash, held by Iranian association of Orthodontics, Tehran, Iran, 2006.

“Basic Life Support” anesthesiology department, Shiraz University of Medical Sciences, 2005.

OTHER ACTIVITIES:

Bronze Medalist In the Fifth National Student Olympics (member of Badminton team), 2008.

General Population Education Programs:

A lecturer of public workshop on Oral Health for more than 2000 citizens of Shiraz, Iran, 2008