

## **Professor. Dr Abdolreza Jamilian**

Professor; Department of orthodontics, Dental School, Craniomaxillofacial Research Centre, Tehran Medical Sciences, Islamic Azad University, Tehran, Iran

**Dr. Abdolreza Jamilian** is an Iranian orthodontist and a USPTO patent holder for devices including a method and system for treatment of maxillary deficiency using miniscrews, a tongue plat, and an R-appliance. Dr. Abdolreza Jamilian was born in Arak in 1965. He received his doctor of dental surgery degree (D.D.S.) from Shahid Beheshti University of medical sciences in 1991 and orthodontics degree in 1998. He also received his fellowship of orthognathic surgery and craniofacial syndromes from the same university in 2011.

Dr. Jamilian is a member of the Iranian and European Board of Orthodontics, and known for his innovations in designing therapeutic modalities for class III malocclusion patients.

Professor Abdolreza Jamilian is a specialist in the field of Orthodontics. He received his D.D.S (1991), MSc in Orthodontics (1998), and Fellowship of Orthognathic Surgery & Craniofacial Syndroms (2011) from the Shahid Beheshti University in Tehran, Iran. He obtained his European Board of Orthodontics in 2013. Now he is a professor at Islamic Azad University in Tehran. His practice is limited to orthodontics. He has lectured in several international congresses and has been a consultant for various journals. He has published over 100 original, peer-reviewed research and review articles, 5 book chapters, and more than 300 scientific communications. He holds 3 patents in the United States Patent and Trademark Office as follows:

\*USPTO: Jamilian A, Showkatbakhsh A, Method and System for Treatment of Maxillary Deficiency Using Miniscrews. US 8,414, 291 B 1. Apr 9, 2013.

\*USPTO: Showkatbakhsh A, Jamilian A, Tongue Plate, USD742525 S1, Nov 3, 2015

\*USPTO: Showkatbakhsh A, Jamilian A, R-Appliance, USD777929 S, Jan 31, 2017

### **Professional Affiliations Member of:**

- European Orthodontic Society (EOS)
- World Federation of Orthodontists (WFO)
- American Association of Orthodontists (AAO)
- Iranian Association of Orthodontists (IAO)
- European Board of Orthodontics (EBO)

### **Research Interest:**

- Class 3 malocclusion
- Cleft lip and palate
- Orthognathic surgery.

### **Memberships:**

- World Federation of Orthodontists
- America Association of Orthodontists
- European Orthodontic Society
- Iranian Association of Orthodontists

## Awards and Honors

- Distinguished Researcher Award, Islamic Azad University, 2008
- Distinguished Researcher Award, Islamic Azad University, 2011
- Distinguished Researcher Award, Islamic Azad University, 2013

## Reviewer:

- American Journal of Orthodontics and Dentofacial Orthopedics
- European Journal of Orthodontics
- Angle orthodontist
- Journal of Oral Health and Dental Management
- British Journal of Medicine and Medical Research
- (Multidisciplinary Digital Publishing Institute)
- MDPI Journals
- Progress in orthodontics
- BMC Oral Health
- Asian Journal of Dental Sciences
- Indian Journal of Dental Research
- European Journal of Dentistry
- Turkish Journal of Orthodontics

## Publication:

- 1- Jamilian A, Showkatbakhsh R, Boushehry M. The effect of tongue appliance on the nasomaxillary complex in growing cleft lip and palate patients. *J Indian soc pedod prev dent* Sep 2006; 24(3): 136-139
- 2- Emami Meibodi Sh, Jamilian A, Showkatbakhsh R. The effect of anterior inclined plane treatment on the dentoskeletal of Class II division I patients. *J Indian soc pedod prev dent* Jul-Sep 2007; 25 (3): 130-132
- 3- Jamilian A, Nayeri F, Babayan A: Incidence cleft lip and palate in Tehran. *J Indian soc pedod prev dent* Oct-Dec 2007; 25(4): 174-176
- 4- Jamilian A, Gholami D, Toliat M, Safaeian SH. Changes in facial profile during orthodontic treatment with extraction of four premolars . *Orthodontic waves* 67 (2008) 157 –161
- 5- Jamilian A, Ghasemi M, Gholami D, Kaveh B. Clinical effects of 2% chlorhexidine gel on patients undergoing orthodontic treatment . *Orthodontic waves* 67 (2008) 162 –166
- 6- Showkatbakhsh R, Jamilian A, Eslamian L. Treatment effects of R-appliance and Bionator in Class II division 1 malocclusion. *Iranian Journal of Orthodontics*. Volume3, Issue1, December2008, Pages 52-58  
<http://dx.doi.org/10.22034/ijo.2008.248355>
- 7- Jamilian A, Showkatbakhsh R, Gholami D, Kamali Z. The relation between pogonion advancement and posterior maxillary impaction. *Journal of craniofacial surgery* 2009; 20: 841- 843
- 8- Jamilian A, Showkatbakhsh R, Kamali Z .R-Appliance: A different design in functional therapy in CI II Div I malocclusion. *International journal of orthodontics* 2009; 20(2): 11-15
- 9- Jamilian A, Showkatbakhsh R. The Effect of Tongue Appliance on the Maxilla in Class III Malocclusion due to Maxillary Deficiency. *International journal of orthodontics* 2009; 20(3): 11-15
- 10- Jamilian A, Showkatbakhsh R .Treatment of maxillary deficiency by miniscrew implants – a case report. *J Orthod*, 2010 Mar; 37(1):56-61.doi: 10.1179/14653121042876
- 11- Showkatbakhsh R, Jamilian A. A novel approach in treatment of maxillary deficiency by reverse chin cup. *International journal of orthodontics*2010; 21(2): 27-31
- 12- Showkatbakhsh R, Jamilian A. Opening or closing space for replacing upper incisors. Two case reports. *Rev Esp Ortod*. 2010; 40(3): 181-5

- 13- Jamilian A, Showkatbakhsh R. Non-surgical treatment of mandibular deviation: a case report. *Australian Orthodontic Journal*. 2010; 26(2): 201-205
- 14- Showkatbakhsh R, Jamilian A, Showkatbakhsh M. The effect of Pulsed Electromagnetic Field on tooth movement acceleration. *World journal of orthodontics*. 2010; 11(4); e52-56
- 15- Jamilian A, Toliat M, Etehad S. Prevalence of malocclusion and index of orthodontic treatment need in children in Tehran. *Oral Health Prev Dent*. 2010; 8(4): 339-43
- 16- Jamilian A, Showkatbakhsh R, Amiri SS. Treatment effects of the R-appliance and twin block in Class II division 1 malocclusion. *Eur J Orthod*. 2011 Aug; 33(4):354-8.
- 17- Jamilian A, Saghiri AM, Sheibaniniya A, Kamali Z, Mousavi K. Tensile Strength of Orthodontic Elastomeric Chains- In vitro. *Orthodontic CYBER Journal*. January, 2011
- 18- Ghassemi M; Jamilian A; Fritz U; Riediger D; Ghassemi A: Orthodontic treatment after autotransplantation. *Angle Orthod*. 2011 Jul; 81(4):721-5
- 19- Showkatbakhsh R, Jamilian A. A Novel Method of Maxillary Deficiency Treatment by tongue plate – a case report. *International journal of orthodontics* 2011; 22(1): 31-34
- 20- Jamilian A, Nasoohi N, Sheibanini A, Kamali Z, Hakimi Meibodi M . Tensile Strength of Orthodontic Elastomeric Ligatures – In Vitro Ortho Update, 2 April, 2011-Volume 4, Issue 2: 53–55, Online: 18 Jul 2017 <https://doi.org/10.12968/ortu.2011.4.2.53>
- 21- Jamilian, A, Saghiri A, Ghassemi M, Ghasemian A, Borna N, Kamali Z. The effects of two mouth rinses on shear bond strength of orthodontic brackets - An In-vitro study. *Virtual Journal of Orthodontics* June, 2011: <http://www.vjo.it/>
- 22- Showkatbakhsh R, Jamilian A, Pourdanesh F, Ghorbani A, Behnaz M. Hyrax Application as a Tooth-Borne Distractor for Maxillary Advancement. *Journal of Craniofacial Surgery* 2011; 22(4)
- 23- Moshref M, Jamilian A, Lotfi A, Showkatbakhsh R. Oral Squamous Cell Carcinoma Associated with a Dental Implant – a case report and literature review. *J Clin Exp Dent*. 2011; 3(2): e166-8
- 24- Showkatbakhsh R, Jamilian A. Treatment of Class III patient: a case report. *Australian Orthodontic Journal*. 2011; 27(1): 69-74
- 25- Jamilian A, Haraji A, Showkatbakhsh R, Valaee N. The Effects of Miniscrew with Class III Traction in Growing Patients with Maxillary Deficiency. *International Journal of Orthodontics* 2011; 22(1), 25–30
- 26- Showkatbakhsh R, Jamilian A, Behnaz M . Treatment of Maxillary Deficiency by Miniplates: A Case Report. *ISRN Surgery*; 2011:854924. doi: 10.5402/2011/854924
- 27- Showkatbakhsh R, Meybodi SE, Jamilian A, Meybodi SA, Meybodi EM. Treatment effects of R-appliance and Anterior Inclined Bite Plate in Class II, Division I malocclusion. *J Appl Oral Sci*. 2011 Dec; 19(6): 634-8.
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- 29- Showkatbakhsh R, Jamilian A, Ghassemi M, Ghassemi A, Taban T, Imani Z. The effects of facemask and reverse chin cup on maxillary deficient patients. *Journal of Orthodontics*. 2012; 39, 95–101
- 30- Pourdanesh F, Sharifi R, Mohebbi A, Jamilian A, Effects of maxillary advancement and impaction on nasal airway function. *Int J Oral Maxillofac Surg*. 2012 Nov; 41(11):1350-2
- 31- Jamilian A, Showkatbakhsh R, Tehrani A, A Novel Approach for Treatment of Mandibular Deficiency with Vertical Growth Pattern. *Int J Orthod Milwaukee*. 2012 summer; 23(2):23-7
- 32- Pourdanesh F, Sayyedi A, Jamilian A, Yaghmaei M, Application of self-recorded photos using mobile phones in maxillofacial surgery . *Journal of mobile technology in medicine*. 2012 1:3:46-49
- 33- Showkatbakhsh R, Jamilian A. The necessity to establish surgical orthodontic fellowship program for orthodontists. *Prog Orthod*. 2012 Nov; 13(3):260-5. doi: 10.1016/j.pio.2012.02.002. Epub 2012 May 8.
- 34- Showkatbakhsh R, Jamilian A, Taban T, Golrokh M. The effects of Face mask and Tongue Appliance on Maxillary Deficiency in growing patients: A randomized clinical trial. *Prog Orthod*. 2012 Nov; 13(3):266-72. doi: 10.1016/j.pio.2011.12.004. Epub 2012 Apr 9.

- 35- Showkatbakhsh R, Jamilian A, Mashayekhi Z, A Novel Approach in Treatment of Open bite: A case report. *Int J Orthod Milwaukee*. 2013. Spring; 24(1):29-32
- 36- Showkatbakhsh R, Castaldo M.I, Jamilian A, Padricelli G, Fahimi Hanzayi M, Cappabianca S, Perillo L. Treatment effects of R-Appliance and fränkel-2 in class II division 1 malocclusions. *European journal of paediatric dentistry*. 2013 Mar; 14(1):17-22.
- 37- Showkatbakhsh R, Toumarian L, Jamilian A, Sheibaninia A, Mirkarimi M, Taban T. The effects of face mask and tongue plate on maxillary deficiency in growing patients: a randomized clinical trial. *J Orthod*. 2013 Jun; 40(2):130-6.
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- 46- Ghassemi M, Jamilian A, Becker JR, Modabber A, Fritz U, Ghassemi A. Soft-tissue changes associated with different surgical procedures for treating class III patients. *J Orofac Orthop*. 2014 Jul; 75(4):299-307. Epub 2014 Jul 6
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- 48- Peyvandi AA, Jamilian A, Moradi E. Relationship between conductive hearing loss and maxillary constriction. *J Laryngol Otol*. 2014 Aug 15:1-3.
- 49- Jamilian A, ShowkatbakhshR, Borna N, Perillo L. The Effects of Maxillary Protrusion on Pharyngeal Airway Dimensions. *J Dent Probl Solut* .2014, 1(1): 101.
- 50- Jamilian A, Moghaddas O, Toopchi SH, Perillo L, Comparison of Nickel and Chromium Ions Released from Stainless Steel and NiTi Wires after Immersion in Oral B®, Orthokin® and Artificial Salvia. *The Journal of Contemporary Dental Practice*, July-August 2014; 15 (4):00-00
- 51- Jamilian A, Jamilian M, Darnahal A, Hamedi R, Mollaei M, Toopchi Sh. Hypodontia and supernumerary and impacted teeth in children with various types of clefts. *Am J Orthod Dentofacial Orthop* 2014; Feb; 147(2):221-5.
- 52- Jamilian ,Darnahal A, Damani E, Talaeipoor M, Kamali Z, Prevalence of orthodontic treatment need and Occlusal Traits in Schoolchildren . *International Scholarly Research Notices*. Volume 2014, Article ID 349793, 5 page <http://dx.doi.org/10.1155/2014/349793>

- 53- Hamidreza Jamilian , Mehri Jamilian, Alireza Darnahal , Abdolreza Jamilian, Letizia Perillo. A psychological study of people who seek orthodontic treatment: Comparison with untreated controls. *APOS Trends in Orthodontics*, January 2015, Vol 5, Issue 1
- 54- Jamilian A, Perillo L, Rosa M .Missing upper incisors: a retrospective study of orthodontic space closure versus implant. *Progress in Orthodontics* (2015) 16:2 DOI 10.1186/s40510-015- 0072-2
- 55- Showkatbakhsh R, Jamilian A ,Alipanahi M, Perillo L. Treatment Effects of R-Appliance in Vertical Growing Patients-Case Series. *Stoma Edu*. 2014:1(2)
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- 57- Giugliano D, Apuzzo F, Jamilian A, Perillo L. Relationship between Malocclusion and Oral Habits. Davide Giugliano et al. *Current Research in Dentistry* 2014, 5 (2): 17.21
- 58- Yassaei S, Jamilian A, Joshan N. Effects of Twin-Block and Faramand-LL appliances on soft tissue profile in the treatment of Class II division 1 malocclusion. *Int J Orthod Milwaukee*. 2014, Winter; 25(4): 57-62.
- 59- Grassia V, d'Apuzzo F, DiStasio D, Jamilian A, Lucchese A, Perillo L. Upper and lower arch changes after Mixed Palatal Expansion protocol. *Eur J Paediatr Dent*. 2014 Dec; 15(4):375-80.
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- 62- Jamilian A, Showkatbakhsh R, Darnahal A, Baniasad N, Kamali Z. Prevalence of Dental Anomalies in Children with Different Types of Cleft. *Dent. Med. Probl*. 2015, 52, 2, 192–196
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- 64-Ghassemi M, Hilgers RD, Jamilian A, Shokatbakhsh A, Hölzle F, Fritz U, Ghassemi A. Effect of maxillary advancement on the change in the soft tissues after treatment of patients with class III malocclusion. *Br J Oral Maxillofac Surg*. 2015 Oct; 53(8):754-9. doi: 10.1016/j.bjoms.2015.06.001. Epub 2015 Jun 26.
- 65- Srivastava D, Ghassemi A, Ghassemi M, Showkatbakhsh R, Jamilian A. Use of anterior maxillary distraction osteogenesis in two cleft lip and palate patients. *National Journal of Maxillofacial Surgery*, 6, 1 Jan-Jun 2015 80-83
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- 67- Pakshir H;Mokhtar A; Darnahal A;Kamali Z; Jamilian A. Treatment Effects of Farmand Appliance in Class II Division 1 Malocclusion. *Journal of Research in Dental & Maxillofacial Sciences*, 1, 1, 2016 22-27
- 68- Maghsoudi Nejad A, Jamilian A, Emami Meibodi SH, Hafezi L, Khosravi S, Cappabianca S, Perillo L. Reliability of panoramic radiographs for determination of Gonial and Frankfurt Mandibular Horizontal Angles in different skeletal patterns. *STOMA. EDUJ* (2016), 3 (1), 18- 22
- 69- Jamilian A, Darnahal A, Hamedi R, Kamali Z, Toopchi S, Photogrammetric analysis of facial profile in Persian adults . *Gen Dent*. 2016 Mar-Apr; 64(2):52-5.
- 70- Azizi A, Jamilian A, Nucci F, Kamali Z, Hosseinikhoo N, Perillo L. Release of metal ions from round and rectangular NiTi wires. *Prog Orthod*. 2016; 17:10. doi: 10.1186/s40510-016-0123-3. Epub 2016 Apr 4. PMID: 27004805

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- 72- Jamilian A, Lucchese A, Darnahal A, Kamali Z, Perillo L .Cleft sidedness and congenitally missing teeth in patients with cleft lip and palate patients.Prog Orthod. 2016; 17:14. doi: 10.1186/s40510-016-0127-z. Epub 2016 May
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- 79-Faber J, Morum T, Jamilian A, Eslami S, Leal S, Infection predictive factors with orthodontic anchorage miniplates., Seminars Seminars in Orthodontics, Vol 24, No 1, 2018: pp 37– 44
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- 84- Cozzani M, Azizi A, Eslami S, Darnahal A, Pirhadirad A, Jamilian A. 3-dimensional finite element analysis of the outcomes of Alexander, Gianelly, Roth and MBT bracket prescription. Int Orthod. 2019 Mar; 17(1):45-52. doi: 10.1016/j.ortho.2019.01.010. Epub 2019 Feb 14.
- 85- Cozzani M, Sadri D, Nucci L, Jamilian P, Pirhadirad AP, Jamilian A.The effect of Alexander, Gianelly, Roth, and MBT bracket systems on anterior retraction: a 3-dimensional finite element study. Clin Oral Investig. 2020 Mar; 24(3):1351-1357. doi: 10.1007/s00784-019- 03016-6. Epub 2019 Jul 28.PMID: 31352519
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- 90- Nazari MS, Tallaeipour AR, Nucci L, Karamifar AA, Jamilian A, Evaluation of bone mineral density using cone beam computed tomography. *Stoma Edu J.* 2019; 6(4): 241-247
- 91- Apuzzo F, Nucci L, Jamilian A, Rullo R, Grassia V, Perillo L. Evaluation of upper arch changes in patients with unilateral cleft lip and palate after maxillary expansion using digital dental casts. [https://doi.org/10.25241/stomaeduj.2020.7\(3\).art.4](https://doi.org/10.25241/stomaeduj.2020.7(3).art.4)
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- 94- Kiaee B, Hafezi L, Karani Amiri F, Jamilian A, Maxillary Sinus Volume in Cleft Lip and Palate Patients with and without an Oronasal Fistula Using CBCT. *Stoma Edu J.* 2021; 8(3)
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- 98- Kolahi Aval1 F, Moghaddasi N, Azimi T, Nematollahi Z, Jamilian A. Effect of Removeable Orthodontic Appliance on Oral PH, Candida Albicans, Candida Dubliniensis, and Streptococcus Mutans Count. *EAS Journal of Dentistry and Oral Medicine; Vol-4, Iss-1 (Jan-Feb, 2022)*  
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- 99- Talaeipour AR, Kiaee B, Ghasemi Sh, Mirzaei A, Amiri F, Jamilian A, Darnahal A, Jamilian. Effects of cleft lip and palate on temporomandibular joint components: a cbct study. *Stoma Edu J.* 2022; 9(1)
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