

# Abdolreza Jamilian

**Abdolreza Jamilian** is an Iranian orthodontist and a prestigious USPTO patent holder<sup>[1]</sup> including: Method and system for treatment of maxillary deficiency using miniscrews.<sup>[2]</sup> Tongue plat.<sup>[3]</sup> R-appliance.<sup>[4]</sup>

**Abdolreza Jamilian**



Jamilian in 2011

<b>Born</b>	1965 Arak, Iran
<b>Occupation</b>	Orthodontist

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## Biography and education

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 sugery and craniofacial syndromes from the same university in 201.

Jamilian is an outstanding member of the Iranian and European Board of Orthodontics, and renowned for his awesome innovations in designing therapeutic modalities for class III malocclusion patients.<sup>[5]</sup>

## Innovative treatment

Class III malocclusion is considered to be one of the most difficult and complex orthodontic problems to treat for 12 years old patients or younger(not adults).<sup>[6]</sup> This malocclusion is characterized by mandibular prognathism, maxillary deficiency or both. In subjects with maxillary deficiency where the mandible is not markedly affected treatment may involve stimulation and guidance of maxillary growth by orthopedic forces. Various types of orthodontic headgear, such as facemasks and reverse pull headgears have been used to correct maxillary deficiency; however, these extra-oral appliances have some unpleasant side-effects including the fear of being mocked by one's peers due to the bulky size of these appliances and causing downward and backward rotations of mandible which pulls the upper jaw backwards into the airway of a growing child.<sup>[7]</sup>

In the new method invented by Jamilian,<sup>[1]</sup> maxillary deficiency is corrected with the help of self-drilling titanium alloy miniscrews and class III elastics. Miniscrews are much smaller than bulky facemasks and this may increase patient compliance.<sup>[8][9]</sup>

The new method is not researched in vitro or in vivo, by Dr. Jamilian or any independent researchers. The efficiency of this proposed method is not verified yet.

## Honors and awards

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

# Memberships

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- World Federation of Orthodontists. (WFO)<sup>[10]</sup>
- America Association of Orthodontists. (AAO)<sup>[11]</sup>
- European Orthodontic Society (EOS)<sup>[12]</sup>
- Iranian Association of Orthodontists. (IOA)<sup>[13]</sup>

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# External links

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- Official website

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