

## Mandibular Advancement

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### Recent Publications on Mandibular Advancement:



- [The effect of a mandibular advancement splint on electromyographic activity of the submental and masseter muscles in patients with obstructive sleep apnea.](#)  
*Purpose: The effectiveness of an appliance for the treatment of...*18th November, 2009  
- Int J Prosthodont. 2009 Nov-Dec;22(6):586-93.
- [Malocclusions resulting from loss of fixation after sagittal split ramus osteotomies.](#)  
*Abstract Introduction: To test the hypothesis that mandibular advancement...*5th November, 2009  
University of Texas Southwestern Medical Center, Dallas, TX 75390-9109,- J Oral Maxillofac Surg. 2009 Nov;67(11):2528-33. ([DOI Direct Link](#))
- [Skeletal stability and complications of bilateral sagittal split osteotomies and mandibular distraction osteogenesis: an evidence-based review.](#)  
*PURPOSE: To provide an evidence-based review comparing the skeletal...*5th November, 2009  
Discipline of Oral and Maxillofacial Surgery, Faculty of Dentistry,- J Oral Maxillofac Surg. 2009 Nov;67(11):2344-53. ([DOI Direct Link](#))
- [New single-arch sleep appliance therapy.](#)  
*Abstract Introduction: To test the hypothesis that mandibular advancement...*3rd November, 2009  
Center for Snoring and Continuous Positive Airway Pressure (CPAP)- Dent Today. 2009 Oct;28(10):136, 138-9.
- [Bilateral sagittal split osteotomies and mandibular distraction osteogenesis: a randomized controlled trial comparing skeletal stability.](#)  
*OBJECTIVE: To conduct a randomized controlled trial comparing the skeletal...*31st October, 2009  
Senior Resident, Oral and Maxillofacial Surgery, Prince Philip Dental- Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Oct 27. ([DOI Direct Link](#))
- [Diagnosis, treatment planning, and surgical correction of obstructive sleep apnea.](#)  
*The aim of this report is to present the scientific rationale for...*30th October, 2009  
Department of Oral and Maxillofacial Sciences, Dalhousie University,- J Oral Maxillofac Surg. 2009 Oct;67(10):2183-96. ([DOI Direct Link](#))
- [Five years of sleep apnea treatment with a mandibular advancement device.](#)  
*Abstract Objective: To determine the variation in prevalence of...*27th October, 2009  
a Associate Professor, Department of Prosthodontics, Faculty of Dentistry,- Angle Orthod. 2010 Jan;80(1):30-6. ([DOI Direct Link](#))
- [Effects of Mandibular Advancement plus Prohibition of Lower Incisor Movement on Mandibular Growth in Rats.](#)  
*Abstract Introduction: To test the hypothesis that mandibular advancement...*27th October, 2009

- Angle Orthod. 2009 Nov;79(6):1095-101. ([DOI Direct Link](#))
- [Staged reconstruction for adult complete Treacher Collins syndrome.](#)  
*Treacher Collins syndrome is a congenital craniofacial malformation...*10th October, 2009  
Department of CranioMaxilloFacial Surgery, Plastic Surgery Hospital,- J Craniofac Surg. 2009 Sep;20(5):1433-8. ([DOI Direct Link](#))
- [Airway analysis: with bilateral distraction of the infant mandible.](#)  
*BACKGROUND: Mandibular distraction was proven to be a valuable tool for...*10th October, 2009  
Division of Plastic Surgery, Stanford University Medical Center, Palo- J Craniofac Surg. 2009 Sep;20(5):1341-6. ([DOI Direct Link](#))
- [An investigation of upper airway changes associated with mandibular advancement device using sleep videofluoroscopy in patients with obstructive sleep apnea.](#)  
*OBJECTIVE: To quantitatively evaluate the effects of the mandibular...*9th October, 2009  
Department of Otorhinolaryngology-Head and Neck Surgery, Seoul National- Arch Otolaryngol Head Neck Surg. 2009 Sep;135(9):910-4. ([DOI Direct Link](#))
- [Nasopharyngoscopic evaluation of oral appliance therapy for obstructive sleep apnoea.](#)  
*This study aimed to explore the effect of mandibular advancement splints...*3rd October, 2009  
Dept of Respiratory Medicine, Royal North Shore Hospital, St Leonards,- Eur Respir J. 2009 Sep 24. ([DOI Direct Link](#))
- [Effects of mouthpiece use on airway openings and lactate levels in healthy college males.](#)  
*Research has described the use of mouthpieces not only in preventing...*25th September, 2009  
Department of Health, Exercise and Sport Science, The Citadel, Charleston,- Compend Contin Educ Dent. 2009 Jul-Aug;30 Spec No 2:9-13.
- [Orthoimplants: an alternative treatment for SAHS?](#)  
*Numerous sleep studies have been published recently regarding the use of...*19th September, 2009  
Department of Surgery and Medical-Surgical Specialities, Area of- Sleep Breath. 2009 Sep 18. ([DOI Direct Link](#))

## Mandibular Advancement Patents:



- 4637796- [Office fabricated, adjustable function regulator](#)
- 5885290- [Intra-oral bone distraction device](#)
- 5919042- [Mandibular and maxillary arch expander and jaw repositioner](#)
- 5921942- [Adaptively controlled mandibular positioning device and method of using the device](#)
- 5947724- [Elastic mandibular advancement appliance with slide-in bite planes](#)
- 5951498- [Soft tissue cephalometric analysis for diagnosis and cephalometric treatment planning of facial imbalance](#)
- 6034117- [Methods of treating and diagnosing sleep disordered breathing and means for carrying out the method](#)
- 6036488- [Pivotal mounting boss for mandibular and maxillary arch expander and jaw repositioner](#)
- 6092523- [Anti-snoring device](#)
- 6109265- [Elastic mandibular advancement appliance](#)
- 6200278- [Gender specific soft tissue cephalometric analysis for diagnosis and cephalometric treatment planning of facial imbalance](#)
- 5876199- [Appliance adapted to fit many mouth and tooth sizes for orthodontic correction and other](#)

## uses

- 5848891- [Appliance and method for assisting a patient in maintaining a forward-moving force on the patient's mandibular jaw](#)
- 5826579- [Remote-controlled mandibular positioning device and method of using the device](#)
- 4802849- [Rapid mandibular advancement and vertical and lateral development device](#)
- 4871310- [Functional orthopedic magnetic appliances \(fomas\)](#)
- 5003994- [Oral appliance for improving breathing and methods of using and making same](#)
- 5035715- [Gamma irradiation of collagen/mineral mixtures](#)
- 5067896- [Orthodontic appliance](#)
- 5123925- [Gamma irradiation of collagen/mineral mixtures](#)
- 5620321- [Orthodontic appliance](#)
- 5645423- [Mandibular advancement appliance](#)
- 5645424- [Mandibular advancement appliance](#)
- 5794627- [Disposable mandibular advancement appliance](#)
- 6231337- [Dental mouthpiece and method of making same](#)
- 6241517- [Mandibular and maxillary arch expander](#)
- 7055525- [Retention of oral appliances for sleep related disorders](#)
- 7159591- [Kussick mandibular advancement appliance](#)
- 7213599- [Airway implant](#)
- 7237551- [Cushion for a patient interface](#)
- 7311103- [Method for treating obstructive sleep apnea syndrome](#)
- 7328698- [Intraoral apparatus for enhancing airway patency](#)
- 7331349- [Method and device for the prevention of snoring and sleep apnea](#)
- 7337781- [Implant for tongue](#)
- 7401611- [Airway implant](#)
- 7458810- [Dental appliance having an altered vertical thickness between an upper shell and a lower shell with an integrated hinging mechanism to attach an upper shell and a lower shell and a system and a method for treating malocclusions](#)
- 7018203- [Mandibular advancer and method of installing the same](#)
- 7011518- [Contoured palatal expander](#)
- 6877982- [Mandibular and maxillary arch expander having polygonal or ovoid rod and tube expanding elements](#)
- 6273859- [Adaptively controlled mandibular positioning device and method of using the device](#)
- 6368106- [Mandibular advancer and method of installing the same](#)
- 6402510- [Buccal tipping-resistant mandibular and maxillary arch expander](#)
- 6431861- [Orthodontic archwire](#)
- 6520772- [Bimaxillary jaw expanding appliance](#)
- 6604527- [Mandibular advancement device](#)
- 6626664- [Self opening orthodontic appliance with opening assistance](#)
- 6719557- [Orthodontic appliance contraction connector](#)
- 6792952- [Method and device for treatment of temporomandibular dysfunction syndrome and facial/dental deformities](#)
- 6877513- [Intraoral apparatus for enhancing airway patency](#)
- 7540843- [Diagnostics and treatment of sleep apnea](#)

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