

Malocclusion

[View the current Malocclusion InDepth page on BioPortfolio.com \(PDF\)](#)

(<http://www.bioportfolio.com/indepth/Malocclusion.html>) - Regularly Updated.

A malocclusion refers to the misalignment of teeth and/or incorrect relation between the teeth of the two dental arches. The upper arch is called the maxilla and the lower is called the mandible. ([From the Wikipedia article Malocclusion.](#))

Recent Publications on Malocclusion:



- [The Use of MRI Diagnostics in Orthognathic Surgery : Prevalence of TMJ Pathologies in Angle Class I, II, III Patients.](#)
*AIM: : Occasionally, undesirable post-surgical symptoms of...*6th February, 2010
Orthodontic Joint Practice Douglas Toll, D.D.S., and Dr. stom., (Univ.- J Orofac Orthop. 2010 Jan;71(1):68-80. Epub 2010 Feb 5. ([DOI Direct Link](#))
- [Assessed facial normality after Twin Block therapy.](#)
*The first aim of this study was to identify any difference in the...*6th February, 2010
Orthodontic Department, Royal London Hospital, UK.- Eur J Orthod. 2010 Feb 4. ([DOI Direct Link](#))
- [Mouth breathing: Adverse effects on facial growth, health, academics, and behavior.](#)
*The vast majority of health care professionals are unaware of the negative...*5th February, 2010
- Gen Dent. 2010 Jan-Feb;58(1):18-25.
- [Cranial strains and malocclusion VIII: palatal expansion.](#)
*Current techniques for palatal expansion are reviewed. Pre-treatment...*5th February, 2010
- Int J Orthod Milwaukee. 2009 Winter;20(4):15-30.
- [Intra-oral compartment pressures: a biofunctional model and experimental measurements under different conditions of posture.](#)
*Oral posture is considered to have a major influence on the development...*4th February, 2010
Dentistry Centre, Department of Maxillofacial Surgery, University of- Clin Oral Investig. 2010 Feb 2. ([DOI Direct Link](#))
- [Distalization of the mandibular dentition with mini-implants to correct a Class III malocclusion with a midline deviation.](#)
*This article describes the orthodontic treatment for a young woman, aged...*4th February, 2010
President, Korean Society of Speedy Orthodontics, Seoul, Korea.- Am J Orthod Dentofacial Orthop. 2010 Jan;137(1):135-146. ([DOI Direct Link](#))
- [Association of orthodontic treatment needs and oral health-related quality of life in young adults.](#)
*INTRODUCTION: Our objective was to assess the effect of different...*4th February, 2010
Associate professor, Department of Orthodontics, Faculty of Dentistry;- Am J Orthod Dentofacial Orthop. 2010 Jan;137(1):42-47. ([DOI Direct Link](#))
- [Psychosocial impact of hypodontia in children.](#)
*INTRODUCTION: The purpose of this cross-sectional study was to determine...*4th February, 2010

Specialist registrar, Department of Orthodontics, Eastman Dental Hospital,- Am J Orthod Dentofacial Orthop. 2010 Jan;137(1):35-41. ([DOI Direct Link](#))

- [Effectiveness of interceptive orthodontic treatment in reducing malocclusions.](#)
*INTRODUCTION: In this retrospective cohort study of the effectiveness of...*4th February, 2010
Moore Reidel Professor, Department of Orthodontics, University of- Am J Orthod Dentofacial Orthop. 2010 Jan;137(1):18-25. ([DOI Direct Link](#))
- [Tooth-wear patterns in subjects with Class II Division 1 malocclusion and normal occlusion.](#)
*INTRODUCTION: The aim of this study was to investigate the prevalence of...*4th February, 2010
Professor and head, Department of Orthodontics, Bauru Dental School,- Am J Orthod Dentofacial Orthop. 2010 Jan;137(1):14.e1-14.e7. ([DOI Direct Link](#))
- [Editor's Summary and Q&A Tooth-wear patterns in subjects with Class II Division 1 malocclusion and normal occlusion.](#)
*INTRODUCTION: The aim of this study was to investigate the prevalence of...*4th February, 2010
Bauru, Brazil, and Toronto, Ontario, Canada.- Am J Orthod Dentofacial Orthop. 2010 Jan;137(1):14-15. ([DOI Direct Link](#))
- [Comparison of prospectively and retrospectively selected American Board of Orthodontics cases.](#)
*INTRODUCTION: In this study, we compared the pretreatment conditions,...*4th February, 2010
Private practice, Bend, Ore.- Am J Orthod Dentofacial Orthop. 2010 Jan;137(1):6.e1-6.e8. ([DOI Direct Link](#))
- [Editor's Summary and Q&A Comparison of prospectively and retrospectively selected American Board of Orthodontics cases.](#)
*INTRODUCTION: In this study, we compared the pretreatment conditions,...*4th February, 2010
Bend, Ore, and Seattle, Wash.- Am J Orthod Dentofacial Orthop. 2010 Jan;137(1):6-8. ([DOI Direct Link](#))
- [Malocclusion in aging wistar rats.](#)
*Insufficient wear of rodent incisors often results in malocclusion and...*4th February, 2010
Laboratory for Research of the Musculoskeletal System, School of Medicine,- J Am Assoc Lab Anim Sci. 2010;49(1):22-6.
- [Specific morphological aspects of the teeth and alveolar bone in Class II/2 malocclusion.](#)
*In the genesis of dental-maxillary anomalies both morphologic factors (of...*30th January, 2010
"Carol Davila" University of Medicine and Pharmacy, Faculty of Dentistry,- J Med Life. 2009 Jan-Mar;2(1):76-9.

Malocclusion Clinical Trials:



- [A Prospective Randomized Controlled Trial to Evaluate the Effectiveness of the Two Different Appliances in the Treatment of Class II Division 1 Malocclusion](#)



Malocclusion Patents:

- 7235077- [Bone fixation device and method](#)
- 7331782- [Orthodontic suspension bracket and method of use](#)
- 7331783- [System and method for positioning teeth](#)
- 7335021- [Methods and apparatus to facilitate orthodontic alignment of teeth](#)
- 7335024- [Methods for producing non-interfering tooth models](#)
- 7354268- [Movement of orthodontic objects along a virtual archwire within a three-dimensional \(3D\) environment](#)
- 7357633- [Device for correction of the form of upper jaw](#)
- 7357635- [System and method to bioengineer facial form in adults](#)
- 7361017- [Virtual bracket library and uses thereof in orthodontic treatment planning](#)
- 7361018- [Method and system for enhanced orthodontic treatment planning](#)
- 7377778- [System for determining final position of teeth](#)
- 7326051- [Methods and systems for treating teeth](#)
- 7322822- [Apparatus and method for removing enamel from a person's tooth](#)
- 7314372- [System and method to bioengineer facial form in adults](#)
- 7252506- [Arch member for an orthodontic brace](#)
- 7252509- [Tooth templates for bracket positioning and other uses](#)
- 7258545- [Orthodontic anchor](#)
- 7270826- [Methods of using Botulinum toxin for the treatment of hypervolemic lip deformity \(lip ectropion\)](#)
- 7273372- [Dental articulator](#)
- 7283891- [Robot and method for bending orthodontic archwires and other medical devices](#)
- 7293988- [Accurately predicting and preventing interference between tooth models](#)
- 7294141- [Pacifier, a system and a method for maintaining proper dentitions](#)
- 7296996- [Virtual bracket placement and evaluation](#)
- 7305110- [Scanning system and calibration method for capturing precise three-dimensional information of objects](#)
- 7379584- [Methods for registration of three-dimensional frames to create three-dimensional virtual models of objects](#)
- 7383198- [Delivery information systems and methods](#)
- 7471821- [Method and apparatus for registering a known digital object to scanned 3-D model](#)
- 7474307- [Clinician review of an orthodontic treatment plan and appliance](#)
- 7556496- [Method of making indirect bonding apparatus for orthodontic therapy](#)
- 7559764- [Orthodontic bone anchor](#)
- 7578671- [Orthodontic device for treating malocclusions](#)
- 7578672- [Orthodontic device and method for treating malocclusions](#)
- 7585172- [Orthodontic treatment planning with user-specified simulation of tooth movement](#)
- 7590462- [Interactive orthodontic care system based on intra-oral scanning of teeth](#)
- 7609875- [Scanner system and method for mapping surface of three-dimensional object](#)
- 7637740- [Systems and methods for temporally staging teeth](#)
- 7461005- [Method and apparatus for automated generation of a patient treatment plan](#)
- 7458812- [Three-dimensional occlusal and interproximal contact detection and display using virtual tooth models](#)
- 7458811- [Kits comprising a plurality of bite ramps having different angles for orthodontic treatment](#)

- 7384266- [Method and apparatus for manufacturing and constructing a physical dental arch model](#)
- 7404404- [Anterior sextant dental bite tray apparatus](#)
- 7404714- [Method and apparatus for indirect bonding of orthodontic appliances](#)
- 7410357- [Method and apparatus for indirect bonding of orthodontic appliances](#)
- 7422430- [Method and apparatus for orthodontic appliance optimization](#)
- 7435083- [Tooth path treatment plan](#)
- 7435084- [System and methods for casting physical tooth model](#)
- 7442041- [Three-dimensional occlusal and interproximal contact detection and display using virtual tooth models](#)
- 7452205- [Orthodontic indirect bonding apparatus with occlusal positioning stop members](#)
- 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](#)
- 7641473- [Method and apparatus for digitally evaluating insertion quality of customized orthodontic arch wire](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2010 - BioPortfolio Limited.

