

# Dental Bonding

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## Recent Publications on Dental Bonding:

- [Minimally invasive dentistry combining orthodontic therapy and single-unit restoration.](#)  
*Today's restorative materials enable dental professionals to deliver...* 10th October, 2008  
Vancouver Centre for Cosmetic and Implant Dentistry, 601-1200 Burrard- Pract Proced Aesthet Dent. 2008 Jun;20(5):273-8; quiz 279.
- [Use of rare-earth magnets for bonding lingual retainers.](#)  
*Diagnostic and therapeutic interventions following dental injuries are not...* 8th October, 2008  
School of Dentistry, Indiana University.- J Clin Orthod. 2008 Jun;42(6):349-50.
- [\[Injuries to permanent teeth--Part 4: Therapy of crown fractures\]](#)  
*Diagnostic and therapeutic interventions following dental injuries are not...* 1st October, 2008  
Klinik fur Zahnerhaltung, Praeventiv- und Kinderzahnmedizin,- Schweiz Monatschr Zahnmed. 2008;118(8):737-55.
- [In vitro performance of nano-heterogeneous dentin adhesive.](#)  
*Water is ubiquitous in the mouths of healthy individuals and routinely...* 1st October, 2008  
Bioengineering Research Center, University of Kansas, 1530 W. 15th Street,- J Dent Res. 2008 Sep;87(9):829-33.
- [Sense and non-sense of adhesion research.](#)  
*Dental adhesion has made tremendous progress over the last twenty years....* 1st October, 2008  
University of Birmingham, UK.- Refuat Hapeh Vehashinayim. 2008 Jan;25(1):9-12, 81.
- [Influence of the chemical structure of functional monomers on their adhesive performance.](#)  
*Functional monomers in adhesive systems can improve bonding by enhancing...* 19th September, 2008  
Department of Conservative Dentistry, Catholic University of Leuven,- J Dent Res. 2008 Aug;87(8):757-61.
- [Degradation, fatigue, and failure of resin dental composite materials.](#)  
*The intent of this article is to review the numerous factors that affect...* 19th September, 2008  
Department of Restorative Dentistry, University of Illinois at Chicago,- J Dent Res. 2008 Aug;87(8):710-9.
- [Cytotoxic effects of dental bonding substances as a function of degree of conversion.](#)  
*OBJECTIVES: Recently, we found that dental bonding substances tested alone...* 9th September, 2008  
Bernhard Gottlieb University Clinic of Dentistry, Medical University of- Dent Mater. 2008 Sep 5. ([DOI Direct Link](#))
- [Bond strength of 4 orthodontic adhesives used with a caries-protective resin sealant.](#)  
*INTRODUCTION: The purpose of this study was to investigate the shear peel...* 30th August, 2008  
Aspen Orthodontics, PO Box 246, Rigby, ID 83442, USA.- Am J Orthod Dentofacial Orthop. 2008

- Aug;134(2):291-5. ([DOI Direct Link](#))
- [Effect of self-etchant pH on the shear bond strength of orthodontic brackets.](#)  
*INTRODUCTION: Self-etching primers (SEPs) have been used successfully...*30th August, 2008  
College of Dentistry, University of Iowa, Iowa City, IA 52242-1001, USA.- Am J Orthod Dentofacial Orthop. 2008 Aug;134(2):203-8. ([DOI Direct Link](#))
  - [Comparison of shear bond strengths of orthodontic brackets bonded to deciduous and permanent teeth.](#)  
*INTRODUCTION: This study was conducted (1) to compare the bond strengths...*30th August, 2008  
Orthodontic Dentistry, Nippon Dental University, Niigata Hospital,- Am J Orthod Dentofacial Orthop. 2008 Aug;134(2):198-202. ([DOI Direct Link](#))
  - [Laser etching of enamel for orthodontic bonding.](#)  
*INTRODUCTION: The purposes of this study were to assess the shear bond...*30th August, 2008  
Department of Orthodontics, Faculty of Dentistry, University of Dicle,- Am J Orthod Dentofacial Orthop. 2008 Aug;134(2):193-7. ([DOI Direct Link](#))
  - [Effects of sandblasting and silica coating on the bond strength of rebonded mechanically retentive ceramic brackets.](#)  
*INTRODUCTION: The aim of this study was to determine the bond strength of...*30th August, 2008  
Department of Orthodontics, Cukurova University, Balcali, 01330, Adana,- Am J Orthod Dentofacial Orthop. 2008 Aug;134(2):181e1-7. ([DOI Direct Link](#))
  - [Effectiveness of lingual retainers bonded to the canines in preventing mandibular incisor relapse.](#)  
*INTRODUCTION: A retainer bonded to the lingual surfaces of the mandibular...*30th August, 2008  
Department of Orthodontics and Oral Biology, Radboud University Nijmegen- Am J Orthod Dentofacial Orthop. 2008 Aug;134(2):179e1-8. ([DOI Direct Link](#))
  - [Developing form, function, and natural aesthetics with laboratory-processed composite resin--part II.](#)  
*Although the literature has provided clinicians with some awareness of...*20th August, 2008  
Department of Restorative Dentistry and Biomaterials, University of Texas- Pract Proced Aesthet Dent. 2005 Aug;17(7):449-54; quiz 456.

## BioNews Results for Dental Bonding

- [High Growth Reported for the World Medical Adhesives & Sealants Market](#)  
*Macro World Investor: Sep 11 2008 8:37AM Matching: dental bonding*
- [High Growth Reported for the World Medical Adhesives & Sealants Market](#)  
*Canadian Business Magazine: Sep 10 2008 7:28PM Matching: dental bonding*
- [High Growth Reported for the World Medical Adhesives & Sealants Market](#)  
*Earthtimes.org: Sep 10 2008 7:04PM Matching: dental bonding*
- [High Growth Reported for the World Medical Adhesives & Sealants Market](#)  
*Yahoo! Canada: Sep 10 2008 7:01PM Matching: dental bonding*
- [High Growth Reported for the World Medical Adhesives & Sealants Market](#)  
*TMC Net: Sep 10 2008 6:55PM Matching: dental bonding*
- [High Growth Reported for the World Medical Adhesives & Sealants Market](#)  
*Calibre Macro World: Sep 10 2008 6:41PM Matching: dental bonding*
- [Reportlinker.com: High Growth Reported for the World Medical Adhesives & Sealants Market](#)  
*Market Wire: Sep 10 2008 6:51PM Matching: dental bonding*
- [High Growth Reported for the World Medical Adhesives & Sealants Market](#)  
*Market Wire: Sep 10 2008 6:41PM Matching: dental bonding*





## Dental Bonding Patents:

- 6096903- [Hydrolysable and polymerizable oxetane silanes](#)
- 6387979- [Bonding composition](#)
- 6388034- [Metal adhesive compositions and method of bonding articles therewith](#)
- 6399037- [Dental materials having a nanoscale filler](#)
- 6416322- [Powdering attachment for applying powder to tooth surfaces](#)
- 6512068- [Adhesive composition and method for producing it](#)
- 6572374- [Dental bonding formulation complexing calcified deposits associated with a dentinal tubule opening](#)
- 6583197- [Dental adhesive composition](#)
- 6617043- [Dental bonding material and method for bonding a polymeric veneering material or ceramic to a metal coping in forming a dental restoration or prosthesis](#)
- 6641396- [Method and device for preparing the hard structures of teeth for the application of dental restorative materials](#)
- 6652280- [Composition and method for improving, altering, and treating teeth](#)
- 6355704- [Bonding composition for dental use](#)
- 6326417- [Anti-microbial dental compositions and method](#)
- 6306206- [Temporary dental cement compositions and related methods and systems](#)
- 6110851- [Process for producing a ceramic material based on calcium phosphate compounds and use of this material](#)
- 6126732- [Dental prosthesis](#)
- 6136886- [Dental elastic restorative material and method for production of dental prosthetic material using the same](#)
- 6191191- [Polymerizable dental composition](#)
- 6197410- [Prepreg](#)
- 6210163- [Composition and method for cosmetically improving and altering the appearance of teeth](#)
- 6216695- [Disposable surgical face mask with retractable eye shield](#)
- 6239705- [Intra oral electronic tracking device](#)
- 6277295- [Etching alumina ceramics](#)
- 6284898- [Hydrolysable and polymerizable oxetane silanes](#)
- 6652840- [Bleeding control and healing aid compositions and methods of use](#)
- 6673958- [Multifunctional dentin bonding agent](#)
- 6887920- [Fillings and composite dental materials containing the fillings](#)
- 6905335- [Dental renewal kit and method for renewing a patient's teeth](#)
- 6939901- [Adhesive composition](#)
- 7033171- [Molar tube lock](#)
- 7098259- [Cationically curable dental materials](#)
- 7129281- [One-bottle dental bonding composition](#)
- 7162321- [Method for producing a high-strength ceramic dental prosthesis](#)
- 7179085- [Apparatus for dispensing dental solutions](#)
- 7234934- [Computer configured appliance for orthodontic correction of malocclusions](#)
- 7300279- [Orthodontic retainer elements](#)
- 6835067- [Prefabricated dental inlay forms for use in fillings](#)
- 6814794- [Temporary dental cements having reduced tooth sensitivity](#)
- 6797260- [Bleeding control and healing aid compositions and methods of use](#)

- 6677474- [Difunctional IDBM and related compounds as novel dentin bonding agents](#)
- 6693143- [Dental materials having a nanoscale filler](#)
- 6709271- [Low shrinkage dental composite](#)
- 6713555- [Hydrolyzable and polymerizable silanes based on methylene dithiepane](#)
- 6729878- [Composition and method for improving, altering, and treating teeth](#)
- 6729879- [Dental bonding methods for adhering amalgam restoratives to dental substrates](#)
- 6733287- [Molar tube lock](#)
- 6750268- [Bonding composition](#)
- 6756417- [Dental bonding compositions for adhering amalgam restoratives to dental substrates](#)
- 6790877- [Bonding compositions for dental use](#)
- 7331450- [Dental applicator holding and material dispensing tray](#)

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