

## Bone Plates

[View the current Bone Plates InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Bone_Plates.html)

([http://www.bioportfolio.com/indepth/Bone\\_Plates.html](http://www.bioportfolio.com/indepth/Bone_Plates.html))



### Recent Publications on Bone Plates:

- [Surgical treatment of acute and chronic acromioclavicular dislocation Tossy type III and V using the Hook plate.](#)  
*We treated 16 patients with acute and chronic acromioclavicular...* 15th November, 2008  
University- Acta Orthop Belg. 2008 Aug;74(4):441-5.
- [Minimally invasive surgery in fracture management.](#)  
*PURPOSE: The purpose of this study is to evaluate immediate autologous...* 14th November, 2008  
- Chin Med J (Engl). 2008 Aug 5;121(15):1349-51.
- [\[A preliminary study on alveolar bone and teeth defect by immediate autologous bone graft and secondary dental implantation.\]](#)  
*PURPOSE: The purpose of this study is to evaluate immediate autologous...* 8th November, 2008  
Department of Stomatology, Jiading District Central Hospital. Shanghai- Shanghai Kou Qiang Yi Xue. 2008 Oct;17(5):488-91.
- [Open reduction and internal fixation of intra-articular fractures of the mandibular condyle: our first experiences.](#)  
*BACKGROUND: Treatment of intra-articular fractures of the mandibular...* 7th November, 2008  
Department of Maxillofacial and Oral Surgery, University Medical Centre- J Oral Maxillofac Surg. 2008 Oct;66(10):2123-9. ([DOI Direct Link](#))
- [A biomechanical evaluation of plating techniques used for reconstructing mandibular symphysis/parasymphysis fractures.](#)  
*PURPOSE: The purpose of this investigation was to evaluate and compare the...* 7th November, 2008  
Department of Oral and Maxillofacial Surgery, University of Louisville,- J Oral Maxillofac Surg. 2008 Oct;66(10):2012-9. ([DOI Direct Link](#))
- [The cervical end of an occipitocervical fusion: a biomechanical evaluation of 3 constructs. Laboratory investigation.](#)  
*OBJECT: Stabilization with rigid screw/rod fixation is the treatment of...* 5th November, 2008  
Department of Neurosurgery, University of Utah, Salt Lake City, Utah- J Neurosurg Spine. 2008 Sep;9(3):296-300.
- [Pharyngoesophageal diverticulum following cervical corpectomy and plating. Case report.](#)  
*This case of a pharyngoesophageal diverticulum was diagnosed 3 years after...* 5th November, 2008  
Department of Neurosurgery, General Hospital, Castellon, Valencia, Spain.- J Neurosurg Spine. 2008 Sep;9(3):258-60.
- [Complex midfacial reconstruction: a combined technique of computer-assisted surgery and microvascular tissue transfer.](#)

- Metallic fracture fixation devices such as bone plates and screws are...* 4th November, 2008  
Department of Oral and Maxillofacial Surgery, Hanover Medical School,- J Oral Maxillofac Surg. 2008 Nov;66(11):2398-406. ([DOI Direct Link](#))
- [Results using the AO hook plate for dislocations of the acromioclavicular joint.](#)  
*The AO Hook plate has been used for stabilization of acromioclavicular...* 1st November, 2008  
Orthopaedic Department in Princess Alexandra Hospital, Harlow, Essex, UK.- Expert Rev Med Devices. 2008 Sep;5(5):567-72. ([DOI Direct Link](#))
  - [A revolution in the management of fractures of the distal radius?](#)  
*The recent development of locking-plate technology has led to a potential...* 28th October, 2008  
Nottingham University Hospitals NHS Trust, Queen's Medical Centre Campus,- J Bone Joint Surg Br. 2008 Oct;90(10):1271-5. ([DOI Direct Link](#))
  - [Bioresorbable composite materials for orthopaedic devices.](#)  
*Metallic fracture fixation devices such as bone plates and screws are...* 25th October, 2008  
Cambridge Consultants Ltd, Cambridge, UK.- Med Device Technol. 2008 Sep;19(5):69-70, 72.
  - [Sternal plating to prevent malunion of transverse sternotomy in lung transplantation.](#)  
*Sternal malunion can be a significant cause of morbidity in double-lung...* 23rd October, 2008  
Division of Cardiothoracic Surgery, University Medical Center, Tucson,- Ann Thorac Surg. 2008 Oct;86(4):1384-5. ([DOI Direct Link](#))
  - [The Hansson Twin Hook is adequate for fixation of trochanteric fractures: 2 fixation failures in a series of 157 prospectively followed patients.](#)  
*BACKGROUND AND PURPOSE: The Hansson Twin Hook (HTH) is an alternative to...* 10th October, 2008  
Department of Orthopedics, Helsingborg Hospital, Helsingborg, Sweden.- Acta Orthop. 2008 Oct;79(5):602-8. ([DOI Direct Link](#))
  - [Computer-aided volume measurement of posttraumatic orbits reconstructed with AO titanium mesh plates: accuracy and reliability.](#)  
*PURPOSE: To prospectively evaluate the accuracy and reliability of...* 1st October, 2008  
Division of Oral and Maxillofacial Surgery, Centre Hospitalier- Ophthal Plast Reconstr Surg. 2008 Sep-Oct;24(5):383-9. ([DOI Direct Link](#))
  - [Evaluation of bone plate with low-stiffness material in terms of stress distribution.](#)  
*The aim of this study is to evaluate a newly developed bone plate with...* 23rd September, 2008  
Faculty of Engineering, Dokuz Eylul University, 35100 Bornova, Izmir,- J Biomech. 2008 Nov 14;41(15):3229-3235. Epub 2008 Sep 20. ([DOI Direct Link](#))

## Bone Plates Clinical Trials:



- [Plate Fixation of Distal Femur Fractures: a Protocol for a Randomized, Prospective Study of Two Plate Options](#)  
*Femoral Fractures*



## Bone Plates Patents:

- 7258810- [In-situ oxidized textured surfaces for prosthetic devices and method of making same](#)
- 7306601- [External fixation system with provisional brace](#)
- 7316687- [Blade plate and instruments](#)
- 7318825- [Dynamic cervical plates and cervical plate constructs](#)
- 7320798- [Coatings, coated articles and methods of manufacture thereof](#)
- 7320799- [Coatings, coated articles and methods of manufacture thereof](#)
- 7321008- [Bioabsorbable branched polymers end-capped with diketene acetals](#)
- 7322984- [Spinal plate with internal screw locks](#)
- 7326212- [Bone plates with reference marks](#)
- 7331961- [Plating system for bone fixation and subsidence and method of implantation](#)
- 7333013- [Medical implant device with RFID tag and method of identification of device](#)
- 7306600- [Bone fixation system](#)
- 7303564- [Spinal plate extender system and method](#)
- 7291179- [Bone graft substitute composition](#)
- 7261715- [Grommet assembly](#)
- 7264620- [Variable laminoplasty implant](#)
- 7264799- [Use of heparinases to decrease inflammatory response](#)
- 7268205- [Medical devices and applications of polyhydroxyalkanoate polymers](#)
- 7270679- [Implants based on engineered metal matrix composite materials having enhanced imaging and wear resistance](#)
- 7270997- [Coxsackievirus B4 expression vectors and uses thereof](#)
- 7273481- [Bone plate assembly provided with screw locking mechanisms](#)
- 7278997- [Instrument guide and implant holder](#)
- 7288095- [Bone plate with screw lock](#)
- 7291152- [Bone fixation system and method of implantation](#)
- 7335205- [Implants, device and method for joining tissue parts](#)
- 7338491- [Spinal fixation locking mechanism](#)
- 7407513- [Artificial spinal disk](#)
- 7410488- [Hindfoot nail](#)
- 7410489- [Internal cord fixation device](#)
- 7410783- [Method for producing biodegradable polyester](#)
- 7411031- [Synthesis of polyanhydrides](#)
- 7413753- [Calcium phosphate delivery vehicles for osteoinductive proteins](#)
- 7416553- [Drill guide and plate inserter](#)
- 7416889- [Methods and compositions for repairing cartilage](#)
- 7431731- [Method and apparatus for percutaneously securing a bone screw and a bone plate to a bone of a patient](#)
- 7438715- [Spinal implant kit](#)
- 7396527- [Antibiotic polymers](#)
- 7396362- [Prosthesis and method for deployment within a body lumen](#)
- 7396232- [Periosteal distraction](#)
- 7338494- [Spring-loaded awl](#)
- 7341589- [Bone plating system](#)
- 7350643- [System and device for keeping bone screws ready](#)

- 7350762- [Flow control assemblies having integrally formed shape memory alloy actuators](#)
- 7351244- [Spinal fusion instrumentation, implant and method](#)
- 7354441- [Bone plate](#)
- 7357804- [Quick-release drill-guide assembly for bone-plate](#)
- 7361177- [System and method for providing fastening elements for a bone plate](#)
- 7361178- [Cranial flap clamp and instrument for use therewith](#)
- 7377923- [Variable angle spinal screw assembly](#)
- 7442201- [Impermanent biocompatible fastener](#)

\*\*\*

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 Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

