

Bone Screws

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Recent Publications on Bone Screws:

- [Slipped capital femoral epiphysis.](#)
*Recently, it has been demonstrated that oxygen free radicals have an...*18th November, 2009
Southampton University Hospitals NHS Trust, Southampton General Hospital,- BMJ. 2009 Nov 6;339:b4457. doi: 10.1136/bmj.b4457.
- [Circumferential fixation with craniofacial miniplates for a cervical spine injury in a child.](#)
*Unstable pediatric cervical spine injuries present significant challenges...*18th November, 2009
Department of Neurological Surgery, Indiana University School of Medicine,- J Neurosurg Pediatr. 2009 Nov;4(5):429-33. ([DOI Direct Link](#))
- [Lateral column lengthening using allograft interposition and cervical plate fixation.](#)
*Lateral column lengthening has been used successfully in the treatment of...*18th November, 2009
Orthopedic Foot & Ankle Center, Columbus, Ohio 43231, USA.- Foot Ankle Spec. 2008 Oct;1(5):288-96. Epub 2008 Aug 27. ([DOI Direct Link](#))
- [Flexor hallucis tendon transfer with an interference screw for chronic Achilles tendinosis: a report of 62 cases.](#)
*Chronic disorders of the Achilles tendon are frequently treated by foot...*18th November, 2009
Sarasota Orthopedic Associates, Sarasota, Florida 34239, USA.- Foot Ankle Spec. 2008 Oct;1(5):280-7. Epub 2008 Aug 7. ([DOI Direct Link](#))
- [Failure of fracture plate fixation.](#)
*Failure of fracture fixation after plating often leads to challenging...*11th November, 2009
Department of Orthopaedic Surgery, Washington University School of- J Am Acad Orthop Surg. 2009 Oct;17(10):647-57.
- [Malocclusions resulting from loss of fixation after sagittal split ramus osteotomies.](#)
*Unstable pediatric cervical spine injuries present significant challenges...*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](#))
- [Cementum, pulp, periodontal ligament, and bone response after direct injury with orthodontic anchorage screws: a histomorphologic study in an animal model.](#)
*PURPOSE: To assess the histologic response of the periodontium, cementum,...*5th November, 2009
Department of Dentistry, Montefiore Medical Center, The University- J Oral Maxillofac Surg. 2009 Nov;67(11):2440-5. ([DOI Direct Link](#))
- [Treatment of mandibular fractures with Michelet technique: manual fracture reduction without arch bars.](#)
*PURPOSE: In our Bordeaux maxillofacial surgery unit, we have used the...*5th November, 2009
Department of Maxillofacial Surgery, Centre Hospitalier Universitaire,- J Oral Maxillofac Surg. 2009

- Nov;67(11):2374-9. ([DOI Direct Link](#))
- [Effects of orthopedic implants with a polycaprolactone polymer coating containing bone morphogenetic protein-2 on osseointegration in bones of sheep.](#)
*OBJECTIVE: To determine elution characteristics of bone morphogenetic...*3rd November, 2009
 Department of Veterinary Clinical Sciences, College of Veterinary- Am J Vet Res. 2009
 Nov;70(11):1416-25. ([DOI Direct Link](#))
 - [Long-term follow-up of radial shortening osteotomy for Kienbock disease. Surgical technique.](#)
*BACKGROUND: Three previous studies have investigated the long-term outcome...*3rd November, 2009
 Department of Orthopaedic Surgery, Yamagata University School of Medicine,- J Bone Joint Surg Am. 2009 Oct 1;91 Suppl 2:184-90. ([DOI Direct Link](#))
 - [Efficiency of a skeletonized distal jet appliance supported by miniscrew anchorage for noncompliance maxillary molar distalization.](#)
*INTRODUCTION: Conventional anchorage appliances rely exclusively on...*30th October, 2009
 Department of Orthodontics, University of Saarland, Homburg/Saar, Germany.- Am J Orthod Dentofacial Orthop. 2009 Oct;136(4):578-86. ([DOI Direct Link](#))
 - [Comparison of corticotomy-facilitated vs standard tooth-movement techniques in dogs with miniscrews as anchor units.](#)
*INTRODUCTION: One method used to accelerate orthodontic tooth movement is...*30th October, 2009
 Orthodontic Department, Faculty of Oral and Dental Medicine, Cairo- Am J Orthod Dentofacial Orthop. 2009 Oct;136(4):570-7. ([DOI Direct Link](#))
 - [Unusual mode of mechanical failure of an AO cannulated self drilling screw. A case report.](#)
*Cannulated AO screws are commonly used for fracture fixation. Mechanical...*21st October, 2009
 Department of Orthopaedics, Queen Margaret Hospital, Dunfermline, Fife- Acta Orthop Belg. 2009 Aug;75(4):557-60.
 - [\[Effect factors analysis of knee function recovery after distal femoral fracture operation\]](#)
*OBJECTIVE: To investigate the effect factors of knee function recovery...*13th October, 2009
 Department of orthopaedics, Affiliated Hospital of Guilin Medical College,- Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 2009 Sep;23(9):1053-7.
 - [Ear epistheses as an alternative to autogenous reconstruction.](#)
*An ear episthesis is an artificial substitute for the auricle. The term...*8th October, 2009
 Department of Oto-Rhino-Laryngology, University Hospital Heidelberg,- Facial Plast Surg. 2009 Aug;25(3):190-203. Epub 2009 Oct 6. ([DOI Direct Link](#))

Bone Screws Patents:



- 7588577- [Guide assembly for intramedullary fixation and method of using the same](#)
- 7596399- [Implantation of implantable medical device](#)
- 7596408- [Implantable medical device with anti-infection agent](#)
- 7597715- [Method and apparatus for use of porous implants](#)
- 7601156- [Limb lengthener](#)
- 7601167- [Apparatus for implantation into bone](#)
- 7601170- [Inter-cervical facet implant and method](#)
- 7601172- [Mechanical apparatus and method for artificial disc replacement](#)

- 7603192- [Method of making orthopedic implants and the orthopedic implants](#)
- 7604638- [Instruments and methods for holding a bone plate](#)
- 7604640- [Device and system for applying rotary impact](#)
- 7594933- [Method and apparatus for positioning a bone prosthesis using a localization system](#)
- 7594924- [Spinal stabilization using bone anchor seat and cross coupling with improved locking feature](#)
- 7594917- [Method and apparatus for fixing a graft in a bone tunnel](#)
- 7588586- [Tissue fixation device](#)
- 7588590- [Spinal facet implant with spherical implant apposition surface and bone bed and methods of use](#)
- 7588593- [Pedicle screw with vertical adjustment](#)
- 7591836- [Surgical devices and methods for vertebral shifting utilizing spinal fixation systems](#)
- 7591838- [Orthopedic fixation device](#)
- 7591839- [Bone anchoring element for anchoring in a bone or vertebra, and stabilization device with such a bone anchoring element](#)
- 7591840- [Orthopedic fusion plate having both active and passive subsidence controlling features](#)
- 7591851- [Inter-cervical facet implant and method](#)
- 7591856- [Apparatus for total hip replacement for cases of hip ankylosis and severe joint infection](#)
- 7592017- [Resorbable thin membranes](#)
- 7604643- [Adjustable tool for cannulated fasteners](#)
- 7604656- [Apparatus for connecting a longitudinal member to a bone portion](#)
- 7611517- [Rod reducer](#)
- 7611527- [System and method for stabilizing the human spine with a bone plate](#)
- 7611536- [Hemi-interbody spinal fusion implants manufactured from a major long bone ring](#)
- 7611540- [Extra-articular implantable mechanical energy absorbing systems and implantation method](#)
- 7615069- [Load distribution crown](#)
- 7618419- [Method and system of computer assistance for the reduction of a fracture](#)
- 7618422- [Tibial augmentation guide](#)
- 7618424- [Orthopedic instrument](#)
- 7618439- [Instrumentation and methods for use in implanting a cervical disc replacement device](#)
- 7618443- [Occipito fixation system and method of use](#)
- 7611514- [Spinal interspace shaper](#)
- 7610919- [Intraoral aversion devices and methods](#)
- 7608113- [Demineralized bone implants](#)
- 7604657- [Bone fixation plate with complex suture anchor locations](#)
- 7604659- [Method and apparatus for repair of torn rotator cuff tendons](#)
- 7608036- [Methods and apparatus for correction of urinary and gynecological pathologies, including treatment of male incontinence, and female cystocele](#)
- 7608062- [Method and device for delivering medicine to bone](#)
- 7608077- [Method and apparatus for spinal distraction and fusion](#)
- 7608096- [Posterior pedicle screw and plate system and methods](#)
- 7608097- [Bone screw with fluid delivery structure](#)
- 7608106- [Facet arthroplasty devices and methods](#)
- 7608107- [Expandable implant with interlocking walls and method for use thereof](#)
- 7608110- [Systems for bone replacement](#)
- 7618456- [Intervertebral implant](#)

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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)

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