

# Fracture Fixation

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## Recent Publications on Fracture Fixation:

- [How comparable is so-called standard fracture fixation with an identical implant? A prospective experience with the antegrade femoral nail in South Africa and Europe.](#)  
*BACKGROUND: The utilisation and consequences of standardised operative...* 11th November, 2009  
Computer Assisted Radiology & Surgery (CARCAS), University Hospital Basel,- Injury. 2009 Nov 7. ([DOI Direct Link](#))
- [Biomechanical comparison of proximal locking plates and blade plates for the treatment of comminuted subtrochanteric femoral fractures.](#)  
*OBJECTIVES: The 95 degrees angled blade plate is an accepted standard for...* 10th November, 2009  
R Adams Cowley Shock Trauma Center, Department of Orthopaedics, University- J Orthop Trauma. 2009 Oct;23(9):628-33. ([DOI Direct Link](#))
- [A biomechanical comparison of locked plate fixation with percutaneous insertion capability versus the angled blade plate in a subtrochanteric fracture gap model.](#)  
*OBJECTIVES: The angled blade plate has been the historical standard in...* 10th November, 2009  
Department of Orthopaedic Surgery, University of Missouri-Columbia, One- J Orthop Trauma. 2009 Oct;23(9):622-7. ([DOI Direct Link](#))
- [\[Legal equality or tombola?\]](#)  
*The purpose of this gallery of orthopedic implants was to provide a...* 5th November, 2009  
- Tidsskr Nor Laegeforen. 2009 Oct 22;129(20):2136. ([DOI Direct Link](#))
- [Open reduction and internal fixation of low subcondylar fractures of mandible through high cervical transmasseteric anteroparotid approach.](#)  
*PURPOSE: The aim of the present study was to evaluate the functional and...* 5th November, 2009  
Department of Oral and Maxillofacial Surgery and Institute of Human- J Oral Maxillofac Surg. 2009 Nov;67(11):2446-51. ([DOI Direct Link](#))
- [Transmasseter approach to condylar fractures by mini-retromandibular access.](#)  
*PURPOSE: The published data are full of evidence that surgical treatment...* 5th November, 2009  
Department of Maxillofacial Surgery, San Paolo Hospital, University of- J Oral Maxillofac Surg. 2009 Nov;67(11):2418-24. ([DOI Direct Link](#))
- [Biomechanical analysis of miniplate osteosynthesis for fractures of the atrophic mandible.](#)  
*PURPOSE: The purpose of this study was to investigate the biomechanical...* 5th November, 2009  
Department of Oral and Maxillofacial Surgery, Nara Medical University,- J Oral Maxillofac Surg. 2009 Nov;67(11):2397-403. ([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](#))

- [Influence of material and microtopography on the development of local infection in vivo: Experimental investigation in rabbits.](#)  
*Polishing the surface of internal fracture fixation (IFF) implant...*3rd November, 2009  
AO Research Institute Davos, AO Foundation, Davos - Switzerland.- Int J Artif Organs. 2009 Oct 31;32(9):663-670.
- [Do corticosteroids reduce the risk of fat embolism syndrome in patients with long-bone fractures? A meta-analysis.](#)  
*BACKGROUND: Fat embolism syndrome (FES) is a potentially lethal condition...*30th October, 2009  
Department of Orthopaedic Surgery, University of California at San- Can J Surg. 2009 Oct;52(5):386-93.
- [Gallery of uncommon orthopedic implants: a guide for emergency radiologist.](#)  
*The purpose of this gallery of orthopedic implants was to provide a...*28th October, 2009  
Keck School of Medicine at the University of Southern California, Los- Emerg Radiol. 2009 Oct 27. ([DOI Direct Link](#))
- [Is the femoral neck geometry adequate for placement of the proximal femoral nail in the Malaysian population? A review of 100 cases.](#)  
*Issues that had been encountered during proximal femoral fracture fixation...*27th October, 2009  
Department of Orthopaedic Surgery, University of Malaya Medical Centre,- Med J Malaysia. 2009 Mar;64(1):22-6.
- [Infection in fracture fixation: Can we influence infection rates through implant design?](#)  
*Musculoskeletal infection is one of the most common complications...*21st October, 2009  
AO Research Institute Davos, AO Foundation, Clavadelerstrasse 8, Davos- J Mater Sci Mater Med. 2009 Oct 20. ([DOI Direct Link](#))
- [Evidence for anti-osteoporosis therapy in acute fracture situations-Recommendations of a multidisciplinary workshop of the International Society for Fracture Repair.](#)  
*The International Society for Fracture Repair convened a multidisciplinary...*17th October, 2009  
AO Clinical Priority Program Fracture Fixation in Osteoporotic Bone,- Bone. 2009 Oct 13. ([DOI Direct Link](#))
- [A technique to stabilise the Herbert-Huene jig during scaphoid fracture fixation.](#)  
*The International Society for Fracture Repair convened a multidisciplinary...*17th October, 2009  
Orthopaedic Department, City Hospital, Birmingham, UK.- Ann R Coll Surg Engl. 2009 Oct;91(7):617-25. ([DOI Direct Link](#))

## BioNews Results for Fracture Fixation

- [C1 Lateral Mass-C2 Pedicle Screws and Crosslink Compression Fixation for Unstable Atlas Fracture](#)  
MDLinx: Oct 30 2009 10:17AM Matching: fracture fixation
- [A Biomechanical Comparison of Locked Plate Fixation With Percutaneous Insertion Capability Versus the Angled Blade Plate in a Subtrochanteric Fracture Gap Model](#)  
MDLinx: Oct 12 2009 10:53AM Matching: fracture fixation

## Fracture Fixation Clinical Trials:



- [Safety and Efficacy of the WaisFix100i for Intracapsular Femoral Fracture Fixation](#)

## Fracture Fixation Patents:



- 7309232- [Methods for treating dental conditions using tissue scaffolds](#)
- 7425213- [Method of endosteal nailing](#)
- 7427283- [Surgical fixation device](#)
- 7435232- [Noninvasive tissue assessment](#)
- 7445641- [Biomaterials modified with superoxide dismutase mimics](#)
- 7456213- [PEG-poly\(ortho ester\) graft copolymers and pharmaceutical compositions](#)
- 7479142- [Method of fracture fixation](#)
- 7485119- [Method and apparatus for reducing femoral fractures](#)
- 7488320- [Orthopaedic implant fixation using an in-situ formed anchor](#)
- 7488326- [Combination targeting guide and driver instrument for use in orthopaedic surgical procedures](#)
- 7488328- [Targeting apparatus for bone fixation device](#)
- 7419681- [Method to enhance drug release from a drug-releasing material](#)
- 7417077- [Composition for an injectable bone mineral substitute material](#)
- 7323193- [Method of making demineralized bone particles](#)
- 7326211- [Deployment tool for distal bone anchors with secondary compression](#)
- 7326212- [Bone plates with reference marks](#)
- 7335205- [Implants, device and method for joining tissue parts](#)
- 7341589- [Bone plating system](#)
- 7341590- [Hinged anterior thoracic/lumbar plate](#)
- 7407647- [Organic radiographic contrasting agents for medical devices](#)
- 7410488- [Hindfoot nail](#)
- 7410489- [Internal cord fixation device](#)
- 7410947- [Osteogenic devices and methods of use thereof for repair of endochondral bone and osteochondral defects](#)
- 7494614- [Method of manufacture of porous inorganic structures](#)
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- 7556629- [Method and apparatus for bone fixation with secondary compression](#)
- 7563263- [Intramedullary fixation device for metaphyseal long bone fractures](#)
- 7572298- [Implantable medical devices and methods for making same](#)

- 7578825- [Placement of fasteners into bone](#)
- 7578835- [Apparatus and methods for bone fracture reduction and fixation](#)
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