

Joint

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A joint is the location at which two or more bones make contact. They are constructed to allow movement and provide mechanical support, and are classified structurally and functionally. ([From the Wikipedia article Joint](#).)

Recent Publications on Joint:



- [Microscale and nanoscale surface strain mapping of single asperity wear in ultra high molecular weight polyethylene: Effects of materials, load, and asperity geometry.](#)
Wear of ultra high molecular weight polyethylene (UHMWPE) is a limiting... 21st November, 2009
Department of Biomedical and Chemical Engineering, Syracuse University,- J Biomed Mater Res A. 2009 Nov 19. ([DOI Direct Link](#))
- [Nondestructive evaluation of bone cement and bone cement/metal interface failure.](#)
To quantify the failure mechanisms related to the loosening of cemented... 21st November, 2009
Bioengineering Sciences Research Group, School of Engineering Sciences,- J Biomed Mater Res B Appl Biomater. 2009 Nov 19. ([DOI Direct Link](#))
- [Assessing peri-implant tissue infection prevention in a percutaneous model.](#)
Background: Infection remains the main challenge to percutaneous... 21st November, 2009
Bone and Joint Research Laboratory, Veterans Affairs Health Care System,- J Biomed Mater Res B Appl Biomater. 2009 Nov 19. ([DOI Direct Link](#))
- [Suppression of ERK signaling evokes autocrine Fas-mediated death in arachidonic acid-treated human chronic myeloid leukemia K562 cells.](#)
Arachidonic acid (AA)-induced apoptotic death of K562 cells (human chronic... 21st November, 2009
Institute of Biomedical Sciences, National Sun Yat-Sen University,- J Cell Physiol. 2009 Nov 19. ([DOI Direct Link](#))
- [Combined movement of multi-joint muscles activates a smaller area compared to the sum of areas activated by respective single-joint muscles after restoration of paresis.](#)
Awake surgery provides accurate localization of brain function based on... 21st November, 2009
Department of Neurosurgery, Komagome Metropolitan Hospital, Tokyo, Japan.- Neurocase. 2009 Nov 18:1-7. ([DOI Direct Link](#))
- [Computational model of rib movement and its application in studying the effects of age-related thoracic cage calcification on respiratory system.](#)
A 3D finite element model of rib cage movement is developed and used to... 21st November, 2009
Department of Mechanical, Industrial and Manufacturing Engineering,- Comput Methods Biomech Biomed Engin. 2009 Nov 18:1. ([DOI Direct Link](#))
- [The Prevalence and Pathogenesis of Synovial Cysts Within the Ligamentum Flavum in Patients With Lumbar Spinal Stenosis and Radiculopathy.](#)

- STUDY DESIGN.: A clinicopathologic study of synovial cysts in the...*21st November, 2009
From the *The Adelaide Centre for Spinal Research and Hanson Institute,- Spine (Phila Pa 1976).
2009 Nov 1;34(23):2518-2524. ([DOI Direct Link](#))
- [C1 Lateral Mass-C2 Pedicle Screws and Crosslink Compression Fixation for Unstable Atlas Fracture.](#)
*STUDY DESIGN.: Primary clinical trial of limited fixation for unstable...*21st November, 2009
From the *Orthopedic & Trauma-Surgery Department, East Hospital, Tongji- Spine (Phila Pa 1976).
2009 Nov 1;34(23):2505-2509. ([DOI Direct Link](#))
 - [The Reliability of Computed Tomography and Magnetic Resonance Imaging Grading of Lumbar Facet Arthropathy in Total Disc Replacement Patients.](#)
*STUDY DESIGN.: Prospective inter-rater and intrarater reliability...*21st November, 2009
From the *St. Luke-Roosevelt Hospital Center, New York, NY; and- Spine (Phila Pa 1976). 2009 Nov 1;34(23):E833-E840. ([DOI Direct Link](#))
 - [Nurse-Physician Communication in the Long-Term Care Setting: Perceived Barriers and Impact on Patient Safety.](#)
*PURPOSE:: Clear and complete communication between health care providers...*21st November, 2009
From the *Division of Geriatric Medicine, University of Massachusetts- J Patient Saf. 2009 Sep;5(3):145-152. ([DOI Direct Link](#))
 - [Neuromuscular Control and Exercise-Related Leg Pain in Triathletes.](#)
*ABSTRACT: Previous studies have shown that cycling can directly influence...*21st November, 2009
1Division of Physiotherapy, The University of Queensland, Brisbane,- Med Sci Sports Exerc. 2009 Nov 13. ([DOI Direct Link](#))
 - [Influence of Crank Length and Crank-axle Height on Standing Arm-crank \(grinding\) Power.](#)
*OBJECTIVE:: To determine the optimal crank length and crank-axle height...*21st November, 2009
School of Sport, Exercise & Health Sciences, Loughborough University,- Med Sci Sports Exerc. 2009 Nov 13. ([DOI Direct Link](#))
 - [Spatiotemporal Saliency in Dynamic Scenes.](#)
*A spatiotemporal saliency algorithm based on a center-surround framework...*21st November, 2009
University of California, San Diego, La Jolla.- IEEE Trans Pattern Anal Mach Intell. 2010 Jan;32(1):171-177. ([DOI Direct Link](#))
 - [MR Imaging of Complications of Anterior Cruciate Ligament Graft Reconstruction.](#)
*During the past 3 decades, graft reconstruction of the anterior cruciate...*21st November, 2009
Departments of Radiology and Orthopedic Surgery, NYU Hospital for Joint- Radiographics. 2009 November-December;29(7):2115-2126. ([DOI Direct Link](#))
 - [Sleep-Disordered Breathing in Obese Children Is Associated with Prevalent Excessive Daytime Sleepiness, Inflammation, and Metabolic Abnormalities.](#)
*Background: In obese adults, sleep apnea is associated with excessive...*21st November, 2009
Department of Psychiatry (M.T., E.O.B., S.C., K.S., A.N.V.), Sleep- J Clin Endocrinol Metab. 2009 Nov 19. ([DOI Direct Link](#))

BioNews Results for Joint

- [Joint efforts to control diseases transmitted from animals to humans](#)
Bionity.com: Nov 21 2009 5:26AM Matching: joint
- [ESC and EASD organize Joint Scientific Forum in China to address optimal treatment strategies for diabetes](#)
News-Medical.Net: Nov 21 2009 5:18AM Matching: joint
- [DAVISCO, MEGGLE Announce Joint Venture to Produce Pharmaceutical Lactose](#)
USAgNet: Nov 21 2009 5:12AM Matching: joint
- [Joint Commission's Gold Seal of Approval for Eating Recovery Center](#)
News-Medical.Net: Nov 20 2009 4:56AM Matching: joint

- [Tips from TSE: New accreditation decision: How will this affect 2010 surveys?](#)
HCPPro: Nov 20 2009 4:39PM Matching: joint
- [Arthrosonography: Joints of the back, pelvis and hind limb \(Proceedings\)](#)
Thomson Veterinary Healthcare Communications: Nov 20 2009 12:03PM Matching: joint
- [Medics teach mental health classes in Philippines](#)
Air Force Link: Nov 20 2009 1:18PM Matching: joint
- [Chudleigh Ventures Inc. Announces Increase of its Private Placement to \\$6.1-\\$8.5 Million](#)
Genetic Engineering News: Nov 20 2009 10:24PM Matching: joint
- [Media Myths Cloud Joint Hearings on Pandemic Vaccine](#)
Recombinomics: Nov 20 2009 8:25PM Matching: joint
- [First map of chromosome terminals of higher fungi](#)
Science Daily: Nov 19 2009 7:24PM Matching: joint
- [First Map Of Chromosome Terminals Of Higher Fungi](#)
Red Orbit: Nov 19 2009 6:19PM Matching: joint
- [Public University of Navarre draws up first map of chromosome terminals of higher fungi](#)
EurekAlert!: Nov 19 2009 4:53PM Matching: joint
- [Joint project focuses on finding ways to prevent dementia, including Alzheimer's disease](#)
News-Medical.Net: Nov 19 2009 8:29AM Matching: joint
- [EU blamed for breaking Doha Declaration denying access to cheaper medicines to poor nations](#)
PharmaBiz: Nov 19 2009 4:23AM Matching: joint
- [Progress Made on Mental Health Plan "Vision for Change" to be Reviewed with Minister at Oireachtas Health Committee - Media Release](#)
Tithe An Oireachtas: Nov 18 2009 12:24AM Matching: joint

Joint Patents:



- 7620123- [Receiver for estimating signal magnitude, noise power, and signal-to-noise ratio of received signals](#)
- 7620371- [Transmitter signal strength indicator](#)
- 7620378- [Method and system for frequency up-conversion with modulation embodiments](#)
- 7620404- [Methods and apparatus for organizing and presenting contact information in a mobile communication system](#)
- 7620424- [Method and apparatus for an adaptive multiple-input multiple-output \(MIMO\) wireless communications systems](#)
- 7620451- [Methods and apparatus for pulsed electric field neuromodulation via an intra-to-extravascular approach](#)
- 7620477- [Robotic intelligence kernel](#)
- 7620478- [Control system, method and computer program for synchronizing several robots](#)
- 7620482- [Electricity market-oriented dc-segmentation design and optimal scheduling for electrical power transmission](#)
- 7620493- [System, method and apparatus for providing navigational assistance](#)
- 7620500- [Optimization of crossover points for directed evolution](#)
- 7620314- [Photographing apparatus and method](#)
- 7620261- [Edge adaptive filtering system for reducing artifacts and method](#)

- 7620258- [Extended amplitude coding for clustered transform coefficients](#)
- 7620127- [High availability digital radio architecture](#)
- 7620176- [Adjustable view stand](#)
- 7620181- [Communications system with minimum error cryptographic resynchronization](#)
- 7620187- [Method and apparatus for ad hoc cryptographic key transfer](#)
- 7620190- [Device for actuating a membrane and a vehicle comprising a device for actuating a membrane](#)
- 7620205- [Method for characterizing shape, appearance and motion of an object that is being tracked](#)
- 7620208- [System and method for detecting features from images of vehicles](#)
- 7620226- [Semi-local active contour for a faint region detection in knee CT images](#)
- 7620239- [Color determination device and color determination method](#)
- 7620256- [Method and apparatus for processing images in a layered structure](#)
- 7620502- [Methods for identifying sets of oligonucleotides for use in an in vitro recombination procedure](#)
- 7620503- [Signal processing fault detection system](#)
- 7620647- [Hierarchy global management system and user interface](#)
- 7620732- [Apparatus for and method of setting communication path](#)
- 7620747- [Software based native command queuing](#)
- 7620791- [Mapping memory in a parallel processing environment](#)
- 7620844- [Field-operable, stand-alone apparatus for media recovery and regeneration](#)
- 7620864- [Method and apparatus for controlling access to and/or exit from a portion of scan chain](#)
- 7620877- [Signal decoding methods and apparatus](#)
- 7620880- [LDPC concatenation rules for IEEE 802.11n system with packets length specified in OFDM symbols](#)
- 7620936- [Schema-oriented content management system](#)
- 7620976- [Portable authentication and access control involving multiple identities](#)
- 7620624- [Systems and methods for indexing content for fast and scalable retrieval](#)
- 7620608- [Hierarchical computing modules for performing spatial pattern and temporal sequence recognition](#)
- 7620580- [Method for online account opening](#)
- 7620515- [Integrated circuit with bit error test capability](#)
- 7620521- [Dynamic weight sensing and classification of vehicular occupants](#)
- 7620533- [Method and system for detecting change in data streams](#)
- 7620537- [Distributed communications effects module](#)
- 7620538- [Constructing a translation lexicon from comparable, non-parallel corpora](#)
- 7620559- [System for facilitating medical waste disposal](#)
- 7620560- [Computer-implemented method for grouping medical claims with clinically representative dynamic clean periods](#)
- 7620565- [Customer-based product design module](#)
- 7620568- [Self-checkout system](#)
- 7620573- [Financial accounting methods and systems to account for assets and liabilities](#)
- 7620991- [Optimized network cache for virus scanning by examining the magic bytes of a file](#)

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