Joint Prosthesis

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Recent Publications on Joint Prosthesis:

- [Comminuted intra-articular fractures of the distal humerus in elderly patients]
  *Treatment of comminuted intra-articular fractures of the distal humerus in...*3rd October, 2008
  Departement d'orthopedie-traumatologie, CHU Dupuytren, 2, avenue- Rev Chir Orthop Reparatrice Appar Mot. 2008 Jun;94(4 Suppl):S36-62. Epub (DOI Direct Link)
- [Viscosity determination of synovial fluids from the canine hip and elbow joint as well as the human knee joint]
  *The development of pathological changes in both human and canine hip...*1st October, 2008
  Klinik fur Kleintiere der Stiftung Tierarztliche Hochschule Hannover,- Berl Munch Tierarztl Wochenschr. 2008 Sep-Oct;121(9-10):374-80.
- Seppo Santavirta: the life and work of an orthopaedic surgeon and scientist. A tribute from his friends.
  *Treatment of comminuted intra-articular fractures of the distal humerus in...*27th September, 2008
  University of Helsinki, Helsinki, Finland.- J Am Acad Orthop Surg. 2008;16 Suppl 1:xii-xv.
- 2007 AAOS/NIH osteolysis and implant wear: biological, biomedical engineering, and surgical principles. Introduction.
  *Treatment of comminuted intra-articular fractures of the distal humerus in...*27th September, 2008
  - J Am Acad Orthop Surg. 2008;16 Suppl 1:x-xi.
- How do material properties influence wear and fracture mechanisms?
  *The wear and fracture mechanisms of ultra-high-molecular-weight...*27th September, 2008
  Case Western Reserve University, Cleveland, OH, USA.- J Am Acad Orthop Surg. 2008;16 Suppl 1:S94-100.
- How have new sterilization techniques and new forms of polyethylene influenced wear in total joint replacement?
  *Polyethylene has undergone many changes over the past several decades,...*27th September, 2008
  Department of Orthopedic Surgery, Rush Medical College, Chicago, IL, USA.- J Am Acad Orthop Surg. 2008;16 Suppl 1:S80-5.
- What potential biologic treatments are available for osteolysis?
  *The host response to wear debris particles constitutes a major component...*27th September, 2008
  Department of Orthopaedics, University of Rochester Medical Center,- J Am Acad Orthop Surg. 2008;16 Suppl 1:S72-5.
- What patient and surgical factors contribute to implant wear and osteolysis in total joint arthroplasty?
  *Total joint arthroplasty has been a successful operation for decades. Our...*27th September, 2008
  Johns Hopkins University School of Medicine, Baltimore, MD, USA.- J Am Acad Orthop Surg. 2008;16 Suppl 1:S7-13.

- What experimental approaches (eg, in vivo, in vitro, tissue retrieval) are effective in investigating the biologic effects of particles?
  *Understanding the complex cellular and tissue mechanisms and interactions...*27th September, 2008
  Weill Medical School of Cornell University, Hospital for Special Surgery,- J Am Acad Orthop Surg. 2008;16 Suppl 1:S63-7.
- What other biologic and mechanical factors might contribute to osteolysis?
  *An overwhelming consensus exists that wear particles are the primary...*27th September, 2008
  Department of Orthopaedics, Case Western Reserve University, Cleveland,- J Am Acad Orthop Surg. 2008;16 Suppl 1:S56-62.
- The influence of abutment angulation on micromotion level for immediately loaded dental implants: a 3-D finite element analysis.
  *PURPOSE: To investigate the micromotion between the implant and...*24th September, 2008
  Joint Prosthesis Technology Research Center and Institute of Biomechanical- Int J Oral Maxillofac Implants. 2008 Jul-Aug;23(4):623-30.
- Linked elbow replacement: a salvage procedure for distal humeral nonunion.
  *BACKGROUND: Nonunion is a challenging and not uncommon complication of...*24th September, 2008
  Department of Orthopedic Surgery, Mayo Clinic, 200 First Street S.W.,- J Bone Joint Surg Am. 2008 Sep;90(9):1939-50. (DOI Direct Link)
- Surgical management of advanced osteoarthritis of the temporomandibular joint with metal fossa-eminence hemijoint replacement: 10-year retrospective study.
  *PURPOSE: To evaluate the surgical outcomes and clinical experience of the...*16th September, 2008
  Division of Oral and Maxillofacial Surgery, Department of Surgery, Mayo- J Oral Maxillofac Surg. 2008 Sep;66(9):1847-55. (DOI Direct Link)
- Mechanical characterization of ultra-high molecular weight polyethylene-hydroxyapatite nanocomposites.
  *An experimental study of Ultra-High Molecular Weight Polyethylene (UHMWPE)...*30th August, 2008
  Department of Mechanical Engineering, University of Massachusetts- Biomed Mater Eng. 2008;18(3):149-60.

BioNews Results for Joint Prosthesis

- MultiVu Video Feed: PROSTHESIS COULD SPARE SOME HORSES FROM DEATH
  Montana's News Station: Sep 14 2008 2:14AM Matching: joint prosthesis
- MultiVu Video Feed: PROSTHESIS COULD SPARE SOME HORSES FROM DEATH
  TickerTech.com: Sep 13 2008 7:31AM Matching: joint prosthesis
- MultiVu Video Feed: PROSTHESIS COULD SPARE SOME HORSES FROM DEATH
  KLFY: Sep 13 2008 5:44PM Matching: joint prosthesis
- MultiVu Video Feed: PROSTHESIS COULD SPARE SOME HORSES FROM DEATH
  KSLA: Sep 13 2008 2:09AM Matching: joint prosthesis
- Reverse Total Shoulder Replacements
  East Tennessee Medical News: Sep 3 2008 10:37PM Matching: joint prosthesis

Joint Prosthesis Clinical Trials:

- FDG-PET Imaging in Painful Joint Prosthesis
  Painful Joint Prostheses

Joint Prosthesis Patents:

- 7189409- Bone grafting material, method and implant
- 7258810- In-situ oxidized textured surfaces for prosthetic devices and method of making same
- 7261741- Prosthesis with resorbable collar
- 7273499- Modular trial mechanism
- 7275218- Method, apparatus, and program for analyzing a prosthetic device
- 7278996- Orthopaedic reamer assembly
- 7288113- Titanium incudo-stapedial joint prosthesis
- 7290347- Facet joint prosthesis measurement and implant tools
- 7291177- Method and apparatus for acetabular reconstruction
- 7294131- Bone removal device
- 7255716- Method and instruments for inserting modular implant components
- 7255715- Integrated prosthetic assembly
- 7250061- Method of anchoring a prosthesis structure
- 7190273- Joint endoprosthesis with ambient condition sensing
- 7192449- Constrained acetabular insert for total hip arthroplasty
- 7195645- In vivo joint space measurement device and method
- 7214246- Prosthesis with feature aligned to trabeculae
- 7217271- Orthopaedic reamer driver for minimally invasive surgery
- 7232465- Knee prosthesis
- 7238208- Large taper modular shoulder prosthesis
- 7244274- Joint prosthesis
- 7247170- Elbow prosthesis
- 7297161- Surgically implantable knee prosthesis
- 7297163- Shoulder prosthesis
- 7297165- Joint prostheses
- 7361194- Metallic bearings for joint replacement
- 7364557- Joint coupling for prosthetic brace
- 7371261- Acetabular component of total hip replacement assembly
- 7381223- Dual-tray prosthesis
- 7384648- Implant device with a retinoid for improved biocompatibility
- 7387644- Knee joint prosthesis with a femoral component which links the tibiofemoral axis of rotation with the patellofemoral axis of rotation
- 7393355- Femoral guide and pivoting reamer
- 7399742- Anti-osteolytic therapy involving adiponectin
- 7405305- Pyrrole-2, 5dione derivatives and their used as GSK-3 inhibitors
- 7347874- In vivo joint implant cycle counter
- 7338528- Humeral stem with anatomical location of taper access for fixation of humeral head
- 7338524- Surgically implantable knee prosthesis
- 7297166- Assembly tool for modular implants and associated method

- 7303585- Endoprosthesis for a shoulder joint
- 7320404- Medical packaging
- 7320709- Method and system for mammalian joint resurfacing
- 7321008- Bioabsorbable branched polymers end-capped with diketene acetals
- 7323012- Ankle implant
- 7329260- Kit, guide and method for locating distal femoral resection plane
- 7335205- Implants, device and method for joining tissue parts
- 7335231- Containment system for constraining a prosthetic component
- 7427296- Total knee joint mold and methods

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