

所属：医学部・医学系研究科・附属病院 外科系診療科 整形外科

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カテゴリ) 医学・薬学

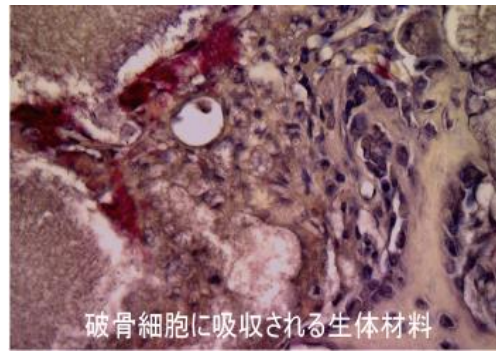
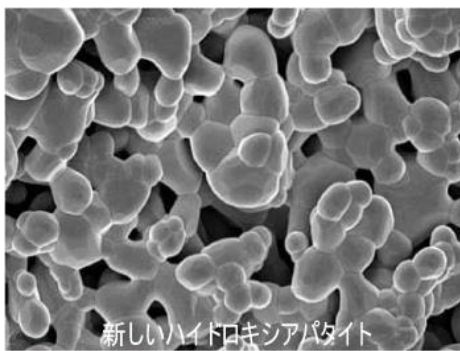
《一言アピール》

研究テーマ

Research Themes

- 生体材料のvivoでの評価
- 人工関節術後や変形性関節症のマーカーを探求
- 人工関節の開発

新しいハイドロキシアパタイト&
破骨細胞に吸収される生体材料
三重大学全学シーズ集HPより



主な保有技術

- ハイドロキシアパタイト
- 人工軟骨
- 変形性関節症
- 炭酸含有アパタイト
- セメントレス人工関節
- 関節マーカー

論文

- Cobalt and Chromium Ion Release after Large-diameter Metal-on-metal Total Hip Arthroplasty (J Arthroplasty 2012)
 - Pseudotumor With Dominant B-Lymphocyte Infiltration After Metal-On-Metal Total Hip Arthroplasty With a Modular Cup (J Arthroplasty 2012)
 - Minimally invasive total knee arthroplasty: comparison of jig-based technique versus computer navigation for clinical and alignment outcome (Knee Surg Sports Traumatol Arthrosc 2011)
 - Thrombin-cleaved Osteopontin Levels in Synovial Fluid Correlate with Disease Severity of Knee Osteoarthritis (J Rheumatol 2011)
 - Thrombin-cleaved osteopontin in synovial fluid of subjects with rheumatoid arthritis (J Rheumatol 2009)
 - Staged bilateral mobile-bearing and fixed-bearing total knee arthroplasty in the same patients: a prospective comparison of a posterior-stabilized prosthesis (Knee Surg Sports Traumatol Arthrosc 2009)
 - Changes to patellar blood flow after minimally invasive total knee arthroplasty (Knee Surg Sports Traumatol Arthrosc 2009)
 - Changes in biochemical markers and prediction of effectiveness of intra-articular hyaluronan in patients with knee osteoarthritis (Osteoarthritis Cartilage 2008)
 - Expression of large tenascin-C splice variants in synovial fluid of patients with rheumatoid arthritis (J Orthop Res 2007)
- (ほか、2ページ目につづく)

関連ホームページ

- 三重大学大学院医学系研究科整形外科学 <http://www.medic.mie-u.ac.jp/seikeigeka/>
- 三重大学教員紹介 <http://kyoin.mie-u.ac.jp/profile/1295.html>

☆詳細は、HPをご覧ください。

論文 つづき

- Alumina ceramic-on-ceramic total hip replacement with a layered acetabular component (J Bone Joint Surg Br 2006)
- Cobalt-chromium head wear following revision hip arthroplasty performed after ceramic fracture—a case report (Acta Orthopaedica 2006)
- Dislocation of posterior-stabilized mobile-bearing knee prosthesis A case report (Knee 2006)
- Tenascin-C levels in pseudosynovial fluid of loose hip prostheses (Scand J Rheumatol 2005)
- High release of antibiotic from a novel hydroxyapatite with bimodal pore size distribution (J Biomed Mater Res Part B Appl Biomater 2004)
- Disassembly of bipolar cup with self-centering system. A report of seven cases (Clin Orthop Relat Res 2004)
- Tenascin-C concentration in synovial fluid correlates with radiographic progression of knee osteoarthritis (J Rheumatol 2004)
- Cell-mediated bioresorption of sintered carbonate apatite in rabbits (J Bone Joint Surg Br 2003)
- Ceramic acetabular liner fracture in total hip arthroplasty with a ceramic sandwich cup (J Arthroplasty 2003)
- Heterotopic ossification around distal femur after total knee arthroplasty (Arch Orthop Trauma Surg 2002)
- Long-term clinical results and radiographic changes in the nonresurfaced (Acta Orthop Scand 2002)
- Poor outcome of 44 cemented total hip arthroplasties with alumina ceramic heads. Clinical evaluation and retrieval analysis after 10-16 years (Acta Orthop Scand 2001)
- Biological performance of a three-dimensional fabric as artificial cartilage in the repair of large osteochondral defects in rabbit (Biomaterials 1999)

所属学会

- 日本整形外科学会(専門医)
- 日本リウマチ学会(専門医、指導医)
- 中部日本整形外科災害外科学会(評議員)
- 日本人工関節学会(評議員)
- 日本関節病学会(評議員)
- Orthopaedic Research Society, International Society of Orthopaedic Surgery and Traumatology

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