

Guest editorial

Self-mixed antibiotic bone cement: western countries learn from developing countries

505 *G H I M Walenkamp*

Original papers

Concepts for increasing gentamicin release from handmade bone cement beads

508 *H N Rasyid, H C van der Mei, H W Frijlink, S Soegijoko, J R van Horn, H J Busscher, and D Neut*

A biodegradable antibiotic delivery system based on poly-(trimethylene carbonate) for the treatment of osteomyelitis

514 *D Neut, O S Kluin, B J Crielgaard, H C van der Mei, H J Busscher, and D W Grijpma*

The hip fracture incidence curve is shifting to the right: A forecast of the age-quake

520 *U Bergström, H Jonsson, Y Gustafson, U Pettersson, H Stenlund, and O Svensson*

Loss of life years after a hip fracture: Effects of age and sex

525 *P Vestergaard, L Rejnmark, and L Mosekilde*

Female patients with low systemic BMD are prone to bone loss in Gruen zone 7 after cementless total hip arthroplasty: A 2-year DXA follow-up of 39 patients

531 *J J Alm, T J Mäkinen, P Lankinen, N Moritz, T Vahlberg, and H T Aro*

Navigated cup implantation in hip arthroplasty: A meta-analysis

538 *J Beckmann, D Stengel, M Tingart, J Götz, J Grifka, and C Lüring*

High failure rate of the Duraloc Constrained Inlay

545 *G Labek, E Brabec, S Frischhut, and M Krismer*

Cement-in-cement stem revision for Vancouver type B periprosthetic femoral fractures after total hip arthroplasty: A 3-year follow-up of 23 cases

548 *T W Briant-Evans, D Veeramootoo, E Tsiridis, and M J Hubble*

Risk of periprosthetic fracture after anterior femoral notching: A 9-year follow-up of 200 total knee arthroplasties

553 *N Gujarathi, A B Putti, R J Abboud, J G B MacLean, A J Espley, and C F Kellett*

No positive effect of autologous platelet gel after total knee arthroplasty: A double-blind randomized controlled trial: 102 patients with a 3-month follow-up

557 *J C Peerbooms, G S de Wolf, J W Colaris, D J Bruijn, and J A N Verhaar*

The Scandinavian ACL registries 2004–2007: baseline epidemiology

563 *L-P Granan, M Forssblad, M Lind, and L Engebretsen*

Dosimetry during intramedullary nailing of the tibia: Patient and occupational exposure

568 *G Kirousis, H Delis, P Megas, E Lambiris, and G Panayiotakis*

A stiff and straight back preoperatively is associated with a good outcome 2 years after lumbar disc surgery: A prospective study of 80 patients

573 *A Lundin, A Magnuson, and O Nilsson*

Do Bankart lesions heal better in shoulders immobilized in external rotation? A randomized single-blind study of 55 patients examined with MRI

579 *S Liavaag, M G Stiris, E S Lindland, M Enger, S Svenningsen, and J I Brox*

Distal radius fractures in children: substantial difference in stability between buckle and greenstick fractures

584 *P-H Randsborg and E A Sivertsen*

Treatment and outcome of giant cell tumors of the pelvis: 20 cases followed for 1 to 11 years

590 *M Balke, A Streitbuenger, T Budny, M Henrichs, G Gosheger, and J Hardes*

A comparison of the effects of ibuprofen and rofecoxib on rabbit fibula osteotomy healing

597 *J P O'Connor, J T Capo, V Tan, J A Cottrell, M B Manigrasso, N Bontempo, and J R Parsons*

Blocking of tumor necrosis factor activity promotes natural repair of osteochondral defects in rabbit knee

606 *A Kawaguchi, H Nakaya, T Okabe, K Tensho, M Nawata, Y Eguchi, Y Imai, K Takaoka, S Wakitani*

Extracorporeal shock waves enhance normal fibroblast proliferation in vitro and activate mRNA expression for TGF- β 1 and for collagen types I and III

612 *L Berta, A Fazzari, A M Ficco, P M Enrica, M G Catalano, and R Frairia*

The effect of bone marrow aspiration strategy on the yield and quality of human mesenchymal stem cells

618 *E M Fennema, A J S Renard, A Leusink, C A van Blitterswijk, and J de Boer*

Case report

MRI in Ribbing disease—a case report

622 *M Gaeta, S Vinci, C Costa, R Oliviero, and S Mazziotti*

Correspondence

Hip resurfacing: expectations and limitations

625 *K De Smet and A Calistri versus P T J Spierings*

Pneumatic wound compression after hip fracture surgery

628 *T Johansson versus A Apelqvist, M Waldén, G-U Larsson, and I Atroshi*

Information to authors

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Supplementum

S 337. *Polyethylene wear analysis: Experimental and clinical studies in total hip replacement* (M Stillings)