

**Editorial**

Bisphosphonate-induced fractures: Nature strikes back?

459 *P Aspenberg*

**Original papers**

A review of the TLICS system: a novel, user-friendly thoracolumbar trauma classification system

461 *J A Rihn, D T Anderson, E Harris, J Lawrence, H Jonsson, J Wilsey, R J Hurlbert, and A R Vaccaro*

Fixed or loose? Dichotomy in RSA data for cemented cups

467 *P Aspenberg, P Wagner, K G Nilsson, and J Ranstam*

Modified pubic osteotomy for medialization of the femoral head in periacetabular osteotomy: A retrospective study of 144 hips

474 *T Teratani, M Naito, K Shiramizu, Y Nakamura, and S Moriyama*

Functional outcome of femoral periprosthetic fracture and revision hip arthroplasty: A matched-pair study from the New Zealand Registry

483 *S W Young, C G Walker, and R P Pitto*

Effect of femoral head size on polyethylene wear and synovitis after total hip arthroplasty: A sonographic and radiographic study of 39 patients

489 *S Tarasevicius, O Robertsson, U Kesteris, R J Kalesinskas, and H Wingstrand*

Changes in bone mineral density (BMD) around the cemented Exeter stem: A prospective study in 18 women with 5 years follow-up

494 *F Damborg, Nis Nissen, H R I Jørgensen, B Abrahamsen, and K Brixen*

Comparison of survival and cost-effectiveness between unicompartmental arthroplasty and total knee arthroplasty in patients with primary osteoarthritis: A follow-up study of 50,493 knee replacements from the Finnish Arthroplasty Register

499 *E Koskinen, A Eskelinen, P Paavolainen, P Pulkkinen, and V Remes*

Opposite cortical fracture in high tibial osteotomy: lateral closing compared to the medial opening-wedge technique

508 *T M van Raaij, R W Brouwer, R de Vlieger, M Reijman, and J A N Verhaar*

Anterior cruciate ligament injury in professional dancers

515 *D E Meuffels and J A N Verhaar*

Comorbidity-related quality of life in anterior cruciate ligament insufficiency: A cross-sectional study involving 282 candidates for arthroscopic reconstruction

519 *V Calvisi, S Lupparelli, B De Vincentiis, and G Zanoli*

Decreasing incidence of tibial shaft fractures between 1998 and 2004: Information based on 10,627 Swedish inpatients

526 *R J Weiss, S M Montgomery, A Ehlin, Z Al Dabbagh, A Stark, and K-Å Jansson*

Intermittent claudication in diabetes mellitus due to chronic exertional compartment syndrome of the leg: An observational study of 17 patients

534 *D Edmundsson, O Svensson, and G Toolanen*

Bridging and non-bridging external fixation in the treatment of unstable fractures of the distal radius: A retrospective study of 588 patients

540 *A J Hayes, P J Duffy, and M M McQueen*

No effect of ketoprofen and meloxicam on bone graft ingrowth: A bone chamber study in goats

548 *H J L van der Heide, G Hannink, P Buma, and B W Schreurs*

Repair of bone segment defects with surface porous fiber-reinforced polymethyl methacrylate (PMMA) composite prosthesis: Histomorphometric incorporation model and characterization by SEM

555 *M P Hautamäki, A J Aho, P Alander, J Rekola, J Gunn, N Strandberg, and P K Vallittu*

**Case reports**

Subtrochanteric displaced insufficiency fracture after long-term alendronate therapy—a case report

565 *A S Sayed-Noor and G O Sjöden*

Detection of anaerobic prosthetic joint infection by PCR and DNA sequencing—a case report

568 *H Holst, N Salling, K Andresen, J Jørgen Christensen, and M Kemp*

**Technical note**

Deformity correction with the Taylor spatial frame after growth arrest of the distal radius: A technical note on 2 cases

571 *D Seybold, J Geßmann, G Muhr, and M Graf*

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S 330. *Adjuvant therapies of bone graft around non-cemented experimental orthopedic implants: Stereological methods and experiments in dogs* (J Baas)