

N	Issue	Paper	Downloads
1	Issue 5/October 2005	Current management. Management of rheumatic diseases in the era of biological anti-rheumatic drugs. YT Kontinen, S Seitsalo, M Lehto and S Santavirta	1 342
2	Issue 6/December 2005	Drugs and fracture repair. P Aspenberg	1 084
3	Issue 5/October 2005	Vertebroplasty and kyphoplasty: New treatment strategies for fractures in the osteoporotic spine. MK Karlsson, R Hasserijs, P Gerdhem, KJ Obrant and A Ohlin	960
4	Issue 1/February 2005	Maternity and bone mineral density. MK Karlsson, HG Ahlberg and C Karlsson	675
5	Issue 2/April 2006	Pharmacological treatment of osteonecrosis. P Aspenberg	669
6	Issue 4/August 2005	Short hospital stay augmented with education and home-based rehabilitation improves function and quality of life after hip replacement. K Siggereidottir, Ö Olafsson, H Jonsson Jr., S Iwarsson, V Gudnason and BY Jonsson	625
7	Issue 1/February 2006	One fracture is enough!: Experience with a prospective and consecutive osteoporosis screening program with 239 fracture patients. J Åstrand, K-G Thorngren and M Tägil	617
8	Issue 1/February 2005	Pseudomonas aeruginosa biofilm formation and slime excretion on antibiotic-loaded bone cement. D Neut, JG Hendriks, JR van Horn, HC van der Mei and HJ Busscher	603
9	Issue 1/February 2006	Health-related quality of life and self-reported ability concerning ADL and IADL after hip fracture: A randomized trial. B Hagsten, O Svensson and A Gardulf	591
10	Issue 4/August 2005	Nonoperative treatment of Achilles tendon rupture. J Ingvar, M Tägil and M Eneroth	551
11	Issue 1/February 2006	High patient satisfaction after arthroscopic subacromial decompression for shoulder impingement: A prospective study of 50 patients. M Bengtsson, K Lunsjö, Y Hermodsson, A Nordqvist and FM Abu-Zidan	550
12	Issue 2/April 2006	Aseptic loosening, not only a question of wear: A review of different theories. M Sundfeldt, LV Carlsson, CB Johansson, P Thomsen and C Gretzer	524
13	Issue 1/February 2005	Total hip arthroplasty for primary osteoarthritis in younger patients in the Finnish arthroplasty register. A Eskelinen, V Remes, I Helenius, P Pulikkinen, J Nevalainen and P Paavolainen	519
14	Issue 1/February 2005	Adductor tenotomy in spastic cerebral palsy. T Terjesen, GD Lie, AA Hyldmo and A Knaus	518
15	Issue 1/February 2006	Adult acquired flexible flatfoot, treated by calcaneo-cuboid distraction arthrodesis, posterior tibial tendon augmentation, and percutaneous Achilles tendon lengthening: A prospective outcome study of 20 patients. A van der Krans, JWK Louwerens and P Anderson	508
16	Issue 1/February 2006	Chronic low back pain in individuals with chronic neck pain of traumatic and non-traumatic origin: A population-based study. M Guez, C Hildingsson, S Nasic and G Toolanen	504
17	Issue 2/April 2006	Compression plating versus intramedullary nailing of humeral shaft fractures—a meta-analysis. M Bhandari, PJ Devereaux, MD McKee and EH Schemitsch	487
18	Issue 1/February 2006	Development of the hip joints in unoperated children with cerebral palsy: A radiographic study of 76 patients. T Terjesen	473
19	Issue 1/February 2005	Hand transplantation. A future clinical option? HD Kvermo, VS Gorantla, RN Gonzalez and WC Breidenbach 3rd	459
20	Issue 6/December 2005	Do non-steroidal anti-inflammatory drugs cause endoprosthetic loosening? A 10-year follow-up of a randomized trial on ibuprofen for prevention of heterotopic ossification after hip arthroplasty. PE Persson, OS Nilsson and A-M Berggren	437
21	Issue 2/April 2006	SF-36 scores in degenerative lumbar spine disorders: Analysis of prospective data from 451 patients. G Zanoli, B Jönsson and B Strömqvist	415
22	Issue 2/April 2005	Hip dysplasia and osteoarthritis. S Jacobsen, S Sonne-Holm, K Søballe, P Gebuhr and B Lund	414
23	Issue 6/December 2005	Retention versus removal of the posterior cruciate ligament in total knee replacement: A systematic literature review within the Cochrane framework. WCH Jacobs, DJ Clement and AB Wymenga	408
24	Issue 4/August 2005	Sequelae from clavicular fractures are common. A prospective study of 222 patients. J Nowak, M Holgersson and S Larsson	406
25	Issue 1/February 2005	Periacetabular osteotomy. F Pogliacomi, A Stark and R Wallenstein	394
26	Issue 5/October 2005	Operative treatment of primary patellar dislocation does not improve medium-term outcome. A 7-year follow-up report and risk analysis of 127 randomized patients. R Nikku, Y Nietosvaara, K Aalto and PE Kallio	393
27	Issue 6/December 2005	Intraarticular lesions in traumatic anterior shoulder instability: A study based on the results of diagnostic imaging. K Takase and K Yamamoto	391
28	Issue 1/February 2006	Uncemented total hip arthroplasty for primary osteoarthritis in young patients: A mid-to long-term follow-up study from the Finnish Arthroplasty Register. A Eskelinen, V Remes, I Helenius, P Pulkkinen, J Nevalainen and P Paavolainen	374
29	Issue 4/August 2005	Diagnostic ultrasound of the shoulder—a method for experts only? S Moosmayer and H-J Smith	372
30	Issue 4/August 2005	Cyclooxygenase-2 inhibitor delays fracture healing in rats. K Endo, K Sairyō, S Komatsubara, T Sasa, H Egawa, T Ogawa, D Yonekura, R-I Murakami and N Yasui	371
31	Issue 1/February 2005	Cytokine profiles in conditioned media from cultured human intervertebral disc tissue. H Li, X Zou, A Baatrup, M Lind and C Bunge	364
32	Issue 5/October 2005	Oxford medial unicompartmental arthroplasty for focal spontaneous osteonecrosis of the knee. AJ Langdown, H Pandit, AJ Price, CAF Dodd, DW Murray, UCG Svärd and CLMH Gibbons	359

33	Issue 2/April 2006	Comparison of the ACL and ACL graft forces before and after ACL reconstruction an in-vitro robotic investigation. G Li, R Papannagari, LE DeFrate, JD Yoo, SE Park and TJ Gill	338
34	Issue 1/February 2005	Bandaging technique after knee replacement. C Charalambides, M Beer, J Melhuish, RJ Williams and AG Cobb	332
35	Issue 1/February 2006	Low metacarpal index predicts hip fracture: A prospective population study of 3,561 subjects with 15 years of follow-up. M Haara, M Heliövaara, O Impivaara, JPA Arokoski, P Manninen, P Kekt, A Kärkkäinen, A Reunanen, A Aromaa and H Kröger	328
36	Issue 4/August 2005	Anatomical reconstruction of malunited talus fractures. S Rammelt, J Winkler, J Heineck and H Zwipp	328
37	Issue 6/December 2005	Total tibial endoprosthesis including ankle joint and knee joint replacement in a patient with Ewing sarcoma. G Gosheger, J Hardes, B Leidingner, C Gebert, H Ahrens, W Winkelmann and C Goetze	327
38	Issue 4/August 2005	Mid-tibial distraction osteogenesis redistributes bone blood flow: A microsphere study in rabbits. H Eckardt, M Lind, KS Christensen, ES Hansen and I Hvid	326
39	Issue 1/February 2005	Higher failure rate and stem migration of an uncemented femoral component in patients with femoral head osteonecrosis than in patients with osteoarthritis. R Radl, M Hungerford, W Materna, P Rehak and R Windhager	324
40	Issue 5/October 2005	Trochleaplasty for patellar instability due to trochlear dysplasia: A minimum 2-year clinical and radiological follow-up of 19 knees. PB Schöttle, SF Fucentese, C Pfirrmann, H Bereiter and J Romero	323
41	Issue 6/December 2005	Postoperative Cox inhibitors and late prosthetic loosening—suspicion increases! P Aspenberg	321
42	Issue 2/April 2006	Treatment of 2- and 3-part fractures of the proximal humerus using external fixation: A retrospective evaluation of 62 patients. C Martin, M Guillen and G Lopez	320
43	Issue 1/February 2005	The Dutch Orthopaedic Association has joined the Nordic Orthopedic Federation. N van Dijk, M Järvinen, A Rydholm, O Svensson and R Wallensten	318
44	Issue 1/February 2005	Comparison of analog and digital preoperative planning in total hip and knee arthroplasties. B The, RL Diercks, PM van Ooijen and JR van Horn	306
45	Issue 5/October 2005	Implantation of perichondrium-derived chondrocytes in physeal defects of rabbit tibiae. WJ Yoo, IH Choi, CY Chung, T-J Cho, I-O Kim and CJ Kim	302
46	Issue 1/February 2006	Forward, fracture fighters! O Svensson	295
47	Issue 1/February 2005	Uncemented Harris-Galante total hip arthroplasty in patients with osteonecrosis of the femoral head. YG Kim, SY Kim, BC Park, PT Kim, JC Ihn and ID Kim	293
48	Issue 4/August 2005	MRI diagnosis of occult hip fractures. F Frihagen, L Nordsetten, R Tariq and JE Madsen	286
49	Issue 2/April 2006	Orthopedic aspects of familial insensitivity to pain due to a novel nerve growth factor beta mutation. J Minde, O Svensson, M Holmberg, G Solders and G Toolanen	284
50	Issue 5/October 2005	Outcome of operatively treated type-C injuries of the pelvic ring. J Lindahl and E Hirvensalo	284
51	Issue 6/December 2005	Children with acute Perthes' disease have asymmetrical lower leg growth and abnormal collagen turnover. PM Crofton, C Macfarlane, B Wardhaugh, MB Ranke, MW Elmlinger, CJH Kelnar and MF Macnicol	281
52	Issue 2/April 2006	Walking pattern in 9 women with hip dysplasia 18 months after periacetabular osteotomy. ENG Pedersen, T Alkjaer, K Søballe and EB Simonsen	277
53	Issue 6/December 2005	Minimally invasive surgical techniques for irreducible supracondylar fractures of the humerus in children. S-W Suh, C-W Oh, VU Shingade, M Keny Swapnil, B-C Park, S-H Lee and H-R Song	276
54	Issue 1/February 2006	Improved aero-anaerobe recovery from infected prosthetic joint samples taken from 72 patients and collected intraoperatively in Rosenow's broth. E Senneville, C Savage, I Nallet, Y Yazadanpanah, F Giraud, H Migaud, L Dubreuil, R Courcol and Y Mouton	275
55	Issue 2/April 2006	Autologous chondrocyte implantation with bone grafting for osteochondral defect due to posttraumatic osteonecrosis of the hip—a case report. P Akimau, A Bhosale, PE Harrison, S Roberts, IW McCall, JB Richardson and BA Ashton	275
56	Issue 6/December 2005	Marked initial displacement predicts complications in physeal fractures of the distal radius: An analysis of fracture characteristics, primary treatment and complications in 109 patients. Y Nietosvaara, C Hasler, I Helenius and P Cundy	275
57	Issue 1/February 2006	Structural allografts for bone stock reconstruction in two-stage revision for infected total hip arthroplasty: Good outcome in 16 of 18 patients followed for 5–14 years. I Nussem and DAF Morgan	274
58	Issue 5/October 2005	An economic analysis of management strategies for closed and open grade I tibial shaft fractures. JW Busse, M Bhandari, S Sprague, AP Johnson-Masotti and A Gafni	272
59	Issue 3/June 2005	Surgical treatment of Achilles tendon rupture. RA Zandbergen, SF de Boer, BA Swierstra, J Day, G-J Kleinrensink and A Beumer	267
60	Issue 2/April 2006	Moxifloxacin superior to vancomycin for treatment of bone infections—a study in rats. T Kalteis, J Beckmann, H-J Schröder, M Handel, J Grifka, N Lehn and K Lerch	264
61	Issue 2/April 2006	Ahlbäck grading of osteoarthritis of the knee: Poor reproducibility and validity based on visual inspection of the joint. J Weidow, C-G Cederlund, J Ranstam and J Kärrholm	262
62	Issue 4/August 2005	Guidelines for standardization of radiostereometry (RSA) of implants. ER Valstar, R Gill, L Ryd, G Flivik, N Börlin and J Kärrholm	259
63	Issue 2/April 2005	The economic cost of low back pain in Sweden in 2001. M Ekman, O Johnell and L Lidgren	256
64	Issue 6/December 2005	Two-stage reconstruction with free vascularized soft tissue transfer and conventional bone graft for infected nonunions of the tibia: 6 patients followed for 1.5 to 5 years. PB Schöttle, CML Werner and CE Dumont	253

65	Issue 1/February 2006	Pravastatin attenuates tourniquet-induced skeletal muscle ischemia reperfusion injury. JP Dillon, AJ Laing, JRS Chandler, JH Wang, A McGuinness and HP Redmond	252
66	Issue 2/April 2006	Revision total hip arthroplasty in juvenile chronic arthritis: 17 revisions in 11 patients followed for 4–12 years. SB Goodman, K-J Oh, S Imrie, K Hwang and M Shegog	252
67	Issue 1/February 2005	Changes in load-bearing area after Ganz periacetabular osteotomy. M de Kleuver	251
68	Issue 6/December 2005	Comparison of distribution, agreement and correlation between the original and modified Merle d'Aubigné-Postel Score and the Harris Hip Score after acetabular fracture treatment: Moderate agreement, high ceiling effect and excellent correlation in 450 patients. S Øvre, L Sandvik, JE Madsen and O Roise	251
69	Issue 6/December 2005	Tranexamic acid reduces blood loss in cemented hip arthroplasty: A randomized, double-blind study of 39 patients with osteoarthritis. RO Niskanen and OL Korkala	250
70	Issue 6/December 2005	The Bernese periacetabular osteotomy: clinical, radiographic and mechanical 7–15-year follow-up of 26 hips. M Kralj, B Mavcic, V Antolic, A Iglc and V Kralj-Iglc	249
71	Issue 1/February 2006	Excellent results with femoral revision surgery using an extensively hydroxyapatite-coated stem: 59 patients followed for 10–16 years. O Reikerås and RB Gunderson	248
72	Issue 6/December 2005	Treatment of sequelae of radial head fractures with a bipolar radial head prosthesis: Good outcome after 1–4 years follow-up in 11 patients. J-M Brinkman, FThG Rahusen, MJ de Vos and D Eygendaal	246
73	Issue 5/October 2005	Immune response and effect of adenovirus-mediated human BMP-2 gene transfer on the repair of segmental tibial bone defects in goats. XL Xu, T Tang, K Dai, Z Zhu, XE Guo, C Yu and J Lou	245
74	Issue 1/February 2006	Mixing bone graft with OP-1 does not improve cup or stem fixation in revision surgery of the hip: 5-year follow-up of 10 acetabular and 11 femoral study cases and 40 control cases. J Kärrholm, P Hourigan, J Timperley and R Razaznejad	244
75	Issue 4/August 2005	Pelvic tilt makes acetabular cup navigation inaccurate. B Lembeck, O Mueller, P Reize and N Wuelker	240
76	Issue 2/April 2005	The influence of ultrasound on the mechanical properties of healing tendons in rabbits. A Larsen, G Kristensen, O Thorlacius-Ussing and H Oxlund	239
77	Issue 3/June 2005	Long-term outcome of a proximal humerus fracture predicted after 1 year. C Olsson, A Nordquist and CJ Petersson	238
78	Issue 5/October 2005	Kinematics before and after reconstruction of the anterior syndesmosis of the ankle: A prospective radiostereomatrix and clinical study in 5 patients. A Beumer, ER Valstar, EH Garling, R Niesling, RP Heijboer, J Ranstam and BA Swierstra	236
79	Issue 1/February 2006	Comparison of the uncemented Cone and the cemented Bimetric hip prosthesis in young patients with osteoarthritis: An RSA, clinical and radiographic study. H Ström, K Kolstad, H Mallmin, B Sahlstedt and J Milbrink	233
80	Issue 4/August 2005	Cross-sectional area of the tendon and the muscle of the biceps brachii in shoulders with rotator cuff tears. A Toshiaki, E Itoi, H Minagawa, N Yamamoto, Y Tuoheti, N Seki, K Okada and Y Shimada	232
81	Issue 1/February 2006	Systemic zoledronate precoating of a bone graft reduces bone resorption during remodeling. M Tägil, P Aspenberg and J Åstrand	231
82	Issue 6/December 2005	Long-term follow-up of 15 patients with non-metastatic Ewing's sarcoma and a skip lesion. TU Jiya and PIJM Wuisman	231
83	Issue 4/August 2005	Pelvic ramus fractures in the elderly: 50 patients studied with MRI. TDA Cosker, A Ghandour, SK Gupta and KJJ Tayton	227
84	Issue 1/February 2006	Benign juvenile hemangioma—a case report. KL Devalia, R Mehta and MG Yagnik	226
85	Issue 1/February 2006	Misconceptions about the mechanical advantages of intramedullary devices for treatment of proximal femur fractures. M Zlowodzki, M Bhandari and GA Brown	225
86	Issue 1/February 2005	Survival of the AGC total knee arthroplasty is similar for arthrosis and rheumatoid arthritis. AK Himanen, E Belt, J Nevalainen, M Hamalainen and MU Lehto	225
87	Issue 1/February 2006	Gap configuration and anteroposterior leg axis after sequential medial ligament release in rotating-platform total knee arthroplasty. C Luring, H Bähis, T Hüfner, C Grauvogel, L Perlick and J Grifka	224
88	Issue 2/April 2005	Total hip arthroplasty in Denmark: Incidence of primary operations and revisions during 1996–2002 and estimated future demands. AB Pedersen, SP Johnsen, S Overgaard, K Søballe, HT Sørensen and U Lucht	224
89	Issue 3/June 2005	Cemented tibial component fixation performs better than cementless fixation. Å Carlsson, A Björkman, J Besjakov and I Önsten	222
90	Issue 4/August 2005	Total hip arthroplasty for primary osteoarthroses in younger patients in the Finnish arthroplasty register. BW Schreurs and JWM Gardeniers versus A Eskelinen, V Remes and P Paavolainen	219
91	Issue 1/February 2005	Young age and wedge stem design are risk factors for periprosthetic fracture after arthroplasty due to hip fracture. R Sarvilinna, H Huhtala and J Pajamäki	216
92	Issue 2/April 2006	Calcium phosphate cement for augmentation did not improve results after internal fixation of displaced femoral neck fractures: A randomized study of 118 patients. P Mattsson and S Larsson	215
93	Issue 2/April 2005	Migration of the acetabular component: Effect of cement pressurization and significance of early radiolucency. G Flivik, J Sanfridsson, R Önnarfält, U Kesteris and L Ryd	214
94	Issue 1/February 2006	Achilles tendon lengthening for ankle equinus deformity in hemophiliacs: 23 patients followed for 1–24 years. T Wallny, H Brackmann, C Kraft, C Nicolay and P Pennekamp	210
95	Issue 1/February 2005	A bleeding pseudoaneurysm of the lateral genicular artery after total knee arthroplasty—A case report. T Pritsch, N Parnes and A Menachem	210
96	Issue 3/June 2005	Tranexamic acid in total hip arthroplasty saves blood and money: A randomized, double-blind study in 100 patients. T Johansson, L-G Pettersson and B Lisander	209
97	Issue 5/October	Seppo Santavirta 1945–2005. YT Kontinen	209

	2005		
98	Issue 2/April 2005	Changed gait pattern in patients with total knee arthroplasty but minimal influence of tibial insert design. T Saari, R Tranberg, R Zügner, J Uvehammer and J Kärrholm	208
99	Issue 1/February 2005	Plasma levels of platelet-derived growth factor BB and transforming growth factor in patients with failed hip prostheses. E Cenni, L Savarino, D Antonioli, A Pellacani, A Giunti and N Baldini	207
100	Issue 4/August 2005	Dynamic compression plates for Vancouver type B periprosthetic femoral fractures: A 3-year follow-up of 18 cases. E Tsiridis, AA Narvani, JA Timperley and GA Gie	207
101	Issue 2/April 2006	Hand-made articulating spacers for infected total knee arthroplasty: A technical note. M Villanueva, A Rios, J Pereiro, F Chana and H Fahandez-Saddi	205
102	Issue 6/December 2005	Lipopolysaccharide impairs fracture healing: An experimental study in rats. O Reikerås, H Shegarfi, JE Wang and SE Utvåg	204
103	Issue 6/December 2005	Removal or retention—will we ever know? The posterior cruciate ligament in total knee replacement. J Kärrholm and T Saari	204
104	Issue 1/February 2006	Socket wall addition device in the treatment of recurrent hip prosthesis dislocation: Good outcome in 12 patients followed for 4.5 (1–9) years. AG Enocson, J Munde and O Svensson	203
105	Issue 2/April 2005	Poor results from the isoelastic total hip replacement. R Trebse, I Milosev, S Kovac, M Mikek and V Pisot	203
106	Issue 4/August 2005	Indomethacin inhibits bone formation in inductive allografts but not in autografts: Studies in rat. P-E Persson, G Sisask and O Nilsson	202
107	Issue 3/June 2005	Poor predictive value of broad-range PCR for the detection of arthroplasty infection in 92 cases. K Panousis, P Grigoris, I Butcher, B Rana, JH Reilly and DL Hamblen	201
108	Issue 2/April 2006	Different loss of BMD using uncemented press-fit and whole polyethylene cups fixed with cement: Repeated DXA studies in 96 hips randomized to 3 types of fixation. G Diga, J Kärrholm and J Thanner	200
109	Issue 2/April 2005	Tibial lengthening and concomitant foot deformity correction in 14 patients with permanent deformity after poliomyelitis. H-R Song, V Myrboh, C-W Oh, S-T Lee and S-H Lee	200
110	Issue 3/June 2005	The undue influence of significant p-values on the perceived importance of study results. M Bhandari, VM Montori and EH Schemitsch	200
111	Issue 6/December 2005	Measurement of bone mineral density is possible with standard radiographs: A study involving total knee replacement. D Hernandez-Vaquero, MA Garcia-Sandoval, JM Fernandez-Carreira, A Suarez-Vásquez and D Perez-Hernández	200
112	Issue 1/February 2006	Acetabular reconstruction with the Burch-Schneider ring: An EBRA analysis of 40 cup revisions. T Ilchmann, JP Gelzer, E Winter and K Weise	198
113	Issue 1/February 2005	Compliance of dutch orthopedic departments with national guidelines on thromboprophylaxis. HB Ettema, MR Hoppener, CP Henny, HR Buller and CC Verheyen	196
114	Issue 4/August 2005	Metal debris from bony resection in knee arthroplasty—is it an issue? Experiments in pigs. PR Gotterson, I Nussem, MJ Percy and RW Crawford	196
115	Issue 2/April 2005	Femoral lengthening over an intramedullary nail using the external fixator. H-R Song, C-W Oh, R Mattoo, B-C Park, S-J Kim, I-H Park, I-H Jeon and J-C Ihn	195
116	Issue 1/February 2005	Toxic serum gentamicin levels after the use of gentamicin-loaded sponges in infected total hip arthroplasty. AJ Swieringa and NJ Tulp	194
117	Issue 2/April 2005	Rotator cuff tears associated with os acromiale. TD Boehm, O Rolf, F Martetschlaeger, W Kenn and F Gohlke	193
118	Issue 4/August 2005	Impaction bone grafting with hydroxyapatite: Increased femoral component stability in experiments using sawbones. T Fujishiro, T Nishikawa, T Nukura, S Takikawa, T Nishiyama, K Mizuno, S Yoshiya and M Kurosaka	193
119	Issue 1/February 2006	The GSB III elbow prosthesis in rheumatoid arthritis: A 2- to 9-year follow-up. C Hjort Jensen, S Jacobsen, M Ratchke and S Sonne-Holm	191
120	Issue 5/October 2005	Biotribology. S Santavirta	190
121	Issue 3/June 2005	P-values in research reports. J Ranstam	189
122	Issue 1/February 2005	No beneficial effects of joint distraction on early microscopical changes in osteoarthrotic knees. FPJG Lafeber, PM van Poermond and ACA Marijnissen. Reply by: B Karadam, V Karatosun, N Murat, S Ozkal and I Gunal	187
123	Issue 3/June 2006	Primary arthroplasty is better than internal fixation of displaced femoral neck fractures: A meta-analysis of 14 randomized studies with 2,289 patients. C Rogmark and O Johnell	184
124	Issue 6/December 2005	Nonoperative treatment of displaced supracondylar fractures in children: Rigault type 2 fractures. G de Coulon, D Ceroni, V de Rosa, JM Pazos and A Kaelin	184
125	Issue 1/February 2006	Deformity of the femoral head following vascular infarct in piglets. SM Rowe, JJ Lee, JY Chung, ES Moon, EK Song and HY Seo	183
126	Issue 2/April 2006	Deformity correction by external fixation and/or intramedullary nailing in hypophosphatemic rickets. H-R Song, S Raju VVJ, S Kumar, S-H Lee, S-W Suh, J-R Kim and J-S Hong	183
127	Issue 2/April 2006	6 weeks with the von Rosen splint is sufficient for treatment of neonatal hip instability. H Lauge-Pedersen, J Gustafsson and G Häggglund	182
128	Issue 5/October 2005	Cement-implant interface gaps explain the poor results of CMW3 for femoral stem fixation. A cadaver study of migration, fatigue and mantle morphology. A Race, MA Miller, MT Clarke and KA Mann	182
129	Issue 6/December 2005	The frontal pelvic plane provides a valid reference system for implantation of the acetabular cup: Spatial orientation of the pelvis in different positions. E Mayr, O Kessler, A Prassl, F Rachbauer, M Krismer and M Nogler	182

130	Issue 2/April 2005	Excellent results from proximally HA-coated femoral stems with a minimum of 6 years follow-up. JHM Goosen, AJ Swieringa, JGM Keet and CCPM Verheyen	181
131	Issue 1/February 2006	Registration completeness in the Norwegian Arthroplasty Register. B Espehaug, O Furnes, LI Havelin, LB Engesaeter, SE Vollset and O Kindseth	180
132	Issue 6/December 2005	Ankle arthrodesis by compression screws in rheumatoid arthritis: Primary nonunion in 9/35 patients. T Anderson, P Maxander, U Rydholm, J Besjakov and A Carlsson	180
133	Issue 2/April 2005	The biceps tendon footprint. R Sistermann	177
134	Issue 4/August 2005	Cortical allograft as a vehicle for antibiotic delivery. E Witso, L Persen, P Benum and K Bergh	177
135	Issue 6/December 2005	All-polyethylene vs. metal-backed tibial component in total knee arthroplasty—a randomized RSA study comparing early fixation of horizontally and completely cemented tibial components: Part 2. Completely cemented components: MB not superior to AP components. H Hyldahl, L Regnér, L Carlsson, J Kärrholm and L Weidenhielm	177
136	Issue 2/April 2006	Effects of bone cement particles on the function of pseudocapsule-derived fibroblasts. SG Sun, BA Ma, Y Zhou, MH Zhang and QY Fan	176
137	Issue 2/April 2005	A reliable DEXA measurement technique for metal-on-metal hip resurfacing. JRD Mrray, NJ Cooke, D Rawlings, JP Holland and AW McCaskie	175
138	Issue 2/April 2005	Total hip arthroplasty in patients with human immunodeficiency virus infection. CR Mahoney, MJ Glesby, EF DiCarlo, MGE Peterson and MP Bostrom	174
139	Issue 4/August 2005	Voluntary dislocation of a total hip arthroplasty with a constrained acetabular component—a case report. H Palm and H Husted	174
140	Issue 2/April 2006	Detection of bony defects around cementless acetabular components in total hip arthroplasty: A DEXA study on 10 human cadavers. MB Laursen, PT Nielsen and K Soballe	172
141	Issue 3/June 2006	Early mortality after elective hip surgery. SA Lie	172
142	Issue 6/December 2005	All-polyethylene vs. metal-backed tibial component in total knee arthroplasty—a randomized RSA study comparing early fixation of horizontally and completely cemented tibial components: Part 1. Horizontally cemented components: AP better fixated than MB. H Hyldahl, L Regnér, L Carlsson, J Kärrholm and L Weidenhielm	171
143	Issue 6/December 2005	Polymethylmethacrylate causes prolonged pulmonary hypertension during fat embolism: A study in sheep. N Aebli, D Schwenke, G Davis, T Hü, J-C Theis and J Krebs	168
144	Issue 3/June 2005	Outcome of periacetabular osteotomy: Joint contact pressure calculation using standing AP radiographs, 12 patients followed for average 2 years. M Armand, J Lepistö, K Tallroth, J Elias and E Chao	167
145	Issue 1/February 2006	Decreasing incidence of hip fracture in the Funen County, Denmark. T Nymark, JM Luaritsen, O Ovesen, ND Röck and B Jeune	165
146	Issue 1/February 2005	Biodegradable X-ray markers of controlled radio-opacity. HP Stallmann, C Faber, HM Plokker and PI Wuisman	164
147	Issue 3/June 2005	UHMWPE wear debris upregulates mononuclear cell proinflammatory gene expression in a novel murine model of intramedullary particle disease. NJ Epstein, WE Bragg, T Ma, J Spanogle, RL Smith and SB Goodman	164
148	Issue 4/August 2005	Cellularity and apoptosis after radiofrequency-induced shrinkage of collagenous tissue: Assessment of postoperative immobilization. P Kümpers, W Pözl, T Heuser, J Steinbeck and T Szuwart	160
149	Issue 6/December 2005	Pseudo-reduction of an acute anterior dislocation of the shoulder—a case report. R Stern, A Brigger and P Hoffmeyer	160
150	Issue 4/August 2005	Tibio-talocalcaneal arthrodesis as a primary procedure using a retrograde intramedullary nail. T Anderson, L Linder, U Rydholm, F Montgomery, J Besjakov and A Carlsson	159
151	Issue 3/June 2005	Histological and ultrastructural changes in the undersurface of the acromion with subacromial impingement. K Takase and K Yamamoto	158
152	Issue 5/October 2005	Controversies in knee surgery. RP Heijboer	156
153	Issue 5/October 2005	Serum total acid phosphatase for monitoring the clinical course of giant cell tumors of bone—26 patients with 5 local recurrences. T Akahane, K Isobe and T Shimizu	154
154	Issue 5/October 2005	Arthroscopically treated intraarticular osteoid osteoma in the ankle—a report of 3 cases. D Banerjee, K Eriksson and H Morris	154
155	Issue 2/April 2006	Mueller reinforcement rings in acetabular revision Outcome in 164 hips followed for 2–17 years. UJ Schlegel, RG Bitsch, M Pritsch, M Clauss, H Mau and SJ Breusch	151
156	Issue 6/December 2005	No beneficial effects of joint distraction on early microscopical changes in osteoarthrotic knees. FPJG Lafeber, PM van Poermond and ACA Marijnissen. Reply by: B Karadam, V Karatosun, N Murat, S Ozkal and I Gunal	150
157	Issue 3/June 2005	Comparison of micromotion in mobile bearing and posterior stabilized total knee prostheses. EH Garling, ER Valstar and RGHH Nelissen	149
158	Issue 6/December 2005	Staged bilateral total hip arthroplasty using rough and smooth surface femoral stems with similar design: 10-year survivorship of 48 cases. SP Datir and CH Wynn-Jones	149
159	Issue 2/April 2006	Larger bone graft size and washing of bone grafts prior to impaction enhances the initial stability of cemented cups: Experiments using a synthetic acetabular model. JJC Arts, N Verdonschot, P Buma and BW Schreurs	148
160	Issue 4/August 2005	Radiostereometric analysis of the double-coated STAR total ankle prosthesis. A Carlsson, P Markusson and M Sundberg	148
161	Issue 2/April	Amount of ulnar resection is a predictive factor for ulnar instability problems after the Sauvé-	147

	2006	Kapandji procedure: A retrospective study of 44 patients followed for 1–13 years. W Daecke, A-K Martini, S Schneider and NA Streich	
162	Issue 3/June 2006	Does cement increase the risk of infection in primary total hip arthroplasty? Revision rates in 56,275 cemented and uncemented primary THAs followed for 0–16 years in the Norwegian Arthroplasty Register. LB Engesaeter, B Espehaug, SA Lie, O Furnes and LI Havelin	145
163	Issue 3/June 2005	Translation and validation of the Dutch version of the Oxford 12-item knee questionnaire for knee arthroplasty. D Haverkamp, SJM Breugem, IN Sierevelt, L Blankevoort and CN van Dijk	144
164	Issue 5/October 2005	Limited influence of prosthetic position on aseptic loosening of elbow replacements. JCT van der Lugt, RB Gekus and PM Rozing	144
165	Issue 2/April 2006	Arthroscopic electrothermal shrinkage of chronic posterolateral elbow instability: Good or moderate outcome in 21 patients followed for an average of 2.5 years. G Spahn, S Kirschbaum, HM Klinger and R Wittig	143
166	Issue 2/April 2005	The “Oxford Heup Score”: The translation and validation of a questionnaire into Dutch to evaluate the results of total hip arthroplasty. T Gosens, NHM Hoefnagels, RCW de Vet, WJA Dhert, EJ van Langelaan, SK Bulstra and RGT Geesink	143
167	Issue 4/August 2005	Poor results after augmenting autograft with xenograft (Surgibone) in hip revision surgery. C Charalambides, M Beer and AJ Cobb	143
168	Issue 6/December 2005	Intrapelvic pin migration after periacetabular reconstruction and arthroplasty of the hip in metastatic pelvic disease—a case report. J Kircher, H-R Dürr and V Jansson	142
169	Issue 1/February 2006	Influence of water and fat content on compressive stiffness properties of impacted morsellized bone: An experimental ex vivo study on bone pellets. L Fosse, H Ronningen, P Berum and RB Sandven	141
170	Issue 3/June 2005	Men with hip fractures have poorer nutritional status and survival than women. P Carpintero, P Lopez, F Leon, M Lluch, M Montero and C Aguilera	141
171	Issue 2/April 2005	One-stage treatment of congenital severely dislocated hips in older children through various acetabuloplasty techniques. M Dogan, M Bozkurt, H Sesen and H Yildirim	140
172	Issue 6/December 2005	Validation of data in the Norwegian Arthroplasty Register and the Norwegian Patient Register : 5,134 primary total hip arthroplasties and revisions operated at a single hospital between 1987 and 2003. AJ Arthursson, O Furnes, B Espehaug, LI Havelin and JA Søreide	138
173	Issue 5/October 2005	Massive ectopic calcification of muscles in the lower leg following femoral artery injury—a case report. KB Poon, S-H Chien, K-B Tsai and G-T Lin	137
174	Issue 4/August 2005	Periprosthetic fractures of the greater trochanter through osteolytic cysts with uncemented MicroStructured Omnifit prosthesis. P-H Hsieh, Y-H Chang, P-C Lee and C-H Shih	136
175	Issue 3/June 2005	Differential phenotypic characteristics of heterogeneous cell population in the rabbit periosteum. I Youn, J-K F Suh, EA Nauman and DG Jones	134
176	Issue 2/April 2006	Second Letter to the Editor concerning “Total hip arthroplasty for primary osteoarthritis in younger patients in the Finnish arthroplasty register” by Eskelinen et al. and correspondence, Acta Orthop 2005; 76: 28-41, 604-607. BW Schreurs and JWM Gardeniers versus A Eskelinen, V Remes and P Paavolainen	133
177	Issue 3/June 2005	High active local levels of vancomycin without nephrotoxicity released from impacted bone allografts in 20 revision hip arthroplasties. MA Buttaro, MI Gimenez, G Greco, L Barcan and F Piccaluga	131
178	Issue 5/October 2005	Direct medical costs of traumatic thoracolumbar spine fractures. N van der Roer, MC de Bruyne, FC Bakker, MW van Tulder and M Boers	131
179	Issue 3/June 2006	Early death following primary total hip arthroplasty: 1,727 procedures with mechanical thromboprophylaxis. A Blom, G Pattison, S Whitehouse, A Taylor and G Bannister	129
180	Issue 1/February 2005	Stable fixation of the ulnar component in the Kudo elbow prosthesis. H Rahme, P Mattsson and S Larsson	128
181	Issue 3/June 2005	Coronal alignment of the lower limb. J-Y Jenny, C Boeri and Ballonzoli	127
182	Issue 6/December 2005	Regional variation in incidence of primary total hip arthroplasties and revisions in Denmark, 1996–2002. AB Pedersen, SP Johnsen, S Overgaard, K Søballe, HT Sørensen and U Lucht	127
183	Issue 3/June 2005	Impaction allografting and the Kerboul acetabular reinforcement device. JV Lunn, SS Kearns, W Quinlan, P Murray and JO Byrne	126
184	Issue 3/June 2006	A simple method to minimize limb-length discrepancy after hip arthroplasty. K Matsuda, S Nakamura and T Matsushita	125
185	Issue 3/June 2005	Conversion of knee fusion to total arthroplasty. D Clemens, P Lereim, I Holm and O Reikerås	123
186	Issue 3/June 2005	Bone morphogenetic protein 13 stimulates cell proliferation and production of collagen in human patellar tendon fibroblasts. YP Wong, SC Fu, YC Cheuk, KM Lee, MWN Wong and KM Chan	121
187	Issue 6/December 2005	Revision in previously satisfied knee arthroplasty patients is the result of their call on the physician, not on pre-planned follow-up: A retrospective study of 181 patients who underwent revision within 2 years. AB Bremander, M Dunbar, K Knutson, IF Petersson and O Robertsson	117
188	Issue 1/February 2006	Weight bearing radiographs are not necessary for measurement of polyethylene penetration in total hip prostheses: A radiostereometric study of 111 patients examined in weight-bearing and supine position. T von Schewelov, I Önsten, P Markusson and Å Carlsson	115
189	Issue 3/June 2006	Hemiarthroplasty in worst cases is better than internal fixation in best cases of displaced femoral neck fractures: A prospective study of 683 patients treated with hemiarthroplasty or internal fixation. K Bjørgul and O Reikerås	115
190	Issue 2/April 2005	Articular cartilage defects in a rabbit model, retention rate of periosteal flap cover. A Åsøen, S Heir, S Löken, FP Reinholt and L Engebretsen	112
191	Issue 6/December 2005	Glucocorticoids suppress proteoglycan production by human tenocytes. M Wan Nar Wong, Y Yin Nei Tang, S Kwong Man Lee and B Sai Chuen Fu	111
192	Issue	Book reviews	110

	1/February 2005		
193	Issue 3/June 2005	Torsional stiffness in healing fractures: influence of ossification. H Mark and B Rydevik	109
194	Issue 3/June 2006	Periacetabular bone changes after uncemented total hip arthroplasty evaluated by quantitative computed tomography. LA Mueller, A Kress, T Nowak, D Pfander, RP Pitto, R Forst and R Schmid	106
195	Issue 6/December 2005	No adverse effects of bone compaction on implant fixation after resorption of compacted bone in dogs. S Kold, O Rahbek, B Zippor and K Soballe	106
196	Issue 3/June 2006	Meralgia paresthetica: A retrospective analysis of 79 patients evaluated and treated according to a standard algorithm. A Haim, T Pritsch, P Ben-Galim and S Dekel	105
197	Issue 3/June 2006	Wrist-bridging versus non-bridging external fixation for displaced distal radius fractures: A randomized assessor-blind clinical trial of 38 patients followed for 1 year. I Atroshi, E Brogren, G-U Larsson, J Kloow, M Hofer and A-M Berggren	104
198	Issue 3/June 2005	Low IGF-I in synovial fluid and serum in patients with aseptic prosthesis loosening. MK Andersson, A Stark, L Anissian, S Mohan and JA Tsai	103
199	Issue 5/October 2005	Gas chromatography-mass spectroscopy analysis of emissions from cement when using ultrasonically driven tools. SB Shewale and RD Briggs	103
200	Issue 6/December 2005	Transitional transverse acetabular fractures: Differences between fractures with a large posterior-superior fragment and the inverse T-fracture—a report of 10 unusual cases. S Øvre, JE Madsen and O Roise	103
201	Issue 3/June 2006	Sequential changes in vessel formation and micro-vascular function during bone repair. N Hansen-Algenstaedt, C Joscheck, L Wolfram, C Schaefer, I Müller, A Böttcher, G Deuretzbacher, L Wiesner, M Leunig, P Algenstaedt and W Rütger	102
202	Issue 3/June 2005	Reaming versus broaching in cemented hip arthroplasty. TT Ioannidis, CD Apostolou, DS Korres, I Papaletos, ND Gandaifis, CN Panagopoulos and PE Agathocleous	97
203	Issue 3/June 2005	Three-dimensional morphological analysis of humeral heads. S Wataru, S Kazuomki, N Yoshikazu, I Hiroaki, Y Takaharu and Y Hideki	97
204	Issue 3/June 2005	Reconstruction of the pelvic ring with an autograft after hindquarter amputation. JAM Bramer and AHM Taminiau	97
205	Issue 3/June 2006	Improved wear performance with crosslinked UHMWPE and zirconia implants in knee simulation. R Tsukamoto, S Chen, T Asano, M Ogino, H Shoji, T Nakamura and IC Clarke	96
206	Issue 2/April 2005	Effect of gamma irradiation on the osteoinductivity of morphogenetic protein extract from reindeer bone. T Pekkarinen, O Hietala, T Jämsä and P Jalovaara	96
207	Issue 2/April 2005	Gross osteolytic tibia tunnel widening with the use of Gore-Tex anterior cruciate ligament prosthesis. O Muren, L Dahlstedt, E Brosjö, M Dahlborn and N Dahllén	95
208	Issue 3/June 2006	The olecranon sled—a new device for fixation of fractures of the olecranon: A mechanical comparison of two fixation methods in cadaver elbows. J Dietrich, FJ Kummer and L Ceder	94
209	Issue 3/June 2005	Superior sealing effect of hydroxyapatite in porous-coated implants. O Rahbek, S Kold, K Bendix, S Overgaard and K Soballe	93
210	Issue 3/June 2006	Indirect patella fractures following ACL reconstruction: A review. GH Tay, SK Warriar and G Marquis	92
211	Issue 6/December 2005	Idiopathic hypertrophy of the first dorsal interosseous and thenar muscles presenting as a tumor in a 12-year-old boy. I Atroshi and P-E Persson	89
212	Issue 5/October 2005	Did the use of crutches in an elderly patient activate a dormant subclavian lymphatic malformation?—a case report. K-C Huang, W-H Hsu, K-F Lee and RW-W Hsu	88
213	Issue 6/December 2005	Long-term results of the Weber operation for chronic ankle instability: 37 patients followed for 20–30 years. JS Vries, PAA Struijs, ELFB Raaymakers and RK Marti	87
214	Issue 3/June 2006	A protocol for angiographic embolization in exsanguinating pelvic trauma: A report on 31 patients. A Tötterman, JB Dormagen, JE Madsen, N-E Klów, NO Skaga and O Roise	84
215	Issue 3/June 2006	Head-at-risk signs in Legg-Calvé-Perthes disease: Poor inter- and intra-observer reliability. MC Forster, S Kumar, RA Rajan, WG Atherton, R Asirvatham and VR Thava	83
216	Issue 3/June 2006	Foot and ankle in rheumatoid arthritis. U Rydholm	83
217	Issue 5/October 2005	Essentials of musculoskeletal imaging. I Björkman-Burtcher and K Jonsson	80
218	Issue 6/December 2005	The cellular origin of cartilage-like tissue after periosteal transplantation of full-thickness articular cartilage defects: An experimental study using transgenic rats expressing green fluorescent protein. R Shinomiya, M Ochi, N Adachi, H Hachisuka, K Natsu and Y Yasunaga	80
219	Issue 3/June 2006	Variation in outcome and ranking of hospitals: An analysis from the Swedish knee arthroplasty register. O Robertsson, J Ranstam and L Lidgren	78
220	Issue 3/June 2006	Periprosthetic proximal bone loss after uncemented hip arthroplasty is related to stem size: DXA measurements in 138 patients followed for 2–7 years. OG Sköldenberg, HSG Bodén, MOF Salemyr, TE Ahl and PY Adolphson	77
221	Issue 3/June 2006	Prediction of torsional failure in 22 cadaver femora with and without simulated subtrochanteric metastatic defects: A CT scan-based finite element analysis. S Spruijt, JC van der Linden, PDS Dijkstra, T Wiggers, M Oudkerk, CJ Snijders, F van Keulen, JAN Verhaar, H Weinans and BA Swierstra	76
222	Issue 3/June 2006	No difference in early cellular response of the pseudo-synovial membrane after total hip arthroplasty: Comparison of 3 combinations of bearing materials. M Nygaard, F Elling, L Bastholm, K Soballe and A Borgwardt	75
223	Issue 3/June 2006	Primary spinal segment stability with a stand-alone cage: In vitro evaluation of a successful goat model. MR Krijnen, D Mensch, JH van Dieen, PI Wuisman and TH Smit	74
224	Issue 3/June	Surgical treatment of achondroplasia with thoracolumbar kyphosis and spinal stenosis—a case report.	74

	2006	J-C Liao, W-J Chen, P-L Lai and L-H Chent	
225	Issue 3/June 2006	Porous-coated cups fixed with screws: A 12-year clinical and radiostereometric follow-up study of 50 hips. SM Röhrli, B Nivbrant, F Snorrason, J Kärrholm and KG Nilsson	70
226	Issue 3/June 2005	Isolated zone III vertical fracture of first sacral vertebra—a case report. A Harma, M Inan and K Ertem	69
227	Issue 3/June 2006	The native femoral sulcus as the guide for the medial/lateral position of the femoral component in knee arthroplasty: Normal patellar tracking in 690/700 knees—a prospective evaluation. F-Y Chiu	68
228	Issue 3/June 2006	Revision total knee arthroplasty with the Total Condylar III system: A comparative analysis of 71 consecutive cases of osteoarthritis or inflammatory arthritis. P-Y Sheng, E Jämsen, M Lehto, J Pajamäki, P Halonen and YT Konttinen	63
229	Issue 4/August 2005	Ralf Loddenkemper prize 2006	63
230	Issue 3/June 2005	Spontaneous correction of angular fracture deformity in the rat. J Li, M Ahmed, E Samnegård, T Ahmad, A Stark and A Kreicbergs	62
231	Issue 2/April 2005	Book reviews	61
232	Issue 6/December 2005	Osteoarticular allograft of the proximal humerus—histopathological study 18 years after implantation. DT Ginat, S Kenan and GC Steiner	61
233	Issue 3/June 2006	Press-fit stability of an osteochondral autograft: Influence of different plug length and perfect depth alignment. NB Kock, JLC van Susante, P Buma, A van Kampen and N Verdonschot	60
234	Issue 3/June 2006	Double plating of unstable proximal tibial fractures using minimally invasive percutaneous osteosynthesis technique. C-W Oh, J-K Oh, H-S Kyung, I-H Jeon, B-C park, W-K Min and P-T Kim	58
235	Issue 3/June 2006	Lipid oxidation may reduce the quality of a fresh-frozen bone allograft. Is the approved storage temperature too high? M Laitinen, R Kivikari and M Hirn	57
236	Issue 3/June 2006	Multiple osteotomies and intramedullary nailing with neck cross-pinning for shepherd's crook deformity in polyostotic fibrous dysplasia: 7 femurs with a minimum of 2 years follow-up. S-T Jung, J-Y Chung, H-Y Seo, B-H Bae and K-Y Lim	54
237	Issue 3/June 2005	Disorders of the patello-femoral joint (4th ed). J Karlsson	50
238	Issue 3/June 2006	Skin protection underneath the pneumatic tourniquet during total knee arthroplasty: A randomized controlled trial of 92 patients. C Olivecrona, J Tidermark, P Hamberg, S Ponzer and C Cederfjäll	48
239	Issue 3/June 2005	Atlas of orthopaedic surgery: A guide to management and practice. I van der Haven	40
240	Issue 2/April 2006	Book reviews	39
241	Issue 3/June 2006	Effects of ligament sectioning on the kinematics of the distal tibiofibular syndesmosis: A radiostereometric study of 10 cadaveric specimens based on presumed trauma mechanisms with suggestions for treatment. A Beumer, ER Valstar, EH Garling, R Niesling, AZ Ginai, J Ranstam and BA Swierstra	37
242	Issue 6/December 2005	Book review. E Roos	23