



## CONTENT

Volume 89 — Number 4 — December 2023

### ORIGINAL STUDIES

Qualitative and quantitative analysis of post-operative drainage: pilot study E. Algrain, B. Ster, P. Nguyen Vo Thanh, L. Fabeck .....	567
Unilateral versus simultaneous bilateral total hip arthroplasty. The Belgian experience G. Beckers, J. Manon, O. Cornu, M. Van Cauter .....	575
Birmingham hip resurfacing: a systematic review of outcomes at minimum 10-years follow-up M.S. Davey, K. Mohan, E. Gavin, F.R. Power, W. Curtin, K. Kaar, C.G. Murphy .....	581
Invasive electrical stimulation in the treatment of avascular osteonecrosis of the femoral head – mid-term results M. Ellenrieder, C. Schulze, A. Ganzlin, S. Zaatreh, R. Bader, W. Mittelmeier .....	587
Evaluation of the native femoral neck and stem version reproducibility using robotic-arm assisted direct-anterior total hip arthroplasty H. Geelen, V. Vanryckeghem, G. Leirs .....	595
Autologous bone plug-sliding with core decompression and bone marrow aspirate concentrate application: a joint-preserving surgical technique for corticosteroid-induced osteonecrosis of femoral head C.D. Davulcu, B. Karaismailoğlu, M.K. Ozsahin, E. Davutluoglu, D. Akbaba, E. Terzi, M.C. Ünlü .....	603
Distal femoral osteotomy for multidirectional malunion using 3D printing technology: a case-report T. Kyriakidis, A. Lucidi, C. Pitsilos, R. Verdonk .....	609
Preoperative infection risk assessment in hip arthroplasty a matched-pair study of the reliability of 3 validated risk scales A. Manzotti, M. Colizzi, D. Brioschi, P. Cerveri, M.M. Larghi, M. Grassi .....	613
Resection of the femoral neck: a new technique for the treatment of mallory type I intra-operative femoral fracture during total hip arthroplasty J.-W. Park, J.-K. Kim, Y.-K. Lee, Y.-C. Ha, K.-K. Koo .....	619
Clinical outcomes of modified direct lateral approach of Hardinge for total hip arthroplasty B. Obada, D.-M. Iliescu, I.-A. Popescu, L.C. Petcu, M.G. Iliescu, V.-A. Georgeanu .....	625
The incidence and management of slipped capital femoral epiphysis: a population-based study L. Ripatti, T. Kauko, V. Kytö, P. Rautava, J. Sipilä, M. Lastikka, I. Helenius .....	634
Observation of the short-term curative effect of using SuperPATH approach to treat elderly femoral neck fractures with schizophrenia L. Mi, Z. Yuan, M. Que, Y. Yang, S. Fang, X. Wang .....	639
Effectiveness and safeties of hemocoagulase and tranexamic acid to reduce perioperative blood loss in intertrochanteric fracture PFNA fixation L. Wang, C. Wang, D. Zhang, W. Wang, F. Wang .....	645
Papineau-irrigation technique: an alternative treatment of fracture-related infectious soft tissue defects M. Boonen, L. Ginckels, G. Tuerlinckx, J. Lammens .....	651

Are C-reactive protein (CRP) and neutrophil to lymphocyte ratio (NLR) predictive markers of successful two-stage prosthetic joint infection management?	M. Ecki, H. Poilvache, M. Randy Buzisa, M. Van Cauter, H. Rodriguez-Villalobos, J.-C. Yombi, O. Cornu	659
Empiric antibiotic treatment for periprosthetic joint infections: a national survey in The Netherlands	R. Scholten, P.M.C. Klein Klouwenberg, J.L.C. Van Susante, M.P. Somford	665
Female representation in orthopedic surgery: where do we stand in Belgium?	C. Meert, J. Manon, O. Cornu	671
Decreasing exposure to thyroid radiation in an orthopaedic theatre setting: an educational intervention	C. Duggan, R. Chopra, C. Taylor	679
Increase in gap index over time after reduction of unstable paediatric both-bone forearm fracture does not cause displacement	N. Doğan, L. Arslan	685
Minimally invasive corrective derotational osteotomy for proximal phalanx malrotation	P. Caekebeke, L. Van Melkebeke, J. Duerinckx	691
Prevalence and clinical implications of heterotopic ossification after distal biceps tendon repair	W. Geuskens, P. Caekebeke, R. Van Riet	695
Surgical vs Non-surgical interventions for distal radius fractures: a quantitative analysis of Patient-Rated Wrist Evaluation measures	S.S. Gill, S.R. Namireddy	701
Is the 'safe zone' identified in preoperative computed tomography helpful for choosing optimal implant for fixation of radial head fracture?	S.B. Ma, S.K. Lee, Y.S. An, H.G. Choi, W.S. Choi	709
Intramedullary nail fixation of fibular fractures in combination with extra-articular distal tibial fractures (AO/OTA 43A): a single-center retrospective study	Y. Xiong, J. Zhang, H. Liu, T. Cai, W. Xu, J. Wu	719
Comparison of gait and sagittal plane arm swing between individuals with adolescent idiopathic scoliosis and healthy individuals	S. Tekin, G. Yagci, S. Topuz, G. Demirkiran	727