

REVIEW ARTICLES

Systematic Review and Meta-analysis: Does Anterior–Posterior Spinal Fusion Still have a Role in Severe Thoracic Adolescent Idiopathic Scoliosis?

L.V. Dwarakanath · M.D. Sewell · E. Leung · T. Knight · M. Jones · G. McKay · M. Newton-Ede · D. Marks · J. Spilsbury · J. Mehta · A. Gardner 167

Medial Patellofemoral Ligament Reconstruction is Preferred to Repair or Reefing for First-Time Patellar Dislocation: A Systematic Review and Meta-analysis

J. Jiang · Z. Yi · J. Li · Y. Liu · Y. Xia · M. Wu 177

Advances of Direct Peripheral Nerve Repair Techniques: Do We Already Have Enough Scientific Evidence?

J. Braga Silva · A.S. Becker · B.L.M. Leal · C.V. Busnello 189

Dual Mobility Total Hip Replacements in Young Patients- A Systematic Review

S. Waseem · D.T.P. Fong · M. Onsa · W. Khan · S. Singh 203

Impact of Chronic Obstructive Pulmonary Disease on Outcomes After Total Joint Arthroplasty: A Meta-analysis and Systematic Review

K.-H. Shin · J.-U. Kim · I.-T. Jang · S.-B. Han · S.-B. Kim 211

Does the Fatty Infiltration Influence the Re-tear Rate and Functional Outcome After Rotator Cuff Repair? A Systematic Review and Meta-analysis

Z. Yang · M. Zhang · T. Liu · B. Zhang · X. Wang · J. Liang · J. Jiang · X. Yun 227

Adhesive Capsulitis of Hip—A Systematic Review of Literature

G. Chellamuthu · S. Sathu · N. Jeyaraman · M. Jeyaraman · M. Khanna 238

ORIGINAL ARTICLES

Role of Percutaneous Screw Fixation in Children with Delayed Presentation and Nonunion of Lateral Condyle Humerus Fractures with Elbow Stiffness

P. Naik · T. Nagda · S. Patwardhan 245

Clinical Results of Surgical Treatment for Comminuted Radial Head and Neck Fracture: Headless Compression Screws Versus Plate Fixation

K. Yano · M. Fukuda · T. Uemura · Y. Kaneshiro · K. Yamanaka · H. Teraura · K. Yamamoto · R. Sasaki · T. Matsuura 253

Fractures of the Proximal Ulna: A Spectrum of Injuries and Outcomes

A.R. Deemer · C.R. Perskin · C.P. Littlefield · J. Drake · A. Ganta · S. Konda · K.A. Egol 262

Pregnancy-Related Sacral Stress Fractures: A Single Center Experience of 23 Cases

A. Çataltape · S. Baş 269

CT and MRI as Diagnostic and Management Decision Tools for First Time Lateral Patellar Dislocations: A Cross-Sectional, Retrospective Study

S. Dekel · I. Eshed · S. Haziza · S. Tenenbaum · R. Thein 277

The Proximity of the Axillary Nerve During Keyhole Tenodesis of the Long Head of the Biceps Tendon: A Cadaveric Study

M.J. Abraham · R.S. Amaravathi · K.B. Tamboowalla · A. Pilar · J. Kany · S.L. Krishnamurthy · P. Sekaran · D.I. Luke 284

The Reliability and Validity of the Lie-to-Sit-to-Stand-to-Walk Transfer (LSSWT) Test in Knee Osteoarthritis

K.S. Kacmaz · B. Unver · V. Karatosun 290

Utilising Immersive Video Technology to improve Medical Student Education in an Operating Theatre Environment

H.S. Shinmar · V. Shah · L. Kurar · I. Reichert · R.S. Ahluwalia 297

Relevance of a Simulation Model to Microvascular Surgery for Military Surgical Residents

A. Ghabi · A. Sabate Ferris · G. Pfister · M.-P. Chapon · J. Legagneux · M. Harion · B. De Geofroy · L. Mathieu 305

Estimation and Comparison of Knee Joint Contact Forces During Heel Contact and Heel Rise Deep Squatting

R. Kothurkar · R. Lekurwale · M. Gad · C.M. Rathod 310

Radiological and Clinical Follow-up of Alpha-D Cervical Disk Prosthesis

M.K. Karadağ · T. Öktenoğlu · A.T. Başak · C. Günerbüyük · M.Y. Akgün · A.L. Aydın · M. Hekimoğlu · D.U. Erbulut · A.F. Özer 319

Does Intra-operative Fluoroscopy Significantly Improve Component Position in a Primary Total Hip Arthroplasty? Our Experience in a Tertiary Care Hospital

M. Shah · A. Vieira · A. Mahajan · L. Agrawal · D. Shah · S. Surme · A. Velankar 325

Dialysis Patients Undergoing Total Hip Arthroplasty have Higher Rates of Morbidity and Mortality and Incur Greater Healthcare Costs: A National Database Study from 367,894 Patients

V. Khanna · V. Sakthivelnathan · T. Senthil · S. Varatharaj · V. Mounasamy · S. Sambandam 336

CASE REPORT

Electromagnetic Navigation Assisted Patient-Personalized Femoral Osteotomy for Acute Correction of Posttraumatic Residual Multiplanar Femoral Deformity with Shortening

D. Erdani · R. Trebše · P. Brumat 344

LETTER TO THE EDITOR

Mobilized Autologous Peripheral Blood Stem Cells are Pluripotent, Safe, and Efficient in Osteoarthritis of the Knee

K.I. Papadopoulos · T. Turajane 349

Further articles can be found at link.springer.com

Abstracted/Indexed in CLOCKSS, CNKI, CNPIEC, Dimensions, EBSCO Discovery Service, EMCare, Google Scholar, Journal Citation Reports/Science Edition, Naver, Norwegian Register for Scientific Journals and Series, OCLC WorldCat Discovery Service, Portico, ProQuest-ExLibris Primo, ProQuest-ExLibris Summon, PubMedCentral, SCImago, SCOPUS, Science Citation Index Expanded (SCIE), TD Net Discovery Service, UGC-CARE List (India)

Instructions for authors for JOIO are available at www.springer.com/43465