

Special Issue on Techniques, Technologies & Team Work in Arthroplasty

EDITORIALS

The Brave New World of Arthroplasty Needs Both 'Deep Learning' and 'Deep Listening'

V. Bagaria · J. Pachore 617

Dawn of Superspeciality in Orthopaedics: Time to Embrace the Change

P. Kandwal · S. Barik · L. Maini 620

REVIEW ARTICLES

"Wearable Sensors to Guide Remote Rehabilitation Following Knee Arthroplasty Surgery"

S.W. King · M. Eltayeb · B.H. van Duren · S. Jain · J. Kerry · H.G. Pandit · J. Palan 624

"Smart Knee Implants: An Overview of Current Technologies and Future Possibilities"

E. Kelmers · A. Szuba · S.W. King · J. Palan · S. Freear · H.G. Pandit · B.H. van Duren 635

Emerging Technologies in Diagnosing Periprosthetic Joint Infections

M.M. Alrayes · M.T. Sukeik 643

ORIGINAL ARTICLES

Patient Perspectives on Artificial Intelligence in Healthcare Decision Making: A Multi-Center Comparative Study

M.W. Parry · J.S. Markowitz · C.M. Nordberg · A. Patel · W.H. Bronson · E.M. DelSole 653

Percutaneous Partial Tenotomy of ITB for Secondary Genu Valgum Developing After Total Hip Arthroplasty in Patients with Crowe Type-Iv Dysplasia

H. Cicek · Ü. Tuhanioğlu · H.U. Ogur · F. Seyfettinoglu · K. Kilicarslan 666

Effect of Hypothyroidism on Complications in Patients Undergoing TKA in Indian Population

V. Ratnakar · S. Pawar · A. Dwivedi · A.B.S. Masilamani · K. Karumuri · A. Reddy 673

Outcomes of Total Hip Replacement for Failed Hemiarthroplasty

N. Rajkumar · D. Soundarrajan · G. Ram · P. Dhanasekararaja · S. Rajasekaran 679

Efficacy of Periarticular Local Infiltrative Analgesic Injection on Postoperative Pain Control and Functional Outcome in Sequential Bilateral Total Knee Replacement: A Prospective Controlled Trial in 120 Consecutive Patients

R. Kulkarni · H. Pawar · S. Panchal · R. Prabhu · S.A. Keny · P.R. Kamble · T.N. Rathod · S.S. Mohanty 689

The Impact of a Dedicated Multidisciplinary Team Approach for Prosthetic Joint Infections of the Lower Limb

J.D. Sires · K. Pham · C.J. Wilson 696

Global Research Trends on Periprosthetic Fractures After Artificial Joint Replacement Between 2000 and 2021: A Bibliometric Analysis and Visualized Study

X. Liang · X. Zhang · Q. Xu · K. Zhang · R. Pang · W. Shi · Z. Li · Q. Wang · H. Li · H. Zhang 703

Introduction of Mini Clinical Evaluation Exercise as an Assessment Tool for M.B.B.S. Interns in the Department of Orthopaedics

P.S. Devaprasad 714

DYNAMIC ARTICLE

Is There a Scope for an Open Source Philosophy in Robotic Joint Replacement?: Why and How to Make Robotic Platforms Common and Universal for All Implants!

V. Bagaria · M. Poduval 718

REVIEW ARTICLES

Augmentation with Fibertape Leads to Biomechanically Superior but Similar Clinical Outcomes in ACL Surgeries: Systematic Review and Meta-analysis

B.S. Raja · M. Arora · A.K.S. Gowda · V.K. Maheshwari · A. Regmi 722

Hyperbaric Oxygen Therapy in Orthopaedics: An Adjunct Therapy with an Emerging Role

M. Jeyaraman · A. Sami · A. Nallakumarasamy · N. Jeyaraman · V.K. Jain 748

ORIGINAL ARTICLES

Hip Joint Instability After Surgery Performed Through the Surgical Dislocation Approach

P. Gourineni · D. Valleri · N. Mungalpara · S. Watkins 762

Posterior Hybrid Technique for the Treatment of Traumatic Cervical Spinal Cord Injury with High Signal Intensity on T2WI

J. Wu · Z. Tao · Y. Tang · C. Wang · J. Ma · T. Lin · X. Zhou 768

Real-Time Navigation with Guide Template for Pedicle Screw Placement Using an Augmented Reality Head-Mounted Device: A Proof-of-Concept Study

H. Li · P. Zhang · G. Wang · H. Liu · X. Yang · G. Wang · Z. Sun 776

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