



EDITORIAL

Acta Orthopaedica Belgica: Entering the Digital Era

Frank Plasschaert 399

REVIEW ARTICLES

Vaping and Orthopaedic Surgery: A scoping review of the literature

Troy B. Puga, W. Scambler, L. Tackett, McKenna W. Box, M. Poffenbarger, John T. Riehl 401

Does metformin administration improve fracture healing? A systematic review of preclinical studies

I. Oesman, A. Feby Canintika, R. Parasmadhan, D. Dwi Suhandri, F. Budhy 411

Masquelet Technique Combined with Platelet-Rich Plasma for Large Infectious Bone Defects: A Narrative Review

Zhipeng Yang, Huanhuan Sun, Zewen Qiao 419

Surgical treatment for medial epicondyle tendinopathy: a systematic literature review

J. Thomas Poolton, J. Minett, A. Kazmi 429

The Clinical Efficacy of Traditional Chinese Medicine Topical Therapy Combined with Sodium Hyaluronate Intra-articular Injection in the Treatment of Patellar Chondromalacia: a systematic review and meta-analysis

Huwei Bian, Chonghao Gu, Cheng Qian, Tao Jiang 439

Lipocalin-2 and Bone Loss: A Brief Review

M. Mohammadi, A. Jalali 447

ORIGINAL CLINICAL RESEARCH

HIP AND ARTHROPLASTY

Elective total hip arthroplasty stratified by surgical approach: how does the risk of dislocation relate to bearing size, type, and implant fixation?

Peter H.J. Cnudde, Jonatan Nåtman, Ola Rolfson, Nils P. Hailer 453

Frailty as a Predictor of Low-Energy Fractures in Older People with Osteoporosis: A Retrospective Study

Weiqun Wang, Longdi Liu, Zhongyan Jiang, Cheng Bi, Lipei Bao, Xuyan Li, Qin Shuai, Chong Wang .. 463

Endoscopic treatment for greater trochanteric pain syndrome: one-year outcomes and comorbidity impact

P. Velasco, R. Seijas, M. Vázquez, P. Laiz, A. Ferré-Aniorte, R. Cugat 473

SHOULDER AND ELBOW

Critical shoulder angle does not correlate with patient outcomes after arthroscopic rotator cuff repair

M. López-Franco, E. Serrano Gil, D. García García 479

SPINE

Unilateral biportal endoscopy versus anterior cervical discectomy and fusion for cervical radiculopathy: a meta-analysis

T. M. da Silva, M. A. Negreli, R. C. D. de Souza, S. B. Guazelli, A. M. Miranda 487

TRAUMA AND INFECTION

The Effect of Fasciotomy Timing on Limb Vitality and Functionality in Kahramanmaras Turkey Earthquake

O. Kilinc, F. Gunaydin, B. Sakarya, I. Demirtas, B. Aslan 495

Does the use of parameters derived from complete blood count increase the accuracy of septic arthritis diagnosis in adult patients?

N. Ayoglua, B. Karaismailoglua, E. Davutluoglua, O. Aydingoza, G. U. Degera, E. Taskina, M. F. Guvena, H. Botanlioglua 503

ORTHOPAEDIC ONCOLOGY

Evaluation Of Comfort And User-Friendliness Of Immobilizing Internal Rotation-Adduction Shoulder Braces

A. Murali, C. K. Krishnan, A. Karnawat, K. Narayanaswamy, A. Bary, S. S. Krishnamurthy, K. R. Suresh, A. Raja 513

EXPERIMENTAL AND BASIC SCIENE RESEARCH

Experimental Research on Role of Traction Tension Affecting Wound Healing during Skin Traction Technique Performed on Pigs Specimen as Animal Models

Israil Nadaph, Meng Chong, Xuejian Wu 523

The effect of teriparatide on fracture union in rats with chronic kidney disease

E. Ajdin, H. Can Olke, E. Tuba Canpolat, A. Purbager, S. Beyaz 531

TECHNICAL AND DIAGNOSTIC STUDIES

Utilizing the Laser Aiming of Image Intensifier Reduces the Exposed Radiation During Operation: A Prospective Analysis

S. Gurbuz, A. Cagri Tekin, E. Tasatan, M. Bugra Ayaz, M. Kursad Bayraktar, E. Tekin 539

The IDO-Isometer: a valuable alternative for measuring the strength of external rotation of the shoulder: a comparative study between two measurement devices

J. Dufour, D. Vandenbosch, A. Karelse, L. De Wilde, A. Van Tongel 547

Challenges in identifying the underlying cause of extensive osteonecrosis: an illustrative example and clinical guide

I. M. Dorling, M. A. M. Vesseur, H. D. Veldman, Ni. J. H. M. in den Kleef 553

CASE REPORTS

Vaping and Orthopaedic Surgery: A scoping review of the literature

O. Aykut Yildiz, U. Eyupoglu, A. Said Dogruyol, M. Memisoglu, M. Sinan Engin 563

Severe Wear and Metal Poisoning in Revision Surgery after Ceramic Fracture Treated with Dual Mobility Prosthesis

J. E. Garcia-Rellan, I. Subias Lopez, E. Guillen Botaya, A. Silvestre Muñoz 567

Epithelioid Hemangioendothelioma of the Right Iliac Wing in a Young Adult Male: A Case Report

M. Wahyudi, E. Kodrat, M. Iskandar, A. Rahadyan 577

Tenosynovial Giant Cell Tumor masked as de Quervain Tenosynovitis

Q. Diegenant, R. Sciot, I. Degreeef 583