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In this issue

Research Article

Open Access Research Article PTZAID:OJOR-6-140

Association of different Demographic characteristics with Hip Osteoarthritis patients attending the different Hospitals across the Karachi and Quetta

Published On: September 08, 2021 | Pages: 062 - 066

Author(s): Aadil Ameer Ali*, Natasha Bhutto, Shahmeer Chandio, Shoaib Waqas, Ali Raza Khoso, Muhammad Rafique, Muhammad Ismail and Shanza Iqbal

Hip osteoarthritis (OA) is the most frequent and common among all degenerative joint disorders and affecting huge number of individuals. Older females and low income people are more likely to develop Hip OA. A cross sectional survey was conducted in different hospitals of Karachi & Quetta, Pakistan from July to September 2019. A self-constructed proforma was used amon ...

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Open Access Research Article PTZAID:OJOR-6-139

IV. Bisphosphonates promote healing of complicated stress fractures in the foot

Published On: July 16, 2021 | Pages: 057 - 061

Author(s): E Fink-Eriksen*, T Ianssen and EE Husebye

Delayed healing of stress fractures constitutes a significant clinical problem causing pain and disability for the patients affected. The vast majority heal after immobilization of the extremity affected, but a certain small number of patients display delayed union despite standard treatment, resulting in prolonged disability and usually end up needing orthopedic proc ...

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Open Access Research Article PTZAID:OJOR-6-137

Biomechanical assessment in HAV treatment

Published On: June 02, 2021 | Pages: 042 - 045

Author(s): Ma Ángeles Rodríguez Personat*, Fernando Chacón Giráldez, Lidia Carvajal Moreno and Ana Juana Pérez Belloso

Hallux Abductus Valgus (HAV) is a pathology that affects the first metatarsophalangeal joint, in which there is a medial displacement of the metatarsal and a lateral deviation of the hallux, causing joint dysfunction and disability in the patient. There are two types of treatments for this condition (conservative and surgical), and both require an exhaustive biomechan ...

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Total vertebrectomy through posterior approach for thoracic tumors

Published On: May 17, 2021 | Pages: 030 - 036

Author(s): Jefferson Soares Leal*, Rogério Lúcio Chaves de Resende, Daniel Ferreira Ghedini, Leandro Vinícius Vital, Haroldo Oliveira de Freitas Júnior and Luiz Eduardo Moreira Teixeira

Objective: To demonstrate the benefits and complications of the single posterior approach through bilateral costotransversectomy in the treatment of neoplastic disease of the thoracic spine. Methods: Twelve consecutive patients with thoracic spine tumors, who underwent single posterior approach with bilateral costotransversectomies were reviewed. Through posterior ex ...

Abstract View | Full Article View | DOI: 10.17352/ojor.000035

Open Access Research Article PTZAID:OJOR-6-134

Uncovering secrets of the beauty bone: A comprehensive review of anatomy and regional anesthesia techniques of clavicle surgeries

Published On: April 10, 2021 | Pages: 019 - 029

Author(s): Kartik Sonawane*, Hrudini Dixit, J.Balavenkatasubramanian and Palanichamy Gurumoorthi

The clavicle is the most frequently fractured bone in humans. General anesthesia with or without Regional Anesthesia (RA) is most frequently used for clavicle surgeries due to its complex innervation. Many RA techniques, alone or in combination, have been used for clavicle surgeries. These include interscalene block, cervical plexus (superficial and deep) blocks, SCUT ...

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Open Access Research Article PTZAID:OJOR-6-133

Functional progression in post-osteoporotic fracture: A case study

Published On: March 17, 2021 | Pages: 016 - 018

Author(s): Sérgio Caseiro, Paula Rocha, Isabel Neves, Carlos Pontinha, Ana Rita Batista, Gina Monteiro, Luís Matos*, Filipe Cunha Santos, Ana Sofia Pinto, Sara Paiva Dinis, Joana Ferreira and Cláudia Vaz

Introduction: Osteoporosis is characterized by a loss of bone mass along with alterations in its structure, with subsequent increase in bone fragility and susceptibility to fractures, ultimately reinforcing the importance of its prevention by the reduction of the risk of falling. In this paper we propose to analyze the functional progression of a patient, integrated ...

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A review on finite element analysis of the anterior cruciate ligament reconstruction

Published On: January 04, 2021 | Pages: 001 - 011

Author(s): Simões, O. J., Ramos, A., Oliveira, J. P., Noronha, J. C., Simões*, J. A

A significant number of papers relatively to the investigation made on Anterior Cruciate Ligament (ACL) Reconstruction (ACLR) has been published in orthopaedic related journals. Finite Element (FE) Analysis (FEA) has been used to predict the performance of biomechanical-biomedical systems as well as the effect of clinical factors on the ACLR success. This research too ...

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Review Article

Open Access Review Article PTZAID:OJOR-6-141

Evaluation of the SARS-CoV-2 infection rate in patients undergoing Total Hip Arthroplasty by the Anterior Approach using a Rapid Recovery Protocol during a COVID-19 pandemic in a Public Hospital in the State of São Paulo

Published On: September 23, 2021 | Pages: 067 - 072

Author(s): Marco Aurélio Silvério Neves, Victor Edmond Seid, Leandro Gregorut Lima, Gustavo Rocha Santos, Dimas Vicente Terra

Santos, Bruno da Silva Ivo, Ivan Espuri and Barbara Fialho Carvalho Sampaio*

The World Health Organization (WHO) declared, on January 30, 2020, that the outbreak of the disease caused by the new Coronavirus (COVID-19) constitutes a Public Health Emergency of International Importance - the highest level of alert of the Organization, as provided for in the International Health Regulations. On March 11, 2020, COVID-19 was characterized by the WHO ...

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Open Access Review Article PTZAID:OJOR-6-138

Anatomical and Technical Considerations of "Dual Subsartorial Block" (DSB), A Novel Motor-sparing Regional Analgesia Technique for Total Knee Arthroplasty

Published On: July 01, 2021 | Pages: 046 - 056

Author(s): Kartik Sonawane*, Hrudini Dixit, Tuhin Mistry and J. Balavenkatasubramanian

Background: The modernization of arthroplasty has paved the way for the resurgence of ultrasound-guided regional analgesia (RA) techniques. The evolution of newer RA techniques aids in reducing postoperative pain considerably as well as facilitates early ambulation and discharge. “Dual Subsartorial Block (DSB)” is recently described as a novel procedure-specific, moto ...

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Case Report

Open Access Case Report PTZAID:OJOR-6-132

Complex Regional Pain Syndrome Type 1 Produced by Hematoma Formation after Blood Donation: A Case Report

Published On: February 02, 2021 | Pages: 012 - 015

Author(s): Cheng-Chiang Chang and Shin-Tsu Chang*

The occurrence of hematoma and bruise formation, accounting for the majority of donation-related complications in the arm, rarely results in Complex Regional Pain Syndrome (CRPS). We report a 24-year-old man who presented with CRPS on his right upper limb two months later due to hematoma and bruising formation just after a blood donation following with immediate perfo ...

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Open Access Case Study PTZAID:OJOR-6-136

Total Hip Arthroplasty the best Intervention for Femur-neck fractures

Published On: May 17, 2021 | Pages: 037 - 041

Author(s): Priya Pralhad Desai and Suresh Kishanrao*

Fracture neck of femur is a common event in elderly people in India. Total Hip Arthroplasty (THA) has established as the better choice of surgical intervention. There are two major surgical approaches for performing a total hip replacement 1) the posterior approach 2) the anterior approach. The posterior approach to total hip replacement is the most used method and al ...

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