

Malaysian Orthopaedic Journal

ASEAN Edition

Also known as
ASEAN Orthopaedic Journal

Vol 15 No 1, March 2021

Official Journal of Malaysian Orthopaedic Association and ASEAN Orthopaedic Association

CHIEF EDITOR

Saw Aik

DEPUTY EDITOR

Sharaf Ibrahim

EDITORIAL BOARD

Abdul Hamid Abdul Kadir
Abdul Nawfar Sadagatullah
Abdul Razak Sulaiman
Aree Tanavalee
Awang Bulgiba
Azlina Amir Abbas
Chris Chan Yin Wei
Edward HM Wang
Emmanuel Pantaleon Estrella
Francis Wong Keng Lin
Ifran Saleh
Ismail Hadisoebroto Dilogo
Joyce Koh Suang Bee
Kamarul Ariffin Khalid
Maung Mg Htwe
Mohamed Razif Mohamed Ali
Mohammad Anwar Hau Abdullah
Mohd Imran Yusof
Nor Hazla Mohamed Haflah
Nazri Mohd Yusof
Ng Kwan Hoong
Shalimar Abdullah
Sharifah Roohi Syed Waseem Ahmad
Srijit Das
Thanainit Chotanaphuti
Tunku Kamarul Zaman Tunku Zainol Abidin
Tunku Sara Ahmad
Vivek Ajit Singh
Wan Faisham Nu'man Wan Ismail

COPY EDITOR

Chan Yoo Kuen
Gracie Ong Siok Yan
Marzida Mansor

Nor'azim Mohd Yunos

Rafidah Atan

Ramani Vijayan Sannasi

Roshan Gunalan

ASEAN REGIONAL EDITORIAL BOARD

Howe Tet Sen (Singapore)
James Hui (Singapore)
Ketan Pande (Brunei)
Luthfi Gatam (Indonesia)
Myint Thaug (Myanmar)
Nathaniel Orillaza (Philippines)
Nguyen Le Bao Tien (Vietnam)
Saranatra Waikakul (Thailand)
Vo Van Thanh (Vietnam)

INTERNATIONAL ADVISORY BOARD

Aziz Nather (Singapore)
Benjamin Joseph (India)
Christopher Mow (USA)
Kaye E Wilkins (USA)
Ken N Kuo (USA)
Lee Eng Hin (Singapore)
Wilfred Peh (Singapore)

EDITORIAL SECRETARY

Ain Syuhada Kalip

EDITORIAL ASSISTANT

Nursyafeira Nabella Shofian

ADMINISTRATION SECRETARY

Uma Sundaram

MOJ WEBMASTER

Teng Kim Teck

PUBLISHER

Malaysian Orthopaedic Association

Secretariat

Malaysian Orthopaedic Association

Unit 2-6, Level 2, Enterprise 3B, Technology Park Malaysia (TPM), Jalan Inovasi 1,

Lebuhraya Puchong-Sg. Besi, 57000 Bukit Jalil, Kuala Lumpur

Tel: +603 8996 6300 Fax: +603 8996 6400

Email: morthoj@gmail.com Website: www.morthoj.org/

KDN No : PP 15451/06/2013(032812)

Printed by: Digital Perspective Sdn. Bhd.

42-1, Level 1, Plaza Sinar, Taman Sri Sinar, 51200 Kuala Lumpur.

Tel: +603 6272 3767 Email: dpskl@gmail.com

REVIEW ARTICLE

- Fat Embolism Syndrome: A Qualitative Review of its Incidence, Presentation, Pathogenesis and Management 1
Timon C, Keady C, Murphy CG

SPECIAL ARTICLES

- Lessons Learned: Patient Communication During the Pandemic 12
Wang EHM, Real I, David-Wang A, Rubio DA, Gaston CL, Quintos AJ, Dimayuga C, Dacanay E
- Coordinating a Postgraduate Orthopaedic Exam During the COVID-19 Pandemic 16
Mohamed-Hafiah NH, Abdullah S, Abdul-Rani R

ORIGINAL STUDY

- Prevalence and Pattern of Musculoskeletal Injuries Among Malaysian Hockey League Players 21
Manaf H, Justine M, Hassan N
- Role of Primary Autologous Bone Graft at Docking Site in the Treatment of Infected Non-union Tibia Using Rail Fixation System 27
Mudiganty S, Austine J
- Validity and Reliability of the Malay Version of the Identification of Functional Ankle Instability (IdFAI-M) Questionnaire among Malaysian University Athletes 32
Omar MK, Abdul-Karim S
- Prognostic Factors in Recurrent Congenital Muscular Torticollis 43
Chotigavanichaya C, Phongprapapan P, Wongcharoenwatana J, Eamsobhana P, Ariyawatkul T, Kaewpornsawan K
- Evaluation of Functional Outcome Following Hybrid External Fixation in The Management of Schatzkers Type V and VI Tibial Plateau Fractures - A Prospective Study of 30 Patients 48
Subash Y
- Impact of COVID-19 on Clinical Practices during Lockdown: A pan India Survey of Orthopaedic Surgeons 55
Jain VK, Upadhyaya GK, Iyengar KP, Patralekh MK, Lal H, Vaishya R
- Femoral Stem Subsidence and its Associated Factors after Cementless Bipolar Hemiarthroplasty in Geriatric Patients 63
Gema A, Irianto KA, Setiawati R
- Orthopaedic Practices and Surgeries during COVID-19 in Pakistan - A Survey Based Study 72
Saad-Ilyas M, Zehra U, Khan UU, Mohammad I, Muhammad R, Aziz A
- Reliability of Imageless Computer-Assisted Navigation for Femoral Rotational Alignment in Total Knee Arthroplasty 79
Leelasestaporn C, Thuwapitchayanant M, Sirithanapipat P, Sa-ngasoongsong P, Ruengsilswit P

CONTENTS	Page
Predictors of Functional Outcome in Unstable Ankle Fractures Treated Surgically – A Prospective Cohort Study <i>Balaji G, Bhukya R, Nema S, Rajeswari M, Vellaipandi V</i>	85
Assessment of Extra-Cortical Bone Bridge Interface in Cemented Mega Endoprosthesis for Limb Salvage Surgery <i>Murugan K, Faisham WI, Zulmi W</i>	93
COVID-19 – Changes in Workload and Clinical Practice in Trauma and Orthopaedics in a District General Hospital in the United Kingdom <i>Faria G, Virani S, Tadros BJ, Dhinsa BS, Reddy G, Relwani J</i>	100
Can Paediatric Femoral Fracture Hip Spica Application be Done in the Outpatient Setting? <i>Yap ST, Lee NKL, Ang ML, Chui RW, Lim KBL, Arjandas M, Wong KPL</i>	105
Bowling: Occupational Hazards of the Wrist and Hand in Elite Tenpin Bowlers <i>Lee YJ, Harmony TCY, Jamal-Azmi IS, Gunasagaran J, Ahmad TS</i>	113
Early Experience of Reverse Total Shoulder Arthroplasty in a Public Hospital in Malaysia <i>Sam CX, Anwar AZ, Ahmad AR, Solayar GN</i>	119
 CASE REPORTS	
Complete Pectoralis Major Tendon Rupture in a Calisthenics Athlete: A Case Report <i>Choo CH, Ng WN</i>	124
Incarcerated Cannulated Cancellous Screw Removal during Total Hip Arthroplasty with a Novel Trick: A Case Report <i>Tomar L, Govil G, Dhawan P</i>	128
Subcapital Femoral Neck Tension Stress Fracture - A Rare Injury in A Child: A Case Report <i>Hayyun MF, Jamil K, Abd-Rashid AH, Ibrahim S</i>	132
Subacute Post-Traumatic Ascending Myelopathy (SPAM) in a Spinal Cord Injured Patient - a Rare Presentation: A Case Report <i>Kassim NK, Hanafi MH, Ibrahim AH, Hasnan N</i>	135
More Evidence for Teriparatide after Fixation of Atypical Femoral Fractures: Report of Four Cases <i>Lee WC, Chua THI</i>	138

CONTENTS	Page
LETTER TO THE EDITOR	
CT-guided Percutaneous Drainage of Intra-spinal Haematoma as an Alternative to Surgical Evacuation <i>Peh WCG</i>	141
Use of Digital Technology for Education: The Future of Collaborative Learning <i>Lai SHS, Tang CQY</i>	142
Osteomyelitis: An Uncommon Complication of BCG Vaccination <i>Pancharatnam D, Yong SM, Tan SC</i>	144
BOOK REVIEW	146
ORTHOPAEDIC CLINICAL QUIZ	147
ANSWER TO ORTHOPAEDIC CLINICAL QUIZ	149
INSTRUCTIONS FOR AUTHORS	150
FUTURE EVENTS	152
EXECUTIVE COMMITTEE OF ASEAN ORTHOPAEDIC ASSOCIATION	153
PANEL OF REVIEWERS	154
ERRATA	156