

Volume 14 No. 1
April 2025
e-ISSN: 2460-8742
p-ISSN: 2722-712X



RSUD Dr. SOETOMO
BUILD TRUST



JOINTS

JOURNAL ORTHOPAEDI AND TRAUMATOLOGY SURABAYA



Departement Orthopaedic & Traumatology
Faculty of Medicine Airlangga University - Dr. Soetomo General Hospital Surabaya

EDITORIAL TEAM

Volume 14 No.1 2025

EDITOR-IN-CHIEF

Lukas Widhiyanto, M.D. Ph.D, Universitas Airlangga, Surabaya, Indonesia

INTERNATIONAL EDITORIAL BOARDS

Prof. Rob G.H.H. Nelissen, Leiden University Medical Center, Leiden, The Netherlands

Prof. Sharaf Ibrahim, Hospital Universiti Kebangsaan Malaysia, Bandar Tun Razak Kuala Lumpur, Malaysia

Prof Wan Faisham Wan Ismail, School of Medical Sciences, Universiti Sains Malaysia, Penang, Malaysia

Prof. Nicolaas C. Budhiparama, M.D., Ph.D, Leiden University Medical Center, Leiden, The Netherlands

Prof. Gilson Khang, Department of Polymer Science and Engineering, Chonbuk National University, Duckjin Dong, South Korea

Alvin Pun, M.D., Department of Orthopaedic Surgery, Austin Health, Melbourne, Australia

NATIONAL EDITORIAL BOARDS

Prof. Fedik Abdul Rantam, Stem Cell Research and Development Center, Universitas Airlangga, Surabaya, Indonesia

Ahmad Jabir Rahyussalim, M.D., Ph.D, Universitas Indonesia, Jakarta, Indonesia

Damayanti Tinduh, M.D., Ph.D, Universitas Airlangga, Surabaya, Indonesia

Phedy, M.D., Ph.D, Fatmawati Central General Hospital, Jakarta, Indonesia

ASSOCIATE EDITORS

Aries Rakhmat Hidayat, M.D., Universitas Airlangga, Surabaya, Indonesia

Kukuh Dwiputra Hernurgrahanto, M.D., Universitas Airlangga, Surabaya, Indonesia

Jifaldi Afrian Maharaja Dinda Sedar, M.D., Universitas Airlangga, Surabaya, Indonesia

ASSISTANT EDITORS

Agisa Prawesti, B. Eng., Universitas Airlangga, Surabaya, Indonesia

Kalya Awindya Sukma Prasanti, B. Man, Universitas Airlangga, Surabaya, Indonesia

TABLE OF CONTENTS

Original Articles

- Characteristics of Patients with Thoracolumbar Fractures at Dr. M. Djamil Padang Central General Hospital in 2018-2022 1-9
Zahra Shafira, Roni Eka Sahputra, Mustafa Noer, Rizki Rahmadian, Ida Rahmah Burhan, Lili Irawati
- Functional Outcome of Post Anterior Cruciate Ligament Reconstruction Patients in Dr. M. Djamil Central General Hospital Padang 2020-2022 10-18
Rinaldiansyah, Rizki Rahmadian, Fory Fortuna, Roni Eka Sahputra, Yose Ramda Ilhami, Selfi Renita Rusjdi
- Bone Mineral Density Values Using Radiofrequency Echographic Multi-Spectrometry in Premenopausal Breast Cancer Patients Receiving Tamoxifen Therapy 19-25
Heru Russarianto, Ilham Abdullah Irsyam, Muhammad Ilmam Bariqi, Pranajaya Dharma Kadar, Muhammad Kashani Mohd Kamil
- Correlative Analysis of Radiological Measurements and 1-year SRS-22r in Early and Middle Adolescents with Adolescent Idiopathic Scoliosis: A Retrospective Study 26-36
Rieva Ermawan, Bayu Sakti Jiwandono, Ibnu Yudistiro, Muhammad Abdulhamid, Hubertus Corrigan, Felicia Renata
- The Profile of Road Traffic Injury-Related Fracture Patient in the Emergency Department of H. Damanhuri Barabai General Hospital 37-45
Muhammad Nanda Firdaus, Muhammad Bagas Pratista, Ansari Rahman, Husna Dharma Putera, Zairin Noor

Review Articles

- Therapeutic Modality of Mesenchymal Stem Cells for Moderate to Severe Knee Osteoarthritis: A Systematic Review 46-55
Irfan Jaen Fathani, Muhammad Hanif Al Asad Budiyo, Nurin Jannatin

Case Reports

- Type III Osteogenesis Imperfecta with Severe Limb Deformities: A Report with Review of The Literature 56-63
Balaji Zacharia, Kashinath Yamanappa Kambagi, R. Manoj Kumar