

Volume 6 No. 2
October 2017
e-ISSN: 2460-8742
p-ISSN: 2722-712X



JOINTS

JOURNAL ORTHOPAEDI AND TRAUMATOLOGY SURABAYA



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

EDITORIAL TEAM

Volume 6 No.2 2017

EDITOR-IN-CHIEF

Lukas Widhiyanto, MD., Universitas Airlangga, Surabaya, Indonesia

SECTION EDITOR

Andre Triadi Desnantyo, MD., Universitas Airlangga, Surabaya, Indonesia

Primadenny Ariesa Airlangga, MD., MH., Universitas Airlangga, Surabaya, Indonesia

Sulis Bayu Sentono, MD., MH., Universitas Airlangga, Surabaya, Indonesia

Jeffry Andrianus, MD., Universitas Airlangga, Surabaya, Indonesia

Muhammad Hardian Basuki, MD., Universitas Airlangga, Surabaya, Indonesia

Pramono Ari Wibowo, MD., Universitas Airlangga, Surabaya, Indonesia

EDITORIAL BOARD

Prof. Ismail Hadisoebroto Dilogo, MD., Ph.D, Universitas Indonesia, Jakarta, Indonesia

Mohammad Rizal Chaidir, MD., MHL., MHM., Ph.D, Universitas Padjajaran, Bandung, Indonesia

ASSISTANT EDITOR

Agrippina Waya Rahmaning Gusti, B. Eng, M. Eng, Universitas Airlangga, Surabaya, Indonesia

TABLE OF CONTENTS

Literature Review

- Clinical application of bone morphogenetic protein on fracture healing process 48-54
Riko Febrian Kunta Adjie

Case Report

- Blount disease evaluation of the operative treatment within 2006-2014 in Dr. Soetomo General Hospital Surabaya 55-62
Komang Agung Irianto Suryaningrat, I. G. Ng. Dodo M. Ranuh

Research Article

- Cytotoxic effect of freeze dried bovine cartilage powder and platelet rich plasma (PRP) to mesenchymal stem cell (MSCs) 63-70
Dwikora Novembri Utomo, Anthoni Yusbida
- Correlation between knee osteoarthritis (OA) grade and body mass index (BMI) in outpatients of orthopaedic and traumatology department RSUD Dr. Soetomo 71-79
Lukas Widhiyanto, Andre Triadi Desnantyo, Lilik Djuari, Maynura Kharismansha
- The effect of platelet rich plasma on mesenchymal stem cells (MSCs) differentiation into chondroblast 80-85
Dwikora Novembri Utomo, I Gde Adi Widiastana