

Volume 51, Number 2, June 2018

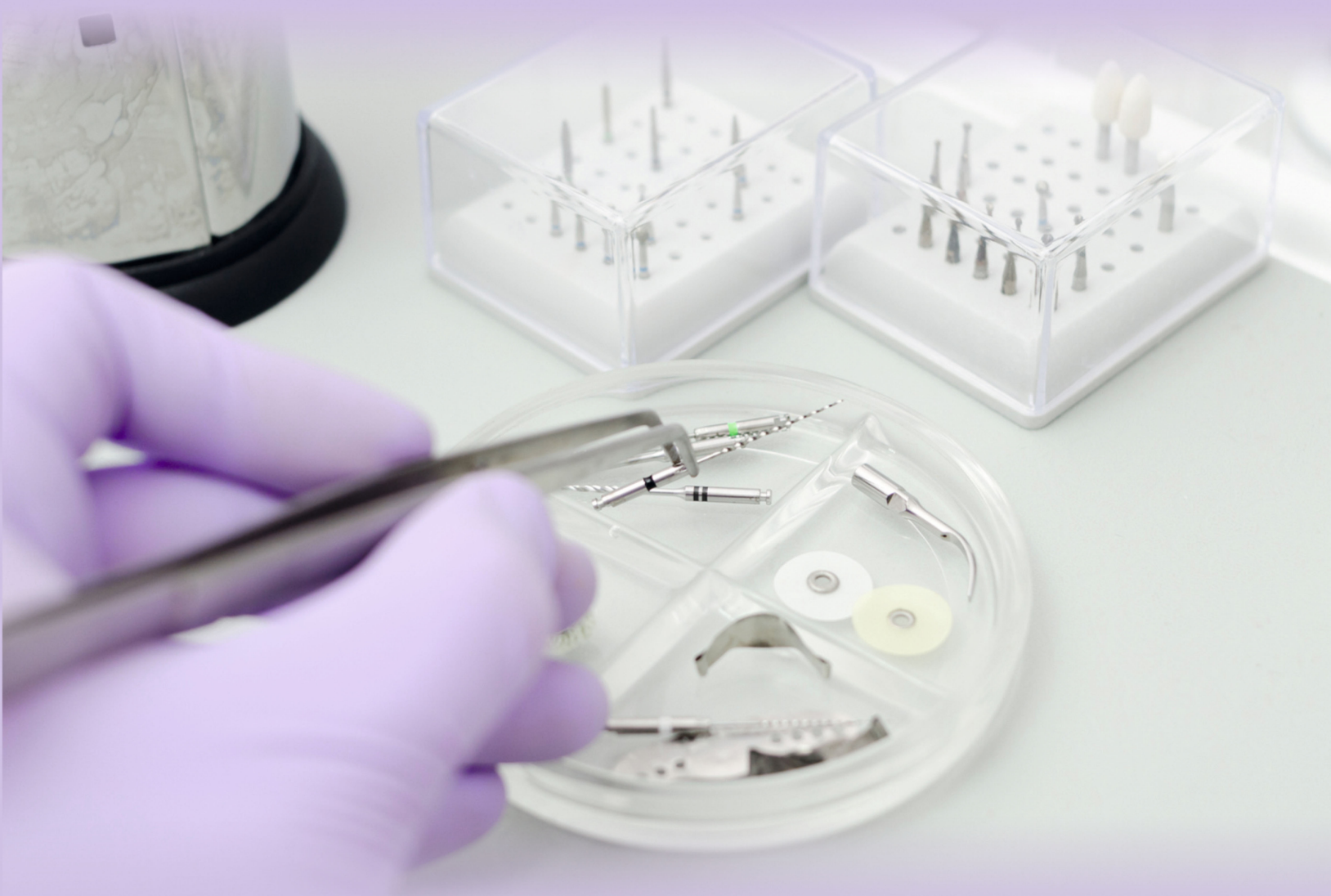
p-ISSN: 1978-3728

e-ISSN: 2442-9740

Dental Journal

Published quarterly per year

Majalah Kedokteran Gigi



- Effects of silkworm fiber position on flexural and compressive properties of silk fiber-reinforced composites
- Effects of *Moringa oleifera* leaf extract combined with DFBBX on type-1 collagen expressed by osteoblasts in the tooth extraction sockets of *Cavia cobaya*
- Acid fast bacilli detected in the oral swab sample of a pulmonary tuberculosis patient

Accredited No. 32a/E/KPT/2017

Dental Journal

Majalah Kedokteran Gigi

EDITORIAL BOARDS OF DENTAL JOURNAL (MAJALAH KEDOKTERAN GIGI)

SK: 02/UN3.1.2/2018

January 2nd – December 31st, 2018

Patron:

Dean of Faculty of Dental Medicine, Universitas Airlangga

Advisors:

Vice Dean I, Vice Dean II, Vice Dean III

Chief Editor:

Udijanto Tedjosongko, drg., Ph.D., Sp.KGA(K)

(Department of Pediatric Dentistry, Faculty of Dental Medicine, Universitas Airlangga)

Editorial Boards

Roeland Jozef Gentil De Moor (Department of Restorative dentistry and Endodontology, Dental School, Ghent University, Belgium); **Cortino Sukotjo** (University of Illinois at Chicago College of Dentistry, Department of Restorative Dentistry, Chicago, United States); **Guang Hong** (Liaison Center for Innovative Dentistry, Graduate School of Dentistry, Tohoku University, Japan); **Kenji Yoshida** (Department of Oral and Maxillofacial Surgery, School of Dentistry, Aichi Gakuin University, Nisshin, Japan); **Miguel Rodrigues Martins** (Co-Worker Aachen Dental Laser Center, RWTH Aachen University, Aachen, Germany); **Sajee Sattayut** (Department of Oral Surgery, Faculty of Dentistry, Khon Kaen University, Khon Kaen, Thailand); **Samir Nammour** (Department of Dental Science, Faculty of Medicine, University of Liege, Belgium); **Reza Fekrazad** (Laser Research Center in Medical Science, Dental Faculty, AJA University of Medical Science, Tehran, Iran); **Hong Sai Loh** (Department of Oral and Maxillofacial Surgery, Faculty of Dentistry, National University of Singapore, Singapore); **Widowati Witjaksono** (Kulliyah of Dentistry, International Islamic University Malaysia, Malaysia); **Hamid Nurrohman** (Missouri School of Dentistry & Oral Health A.T. Still University 800 W. Jefferson St. Kirksville, Missouri, USA, United States); **Harry Huiz Peeters** (Laser Research Center, Bandung, Indonesia); **Rahmi Amtha** (Department of Oral Medicine, Faculty of Dentistry, Universitas Trisakti, Indonesia); **Elza Ibrahim Auerkari** (Department of Oral Biology, Faculty of Dentistry, Universitas Indonesia, Indonesia); **R. Darmawan Setijanto** (Department of Dental Public Health, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Anita Yuliati** (Department of Dental Material, Faculty of Dental Medicine, Universitas Airlangga, Indonesia).

Managing Editors

Ketut Suardita (Department of Conservative Dentistry, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Anis Irmawati** (Department of Oral Biology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Yuliati** (Department of Oral Biology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Retno Palupi** (Department of Dental Public Health, Faculty of Dental Medicine, Universitas Airlangga, Indonesia);

Assistant Editors

Eric Prasetyo (Department of Conservative Dentistry, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Saka Winias** (Department of Oral Medicine, Faculty of Dental Medicine, Universitas Airlangga, Indonesia).

Peer-Reviewers

Boy M. Bachtiar (Department of Oral Biology, Faculty of Dentistry, Universitas Indonesia, Indonesia); **Al. Supartinah Santoso** (Department of Pediatric Dentistry, Faculty of Dentistry, Universitas Gadjah Mada, Indonesia); **Mieke Sylvia** (Department of Forensic Odontology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Istiaty** (Department of Oral and Maxillofacial Pathology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Jenny Sunariani** (Department of Oral Biology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Adioro Soetojo** (Department of Conservative Dentistry, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Sri Kunarti** (Department of Conservative Dentistry, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Diah Savitri Ernawati** (Department of Oral Medicine, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Retno Pudji Rahayu** (Department of Oral and Maxillofacial Pathology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Ari Triwardhani** (Department of Orthodontics, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Theresia Indah Budhy** (Department of Oral and Maxillofacial Pathology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Indah Listiana Kriswandini** (Department of Oral Biology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Titien Hary Agustantina** (Department of Dental Material Science and Technology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Agung Krisamariono** (Department of Periodontology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Hendrik Setia Budi** (Department of Oral Biology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Sri Wigati Mardi M.** (Department of Dentomaxillofacial Radiology, Faculty of Dental Medicine, Universitas Airlangga, Indonesia); **Nurina Febriyanti Ayuningtyas** (Department of Oral Medicine, Faculty of Dental Medicine, Universitas Airlangga, Indonesia).

Administrative Assistant

Novi Dian Prastiwi (Faculty of Dental Medicine, Universitas Airlangga); **Abdullah Mas'udy** (Faculty of Dental Medicine, Universitas Airlangga)

Editorial Address:

Faculty of Dental Medicine Universitas Airlangga
Jln. Mayjen. Prof. Dr. Moestopo No. 47 Surabaya 60132, INDONESIA
Telp. (+6231) 5039478/5030255. Fax. (031) 5039478/5020256
E-mail: dental_journal@fkg.unair.ac.id; Website: www.e-journal.unair.ac.id/index.php/MKG

Accredited No. 32a/E/KPT/2017

Cover photo purchased from: www.fotolia.com
Invoice number: 208879494-206415982

Dental Journal

Majalah Kedokteran Gigi

CONTENTS

	<i>Page</i>
1. Differences in mucin expression in the submandibular glands of rats during periodontitis induction Nunuk Purwanti, Banun Kusumawardhani, and Kwartarini Murdiastuti	52–56
2. Effects of silkworm fiber position on flexural and compressive properties of silk fiber-reinforced composites Ariyani Faizah, Dendy Murdiyanto, Yulita Nur Widyawati, and Narawidya Laksmi Dewi	57–61
3. Management of palatal perforation in systemic lupus erythematosus patient Dwi Setianingtyas, Paulus Budi Teguh, Widyastuti, Neken Prasetyaningtyas, Ramadhan Hardani Putra, and Felicia Eda Haryanto	62–66
4. Mauli banana stem extract application increased expression of NF- κ B in traumatic ulcer healing Maharani Laillyza Apriasari, Retno Pudji Rahayu, and Diah Savitri Ernawati	67–70
5. Behavior management-based applied behaviour analysis within dental examination of children with autism spectrum disorder Taufiqi Hidayatullah, Hendriati Agustiani, and Arlette Suzy Setiawan	71–75
6. Management of chronic traumatic ulcer mimicking oral squamous cell carcinoma on the tongue Revi Nelonda and Riani Setiadhi	76–80
7. Mandibular morphology of the Mongoloid race in Medan according to age groups Maria Sitanggang and Trelia Boel	81–85
8. Effects of <i>Moringa oleifera</i> leaf extract combined with DFBBX on type-1 collagen expressed by osteoblasts in the tooth extraction sockets of <i>Cavia cobaya</i> Soekobagiono, Sherman Salim, Hanoem Eka Hidayati, and Karina Mundiratri	86–90
9. Acid fast bacilli detected in the oral swab sample of a pulmonary tuberculosis patient Reiska Kumala Bakti, Ni Made Mertaniasih, Diah Savitri Ernawati, Bagus Soebadi, and Priyo Hadi	91–94
10. Differences in photodynamic therapy exposure time and <i>Staphylococcus aureus</i> counts Adeline Jovita Tambayong, Ira Widjiastuti, and Cecilia G.J. Lunardhi	95–98
11. Changes in the number of macrophage and lymphocyte cells in chronic periodontitis due to dental X-ray exposure Alhidayati Asymal, Eha Renwi Astuti, and Rini Devijanti	99–103