

# Dental Journal

Published quarterly per year

Majalah Kedokteran Gigi



- Transformation analysis of oral epithelial dysplasia to carcinoma in-situ and squamous cell carcinoma by p53 expression and gene mutations
- Diagnosis and management of Crohn's disease in retarded child
- Prognostic value of molecular markers of oral pre-malignant and malignant lesions

# Dental Journal

Majalah Kedokteran Gigi

## EDITORIAL BOARD OF DENTAL JOURNAL (MAJALAH KEDOKTERAN GIGI)

SK: 2847/H3.1.2/KD/2009

June 1<sup>st</sup>, 2009 – June 1<sup>st</sup>, 2011

**Patron:**

Dean of Faculty of Dentistry Airlangga University

**Advisors:**

Vice Dean I, Vice Dean II, Vice Dean III

**Chief Editor:**

Ketut Suardita, drg., Ph.D., Sp.KG.

(Conservative Dentistry – Airlangga University)

**Editorial Boards:**

**Prof. Dr. M. Rubianto, drg, M.S., Sp. Perio.** (Periodontic – Airlangga University); **Prof. Nairn Hutchinson Fulton Wilson, MSc. Ph.D., FDS.** (Conservative Dentistry - University of Guy's Dental School, London); **Prof. W.J. Spitzer, DMD., MD.** (Head Department of Cranio & Oral Maxillofacial Surgery Hamburg University, Germany); **Prof. Edward C. Combe. M.Sc. Ph.D. D.D.Sc.** (Biomaterial – Minnesota University, U.S.A); **Prof. Madya. H. AB. Rani Samsudin D.D.S., FDSRC, AM.** (Oral and Maxillofacial Surgery - University Science Malaysia, Malaysia); **Prof. Widowati Witjaksono, DDS, Ph.D.** (Kulliyah of Dentistry, International Islamic University Malaysia); **Prof. Taizo Hamada, D.D.S., Ph.D.** (Prostodontic - University of Hiroshima, Japan); **Prof. Yukio Kato, D.D.S., Ph.D.** (Oral Bio Chemistry-University of Hiroshima, Japan); **Prof. Kozai Katsuyuki, DDS.,Ph.D.** (Pediatric – University of Hiroshima, Japan); **Prof. dr. A.G. M. Tielens** (Medical Microbiology – University and Infections Diseases – Erasmus University Medical Centre, Rotterdam, The Netherlands); **Prof. Lakshman Samaranayake** (Oral Microbiology – The University of Hongkong); **Kok Van Kesel** (Medical Microbiology – University and Infections Diseases – Erasmus University Medical Centre, Rotterdam , The Netherlands); **Dr. Leslie Ang** (Restorative Dentistry – National Dental Centre of Singapore); **Dr. Nugrohowati, drg, M.Kes.** (Conservative Dentistry - Prof. Dr. Moestopo (B) University); **Prof. Dr. M. Suharsini, drg, M.S., Sp. KGA.** (Pediatric Dentistry - Indonesia University); **Achmad Gunadi, drg, M.S., Ph.D.** (Prostodontic - Jember University)

**Managing Editors:**

**Prof. Dr. Arifzan Razak, drg, MSc, Sp.Pros.** (Prosthodontic – Airlangga University); **Prof. Dr. Latief Mooduto, drg, M.S., Sp.KG.** (Conservative Dentistry – Airlangga University); **Prof. R.M. Coen Pramono Danudiningrat, drg., SU., Sp.BM.** (Oral and Maxillofacial Surgery – Airlangga University); **Prof. Dr. Mieke Sylvia M.A.R., drg, M.S., Sp.Ort.** (Orthodontic – Airlangga University); **Prof. Dr. Istiati, drg, M.S.** (Oral Biology – Airlangga University); **Prof. Dr. Anita Yuliati, drg, M.Kes.** (Dental Material – Airlangga University); **Seno Pradopo, drg, S.U., Ph.D. Sp.KGA.** (Pediatric Dentistry – Airlangga University); **Thalca I. Agusni, drg, MHPED. Ph.D., Sp.Ort.** (Orthodontic – Airlangga University); **Dr. R. Darmawan Setijanto, drg., M.Kes.** (Dental Public Health – Airlangga University); **Dr. Elly Munadziroh, drg., MS.** (Dental Material – Airlangga University); **Priyawan Rachmadi, drg, Ph.D.** (Dental Material – Airlangga University); **Udijanto Tedjosasongko, drg, Ph.D., Sp.KGA.** (Pediatric Dentistry – Airlangga University); **Dr. Retno Pudji Rahayu, drg., M.Kes.** (Oral Biology – Airlangga University); **Dr. Eha Renwi Astuti, drg., M.Kes.** (Oral Medicine – Airlangga University); **Dr. Diah Savitri Ernawati, drg., M.Si.** (Oral Medicine – Airlangga University); **Bagus Soebadi, drg, MHPED. Sp.PM** (Oral Medicine – Airlangga University); **Endang Pudjirochani, drg, M.S., Sp.Pros.** (Prosthodontic – Airlangga University); **Markus Budi Rahardjo, drg., M.Kes.** (Microbiology – Airlangga University); **Susy Kristiani, drg., M.Kes.** (Oral Biology – Airlangga University); **Ira Widjastuti, drg, M.Kes. Sp.KG.** (Conservative Dentistry – Airlangga University); **Sianiwati Goenharto, drg., MS.** (Orthodontic – Airlangga University); **Devi Rianti, drg, M.Kes.** (Dental Material – Airlangga University); **Chiquita Prahasanti, drg., Sp.Perio.** (Periodontic – Airlangga University); **Rostiny, drg., M.Kes., Sp.Pros.** (Prosthodontic – Airlangga University); **Annissa Chusida, drg., M.Kes.** (Oral Biology – Airlangga University); **Eric Priyo Prasetyo, drg., Sp.KG.** (Conservative Dentistry – Airlangga University)

**Administrative Assistant:**

Novi Dian Prastiwi (Faculty of Dentistry – Airlangga University)

**Thanks to editor in duty of Dental Journal (Majalah Kedokteran Gigi) Vol. 42 No. 2 April–June 2009:**

**Prof. Madya. H. AB. Rani Samsudin D.D.S., FDSRC, AM.** (Oral and Maxillofacial Surgery - University Science Malaysia, Malaysia)

**Prof. Widowati Witjaksono, DDS, Ph.D.** (Kulliyah of Dentistry, International Islamic University Malaysia)

**Prof. Taizo Hamada, D.D.S., Ph.D.** (Prosthodontic - University of Hiroshima, Japan)

**Sudarjani Gunawan, drg.,MS.,Sp.KG.** (Conservative Dentistry – Airlangga University)

**Prof. Dr. Trijoenadi Widodo, drg.,MS.,Sp.KG.** (Conservative Dentistry – Airlangga University)

**Dr. Theresia Indah Budhy, drg.,M.Kes.** (Oral Biology – Airlangga University)

**Hendrik Setiabudi, drg., M.Kes.** (Oral Biology – Airlangga University)

**Editorial Address c/o:**

Fakultas Kedokteran Gigi Universitas Airlangga  
Jln. Mayjen. Prof. Dr. Moestopo No. 47 Surabaya 60132, INDONESIA  
Telp. (062-31) 5039478 / 5030255. Fax. (031) 5039478 / 5020256  
E-mail: dental\_journal@yahoo.com Website: www.journal.unair.ac.id  
www.dentj.fkg.unair.ac.id

Accredited No. 48/DIKTI/Kep/2006

# Dental Journal

Majalah Kedokteran Gigi

## CONTENTS

	<i>Page</i>
1. Diagnosis and management of Crohn's disease in retarded child <b>Rahmi Amtha</b> .....	<b>55-59</b>
2. Pseudomembranous candidiasis in patient wearing full denture <b>Nurdiana and M. Jusri</b> .....	<b>60-64</b>
3. Cooperation of patient as key factor to overcome oral habits <b>Magdalena Lesmana</b> .....	<b>65-69</b>
4. Transformation analysis of oral epithelial dysplasia to carcinoma in-situ and squamous cell carcinoma by p53 expression and gene mutations <b>Mei Syafriadi</b> .....	<b>70-75</b>
5. Aesthetic and masticatory rehabilitation on post mandibular resection with combination of hollow obturator and hybrid prosthesis <b>Arif Rachman, Eha Djulaeha and Utari Kresnoadi</b> .....	<b>76-81</b>
6. The effect of watermelon frost on prostaglandin E <sub>2</sub> (PGE <sub>2</sub> ) in inflamed pulp tissue (in vitro study) <b>Dennis and Trimurni Abidin</b> .....	<b>82-85</b>
7. Shear bond strength between porcelain and nano filler composite resin with or without 9% hydrofluoric acid etching <b>Kun Ismiyatın</b> .....	<b>86-89</b>
8. Screening of oral premalignant lesions in smokers using toluidine blue <b>Yanti Leosari, Sri Hadiati and Dewi Agustina</b> .....	<b>90-93</b>
9. Biocompatibility of acrylic resin after being soaked in sodium hypochlorite <b>Nike Hendrijatini</b> .....	<b>94-98</b>
10. The aesthetic treatment for anterior teeth with lost crown by endorestoration <b>Nanik Zubaidah</b> .....	<b>99-103</b>
11. Prognostic value of molecular markers of oral pre-malignant and malignant lesions <b>Peter Agus</b> .....	<b>104-108</b>