



CONTENTS

Original

Biomechanics of human tongue movement during bolus compression and swallowing

- Hirokazu Hayashi, Kazuhiro Hori, Hiroshige Taniguchi, Yuki Nakamura, Takanori Tsujimura, Takahiro Ono, and Makoto Inoue 191

Retrospective analysis of 36 ameloblastoma cases in Laos

- Souksavanh Vongsaa, Naoyuki Matsumoto, Daovone Thepsouvanh, Bouonnong Sidaphone, Sengphouvanh Ngonephady, Aloungnadeeth Sitthiphanh, and Kazuo Komiyama 199

Dental development in children with severe molar-incisor hypomineralization in Samsun, Turkey

- Emine S. Tunc, Ayca T. Ulusoy, Sule Bayrak, and Soner Cankaya 203

Osteogenic transcription factors and proto-oncogene regulate bone sialoprotein gene transcription

- Hideki Takai, Masaru Mezawa, Jin Choe, Yohei Nakayama, and Yorimasa Ogata 209

Electromyography of masticatory muscles after denture relining with soft and hard denture liners

- Marina X. Pisani, Antonio L. M. Segundo, Vanessa M. F. Leite, Raphael F. de Souza, Marco A. M. R. da Silva, and Cláudia H. L. da Silva 217

Evaluation of bioactive glass and platelet-rich plasma for bone healing in rabbit calvarial defects

- Luiz A. M. Penteado, Carlos E. D. Colombo, Roberta A. P. M. Penteado, Angélica O. Assis, and Bruno C. V. Gurgel 225

Fluoride content in plaque solids and fluid after ingestion of fluoridated milk

- Esperanza A. Martínez-Mier, Armando E. Soto-Rojas, Christine Buckley, Andrea Weitz, Alberto Villa, and Domenick T. Zero 233

Stress distribution in fixed-partial prosthesis and peri-implant bone tissue with different framework materials and vertical misfit levels: a three-dimensional finite element analysis

- Ataís Bacchi, Rafael L. X. Consani, Marcelo F. Mesquita, and Mateus B. F. dos Santos 239

Associations of duration of smoking cessation and cumulative smoking exposure with periodontitis

- Fernando O. Costa, Luís O. M. Cota, Eugênio J. P. Lages, Renata M. Cyrino, Alcione M. S. D. Oliveira, Peterson A. D. Oliveira, and José R. Cortelli 245

Case Report

Pemphigus, discoid lupus erythematosus, and dermatomyositis during an 8-year follow-up period: a case report

- Kobkan Thongprasom, Suwan Prasongtanskul, Achara Fongkhum, and Anak Iamaroon 255

**Segmental odontomaxillary dysplasia: report of a case emphasizing histopathological,
immunohistochemical and scanning electron microscopic features**

Rebeca S. Azevedo, Luísa J. da Silveira, Luis Flávio M. Moliterno, Águida Maria M. A. Miranda,
Oslei P. de Almeida, and Fábio R. Pires 259

**Fifteen-year clinical performance of a resin-bonded fixed partial denture seated with a thione primer
and a tri-*n*-butylborane-initiated luting agent**

Mitsuo Nakamura and Hideo Matsumura 263