DENTISTRY

1. Inhibition of Alveolar Bone Destruction by Roselle Extract (Hibiscus Sabdariffa L.)
   Erik Idrus, Denia Alya Tsary, Daniel Steven Setiadi, Jesslyn, Nabila Ekayani Calfina, Valencia Audrey Halim, Dewi Fatma Suniarti, Nurtami, Yuniardini Septorini Wimardhani, Mindya Yuniastuti
   Pages 830-835

2. Effect of Different Types of Silane Coupling Agents on the Shear Bond Strength between Lithium Disilicate Glass Ceramic and Resin Cement
   Tanapon Tarateeraseth, Niyom Thamrongananskul, Ploypim Kraisintu, Settapak Somyhokwilas, Awiruth Klae Sili, Too Sriamporn
   Pages 836-842

3. Inhibitory Effect of Mucoadhesive Gingival Patch of Mangosteen Peel Extract Against Periodonto Pathogen Bacteria
   Rini Devijanti Ridwan, Tuti Kusumaningsih, Thea Devina, Denny Saputra
   Pages 843-848

4. Evaluation of Cyclic Fatigue Resistance of Different Rotary Endodontic File Systems
   Ali A. Razooki Al-Shekhli, Isra'a Al Aubi
   Pages 849-853

5. Comparative Evaluation of Color Stability between Three Different CAD/CAM Milled Denture Base Materials: An In Vitro Study
   Maha Nagy Mohamed Kamal
   Pages 854-860

6. Antibacterial Effects of Effective Ecoproduce on Enterococcus faecalis: An in vitro Study
   Meei Yi Ng, Zaleha Shafiei, Mariati Abdul Rahman, S. Nagarajan M.P. Sockalingam, Ahmad Shuhud Irfani Zakaria, Alida Mahyuddin
   Pages 861-867

7. Effect of a Thermal Treatment of Two Silanes on the Bond Strength Between a Lithium Disilicate and a Resin Cement
   Proaños-Garavito Ramón-Leonardo, Calvo-Ramírez Juan-Norberto, Dian Agustin Wahjuningrum, Muhammad Iqbal Tanzi, Cruz-González Alberto-Carlos
   Pages 868-872

8. Immunoexpression of E-Cadherin and VEGF-A Proteins in Various Degrees of Histologic Malignancies of Adenoid Cystic Carcinoma of Salivary Glands
   Marry Siti Mariam, Achmad Syawqie, Arief Cahyanto
   Pages 873-879

9. Anatomical Variations of the Osteomeatal Complex in the Lateral Wall of Nose a Cadaveric Study
   Vijaya Ramanathan, Anitha Krishnan Pandarathodyil, Anand Ramanathan, Phrabhakaran Nambiar
   Pages 880-886
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>ALP (Alkaline Phosphatase) Expression in Simple Fracture Incident in Rat (Rattus Norvegicus) Femur Bone Supplemented by Apis Mellifera Honey</td>
<td>Abdullah Hasib, Dian Agustin Wahjuningrum, Muhammad Huda Ramadhan Ibrahim, Hendy Jaya Kurniawan, Rizky Ernawati, María Elisea Kiswantoro Hadinoto, Latief Mooduto</td>
<td>887-891</td>
</tr>
<tr>
<td>11</td>
<td>Microshear Bond Strength of Resin Composite to Pretreated Dentin with Silver Diamine Fluoride/Potassium Iodide: An In Vitro Study</td>
<td>Ola M. Sakr</td>
<td>892-897</td>
</tr>
<tr>
<td>12</td>
<td>Prevalence of C-Shaped Canals and their Variations in Mandibular First Premolars and Second Molars</td>
<td>Dewa Ayu Nyoman Putri Artiningsih, Marceline Olivia, Kamizar Nazar</td>
<td>898-902</td>
</tr>
<tr>
<td>13</td>
<td>Mechanism of Antifungal Activity of Virgin Coconut Oil on Cell Membrane of Candida Albicans</td>
<td>Nor Izzah Mukhtar, Zurainie Abllah, Azrul Naim Mohamad, Intan Azura Shahdan, Ummi Aqilah Haron</td>
<td>903-908</td>
</tr>
<tr>
<td>14</td>
<td>Cassava Leaf Flavonoid Extract on Enhancing the Gingival Epithelium Thickness of Lipopolysaccharide-Induced Rats</td>
<td>Zahara Meilawaty, Rendra Christryeddy P, Ferdina Recky</td>
<td>909-914</td>
</tr>
<tr>
<td>15</td>
<td>The Increase Of IL-1β and IL-6 In Oral Epithelial Cells Induced by Corrosion Products of Multiple-Recast Palladium-Silver Dental Alloy</td>
<td>Viritpon Srimaneepong, Pimrumpai R Sindhavajiva, Sunphat Namano, Verapol Singkarlsiri, Anjalee Vacharaksa</td>
<td>915-921</td>
</tr>
<tr>
<td>17</td>
<td>Formulation and Evaluation of New Periodontal Gel from Pimpinella Anisum L Anise Seed</td>
<td>Fouad Hussain Al-Bayaty, Nurul Atifah Binti Abdullah, Shameera Binti Mohaideen Meera, Zaini Binti Mohd Zain</td>
<td>928-934</td>
</tr>
<tr>
<td>18</td>
<td>Expression of Interleukin-1β and TGF-Β due to Induction with Natural Propolis Extract and Bovine Bone Graft Combination in Tooth Extraction Sockets Leading to Alveolar Bone Regeneration</td>
<td>Utari Kresnoadi, Teguh Setio Yuli Prabowo</td>
<td>935-938</td>
</tr>
</tbody>
</table>
19. Influence of the Type of Silane Prior to the Use of a Universal Adhesive on Lithium Disilicate
   Angelica Garibello-Perilla, Edgar Delgado-Mejía, Dian Agustin Wahjuningrum, Ravishinta Efty Arwinda,
   Néstor-Andrés Arciniegas-González, Alberto-Carlos Cruz-González
   Pages 939-944

20. Calcium Release and Mechanical Strength of a Calcium Fluoride Doped Carbonate Apatite Cement as a Novel Pulp Capping Agent
   Myrna Nurlatifah Zakaria, Syifa Nur Amalina, Febby Batri Seroja, Atia Nurul Sidiqa, Arief Cahyanto
   Pages 945-950

21. The Effects of Polishing and Home Bleaching on Surface Roughness of Composites
   Ali A. Razooki Al-Shekhli, Isra’a Al Aubi
   Pages 951-956

22. The Activity of Alcoholic Extract of Urtica Urens Against Staphylococcus Aureus and Oral Wound Healing
   Eman A.Mustafa, Faehaa A. Al-Mashhadane, Ghada A. Taqa
   Pages 957-963

23. The Effect of Topical Remineralization Agents on Surface Microhardness of Enamel (ex vivo research)
   E. Fibryanto, Elline, D.P. Indah, A. Hidayat
   Pages 964-968

   Yuliana Ayob, Fouad Hussain Al Bayaty, Faizal Hafez Hidayat
   Pages 969-974

25. Performance of Electrospun PMMA-Silica Nanofiber as Reinforced Material in Dental Composite Restoration
   Nina Djustiana, Yanwar Faza, Nadiya Sudiyasari, Annisa Tamyra Firdaus, Kosterman Usri, Arief Cahyanto
   Pages 975-978

26. Bleaching Efficacy and Re-Staining Susceptibility of Stained Arrested Caries Lesions In-Vitro
   Sarah S. Al-Angari, Sara I. Eisa
   Pages 979-984

27. Domestic Water Purification Systems and Fluoride Concentration of Home Water Supply
   Norashikin Yusof, Budi Aslinie Md Sabri, Nursheila Rosli, Syaza Nazihah Suimi
   Pages 985-990

28. Development and Substantiation of the Program for Preventing Oral Complications in Dental Tourism Settings
   Yuliya A. Makedonova, Anna N. Osyko, Dmitriy V. Mikhalchenko, Oksana N. Kurkina, Svetlana V. Dyachenko
   Pages 991-995
<table>
<thead>
<tr>
<th>Article Number</th>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>Impact of Mandibular Vertical Height and Bone Density on Patient Satisfaction Following Complete Denture Treatment</td>
<td>Asri Diah Sastrawijaya, Lindawati Soetanto Kusdhany, Farisza Gita, Bramma Kiswanjaya</td>
<td>996-1002</td>
</tr>
<tr>
<td>31</td>
<td>Periodontal Parameters in Indonesian Elderly and its Association with Cognitive Impairment</td>
<td>Fatimah Maria Tadjoedin, Lindawati S Kusdhany, Yuda Turana, Boy M Bachtiar, Sri Lelyati C Masulili</td>
<td>1009-1012</td>
</tr>
<tr>
<td>33</td>
<td>Change in Nutrition among Patients with Temporomandibular Disorder after Removable Partial Denture Wear</td>
<td>Daisy Supandi, Ira Tanti, Nina Ariani</td>
<td>1021-1024</td>
</tr>
<tr>
<td>34</td>
<td>Oral Health Related Knowledge and Practices amongst Health Care Workers – A follow-up Study</td>
<td>Shreya Hegde, Ramya Shenoy, Kundabala M, Neeta Shetty, Roma M</td>
<td>1025-1029</td>
</tr>
<tr>
<td>35</td>
<td>The Effect of Secang Drink Consumption in Increasing Salivary Flow Rate and Salivary Ph in Smokers and Related to Body Mass Index</td>
<td>Winny Yohana, Rosiliwati Wihardja, Indrati, Salma Nisrina Primastuti, Vina Adinda Putri</td>
<td>1030-1034</td>
</tr>
<tr>
<td>36</td>
<td>The Prevalence of Dental Caries, Associated Factors and Treatment Needs in Children Up to Age 12 at Dental Hospital in Phitsanulok, Thailand</td>
<td>Kunjira Wittayapipitpon, Tanaphon Kwaengmas, Thitikan Sangmanee, Tidaphat Younphan, Rueede Sakulratchata</td>
<td>1035-1040</td>
</tr>
<tr>
<td>37</td>
<td>Relationship Between Occlusal Support Zones and Temporomandibular Disorders in the Elderly Population</td>
<td>Nadhira Dewi Hanana Irsan, Ira Tanti, Pinta Marito</td>
<td>1041-1046</td>
</tr>
<tr>
<td>Article No.</td>
<td>Title</td>
<td>Authors</td>
<td>Pages</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>39.</td>
<td>Food Consumption Frequency and Dental Caries Status among Adolescents in Jakarta</td>
<td>Ulfah Utami, Ary Agustanti, Yuanita Lely Rachmawati, Febriana Setiawati, Yasemin Yavuz, Alessandro Leite Cavalcanti, Diah Ayu Maharani</td>
<td>1054-1058</td>
</tr>
<tr>
<td>40.</td>
<td>Oral Health Status and Oral Dryness of Elderly Dementia Patients</td>
<td>Pattara Sukhumanphaibun, Supaporn Sangouam</td>
<td>1059-1064</td>
</tr>
<tr>
<td>41.</td>
<td>Effect of Implant Thread Design on Biological Stability based on Resonance Frequency Analysis</td>
<td>Agrippina Maria Winardi, Ratna Sari Dewi, Lia Kartika Wulansari</td>
<td>1065-1070</td>
</tr>
<tr>
<td>42.</td>
<td>The Outcomes of the Dental Patients’ Screening for Diabetes Mellitus</td>
<td>Viktoriya N. Naumova, Yuliya A. Makedonova, Dmitriy V. Mikhalchenko, Kahramon E. Shomurodov, Elena E. Maslak</td>
<td>1071-1080</td>
</tr>
<tr>
<td>43.</td>
<td>Oral Health Literacy and Oral Cancer Knowledge of the Caregiver of Older Adults at the Nursing Homes in Jakarta, Indonesia</td>
<td>Yuniardini Septorini Wimardhani, Patoni Patoni, Anandina Irmagita</td>
<td>1081-1086</td>
</tr>
<tr>
<td>44.</td>
<td>A Qualitative Exploration of Perceived Causes and Solutions for Substance Abuse Among Dental Students of Coastal Karnataka</td>
<td>Madhumitha Muruganandam, Rashmi K S, Avinash Kumar, Ramya Shenoy Kudpi, Kunal, Dharnappa Poojary</td>
<td>1087-1110</td>
</tr>
<tr>
<td>45.</td>
<td>Prevalence of Temporomandibular Joint Clicking in Adolescents, Adults, and Elderly Patients</td>
<td>Fahmi Yunisa, Trianita Lydianna, Vionita Rahmawati, Muhammad Kunta Biddinika</td>
<td>1093-1096</td>
</tr>
<tr>
<td>46.</td>
<td>Architecture and Amount of Alveolar Bone Loss in Patients with Chronic Periodontitis Modified by Diabetes Mellitus Type 2: a Retrospective Study</td>
<td>Al-Bayaty, Ahmad, Hazni, Baharuddin</td>
<td>1097-1103</td>
</tr>
</tbody>
</table>
### TABLE OF CONTENTS / 2020; 13 (3)

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>Knowledge, Awareness and Compliance of Personal Protective Equipment and Measures among Undergraduate Dental Students of South India</td>
<td>Bharath Rao K., Tan Shu Xin, Amina Husna Barakah, Vaisnavi a/p Surais, Tan Xiao Tian, Michelle Tan Hui Juen, Wong Chi Seng, Gaayathri a/p P. Muraly, Arunima Chauhan, Arjun Hegde, P Kalyana Chakravarthy, Shakta Mani Satyam</td>
<td>1109-1116</td>
</tr>
<tr>
<td>49</td>
<td>Comparison of the Effectiveness of Two Intervention Methods in Reducing Stress Levels in Children with Autism</td>
<td>Irenia Tamany, Mochamad Fahlevi Rizal, Ike Siti Indiarti</td>
<td>1117-1129</td>
</tr>
<tr>
<td>50</td>
<td>PAX9 Polymorphism in Non-Syndromic Hypodontia in the Malaysian Population</td>
<td>Nurul Hasyiqin Fauzi, Widyia Lestari, Zarina Zainuddin, Yunita Dewi Ardini, Muhammad Salahuddin Haris</td>
<td>1130-1135</td>
</tr>
<tr>
<td>51</td>
<td>Comparison of Two Visual Techniques in Decreasing Stress Levels in Children with Autism Spectrum Disorder</td>
<td>Messya Rachmani, Mochamad Fahlevi Rizal, Heriandi Sutadi, Margaretha Suharsini</td>
<td>1136-1139</td>
</tr>
<tr>
<td>52</td>
<td>The Correlation between Salivary Volume, Salivary pH and CD4 in ARV and Non-ARV HIV Patients</td>
<td>Sri Tjahajawati, Irna Sufiawati, Anggun Rafisa</td>
<td>1140-1146</td>
</tr>
<tr>
<td>53</td>
<td>Identification of Dental Factors Associated With Crowding Malocclusion in Primary School Children in Jakarta</td>
<td>Saint Fabia Chantic, Nada Ismah, Haru Setyo Anggani, Miesje Karmiati Purwanegara</td>
<td>1147-1150</td>
</tr>
<tr>
<td>54</td>
<td>Hearing Threshold and Noise Exposure of Dentists at Padjadjaran University Dental Hospital in Bandung</td>
<td>Gabrielle M., Susilawati S, Mahdiani S.</td>
<td>1151-1155</td>
</tr>
<tr>
<td>55</td>
<td>Comparison between Obesity and Periodontitis Status</td>
<td>Anthony Handaya, Sri Lelyati C. Masulili, Natalina Haerani</td>
<td>1156-1159</td>
</tr>
<tr>
<td>56</td>
<td>An Analysis of the MTHFR Gene and Clinical Phenotypes in Familial Non-Syndromic Cleft Palate</td>
<td>Agung Sosiawan, Mala Kurniati, Regina Purnama Dewi Iskandar, Abdul Hadi Furqoni, Indah Nuraini, Qurota A’yun, Fery Setiawan, RM. Coen Pramono, Indra Mulyawan</td>
<td>1160-1164</td>
</tr>
<tr>
<td>57</td>
<td>Mapping Cervical Vertebral Maturation Levels with the Dimensions of Frontal Sinuses in a Sample of Indonesian Children</td>
<td>Zahara Gladea, Sarworini B. Budiardjo, Mochamad Fahlevi Rizal</td>
<td>1165-1169</td>
</tr>
</tbody>
</table>

**J Int Dent Med Res**
58. Level of Calcitonin Gene-Related Peptides in Elderly and Adult Periodontitis Patients
Anastasia Audrey, Sri Lelyati C. Masulili, Hari Sunarto, Fatimah Maria Tadjoedin, Adit Widaryono,
Pitu Wulandari, Elza Ibrahim Auerkari
Pages 1170-1173

59. MDM2 SNP309 T>G Gene Polymorphism in Head and Neck Cancer in an Indonesian Population
Nadhira Haifa, Yurnadi Hanafi Midoen, Nurtami Soedarsono, Angger Waspodo Dias Adrianto,
Elza Ibrahim Auerkari
Pages 1174-1177

60. Drug Induced Generalized Gingival Enlargement Associated with Alveolar Bone Loss - Case Report
Zana Sllamniku Dalipi, Zana Sejfija
Pages 1178-1182

61. Calcium Silicate Based Cements in Endodontics
Anju Pattath Kunjan, Nidambur Vasudev Ballal
Pages 1183-1190

62. Hypoxia Inducible Factor 1α as Key Factor in Wound Healing Post Tooth Extraction: an Overview
Christian Khoswanto
Pages 1191-1197

63. Criteria For Management of Cracked Tooth Syndrome: A Review
Roma M, Shreya Hegde, Puttur Laxmish Mallya, Chitra
Pages 1198-1203

64. Hyaluronic Acid - Chitosan / AgNPs Hydrogel Green Synthesis from Curcuma Longa as Antibacterial
Anti Intrapерitoneal Adhesion
Prihartini Widiyanti, Djoni Izak Rudiardjo, Herry Wibowo, Aulidyah Hanum
Pages 1204-1210

65. The Role of Cumulus in the in vitro Maturation Process towards the Maturation Level of Kacang Goats
(Capra Aegagrus hircus)
Widjati, Z. Faizah, N. Darsini, V. F. Hendrawan, E. M. Luqman, S. B. Sumitro
Pages 1211-1216

66. The Effect of Sodium Hyaluronate to the Properties of Collagen-Chitosan Composites as Artificial
Cornea – an In Vitro Study
Novi Dwi Widya Rini, Prihartini Widiyanti, Siswanto
Pages 1217-1222

67. Topical Ozonated-Olive Oil (Dalethyne) for Bacterial-Infected Wound: A Study in the Rats
Wawaimuli Arozal, Gregorius Bhaskara Wikanendra, Melva Louisa, Kayapan Satya Dharshan,
Kusmardi Kusmardi, Ari Estuningtyas, Donna Savitry
Pages 1223-1228
### EXPERIMENTAL ARTICLE

#### 68. In Vivo Biomaterial Study of Collagen-Chitosan-Sodium Hyaluronate Composites as Artificial Cornea
- Prihartini Widiyanti, Reni Prastyani, Novi Dwi Widya Rini, Marsya Nilam Kirana, Tri Astutik, Marcellino Rudyanto
- Pages 1229-1233

### CLINICAL ARTICLE

#### 69. The Influence of Family-Centered Nursing and Spiritual Therapies on Self-Management and Glycated Hemoglobin A
- Arwani, Hardhono Susanto, Dian Ratna Sawitri, Ahmad Rofiq, Khristophorus Heri Nugroho Hario Seno, Bagoes Widjanarko, Erna Erawati
- Pages 1234-1238

### CASE REPORT

#### 70. Avoidance of Nickel Contact Alleviate Respiratory Recurrent Symptoms in Asthmatic Patient
- Burim Neziri, Shqipe Devaja, Nita Kutllovci, Shaip Krasniqi
- Pages 1239-1241