DENTISTRY

1. Mechanical Properties of Dental Composite Reinforced with Natural Fiber
   Goh Wan Theng, Yanti Johari, Ismail Ab Rahman, Nor Aidaniza Abdul Mutlib, Mohd Nazrulhuzaimi Md Yusuf, Rabihah Alawi
   Pages 1242-1247

2. Frequency Distribution of Missing Teeth in Down Syndrome Children at POTADS Foundation
   Nadiya M. Alwafa, Yetty Herdiyati, Eriska R, Risti SP, Willyanti Soewondo, Inne S. Sasmita
   Pages 1248-1252

3. MTA1 Expression in Salivary Mucoepidermoid Carcinoma: with Special Emphasis on Grading Systems
   Omar I. Ahmed, Lehadh M. AL-Azzawi
   Pages 1253-1257

4. The Potency of Carboxymethyl Chitosan/Amorphous Calcium Phosphate (CMC/ACP) as a Noncollagen Protein Analog to Dentine Remineralization
   Atria Mya Kelani, Nilakesuma Djauharie, Ratna Meidyawati, Endang Suprastiwi, Rivanti Irmadela Devina
   Pages 1258-1262

5. Effect of a Glide Path with Rotary Files on Apical Extrusion of Intra-Canal Debris during Root Canal Preparation Using a Reciproc System: an in vitro Study
   Alaa Shaker, Mohamad Salem Rikab, Moahmmd Alharissy
   Pages 1263-1267

   Kosno Suprianto, Kwartarini Murdiastuti
   Pages 1268-1273

7. Comparison of Bond Strength between Selected Orthodontic Adhesives versus Anterior Restorative Materials
   Mohd Haikal Muhamad Halil, Iswan Zuraidi Zainol, Khairul Bariah Chi Adam, Wan Nur Farhana Wan Rosman, Siti Zulaikha Ahmad
   Pages 1274-1279

8. Carbonate Hydroxyapatite-Hyaluronic Acid as Bone Healing Accelerator: in-vitro and in-vivo Studies on the Alveolar Bone of Wistar Rats
   Ernie Maduratna Setiawatie, Prihartini Widiyanti, Muhammad Ryan, Muhammad Rubianto
   Pages 1280-1286

9. Effects of Docosahexaenoic Acid (DHA) Microalgae(R) on Orthodontic Tooth Movement in the New Zealand White Rabbit
   Dyah Karunia, Pinandi Sripudyani, Sofia Mubarika, Sitarina Widyarini
   Pages 1287-1292
10. Anti-cancer and Anti-proliferation Activity of Ethyl Asetat Extract from Ant Nest (Myrmecodia pendants) in Burkitt’s Lymphoma Cancer Cells
   Harun Achmad, Sumintarti, Hendrastuti Handayani, Melyanti Sari
   Pages 1293-1297

11. Tooth Coating Gel with Casein Phosphopeptide–Amorphous Calcium Phosphate and Propolis to Prevent Dental Caries
   Sri Angky Soekanto, Nadiya Nur Husniah, Lucia Purwanti, Nindya Sulistyani, Heri Hermansyah, Anondho Wijanarko, Muhamad Sahlan
   Pages 1298-1304

12. Absorbance thickness in the formation of biofilm produced by Candida albicans due to glucose, lactose, protein (soy) and iron induction
   Indah Listiana Kriswandini, Aqsa Sjuhada Oki, Hendrik Setia Budi
   Pages 1305-1309

13. Application of Active Charcoal as An Ingredient of A Natural Bleaching Teeth
   Mirna Febriani, Ferry Jaya, Harwidadth Ayuning Tyas, Inne S. Sasmita
   Pages 1310-1321

14. Effect of a Light-Curing Unit on the PGE2 Concentration from the Pulp Fiber in an Animal Model
   Decky J. Indrani, Ratna S. Dewi, Rachmitasari Noviana, Permanawati Permanawati, Bernard Kurniawan
   Pages 1322-1327

15. Effect of Diabetes during Pregnancy to Fetal Tooth Germ Growth and Development
   Muhammad Nadhir Alkaff, Mei Syafriadi
   Pages 1328-1334

16. The Effect of Papain Towards mRNA Expression OF gtfB, gtfC, gtfD, gbpB and Streptococcus Mutans Biofilm Mass Formation
   Meirina Gartika, Mieke Hemiawati Satari, Alex Chairulfattah, Dany Hilmanto
   Pages 1335-1342

17. Propolis Microgel as Protective Agent for Odontoblast Cell in External Bleaching
   Nurhayaty Natsir, Juni Jekti Nugroho, Maria Tanumiharja, Sri Ekasari, Fuad Husain Akbar
   Pages 1343-1347

18. Comparison on Shear Bond Strength between Precoated and Non-Precoated Adhesive Technique (an in vitro Study)
   Luh De Puspita Dewi, Jusuf Sjamsudin, I Gusti Aju Wahju Ardani
   Pages 1348-1354

19. Fabrication of Chitosan-Chondroitin Sulfate/Hydroxyapatite Composite Scaffold by Freeze Drying Method
   Aminatun, Yunita Indriani, Dyah Hikmawati
   Pages 1355-1362
<table>
<thead>
<tr>
<th>Article Number</th>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Antioxidant Effect of Red Dragon Fruit Peel (Hylocereus polyrhizus) Extract in Chronic Periodontitis Rats</td>
<td>Hendrik Setia Budi, Wisnu Setyari Juliastuti, Ni Putu Clara Pitaloka</td>
<td>1363-1367</td>
</tr>
<tr>
<td>21</td>
<td>Enhancement of IL23-Independent IL17 Level on Intraperitoneal Injection of Candida albicans Cell Wall in Wistar Male Rat</td>
<td>Erna Sulistyani, Yoes Prijatna Dachlan, Suhartono Taat Putra</td>
<td>1368-1371</td>
</tr>
<tr>
<td>22</td>
<td>Physical and Bacteriological Properties Fluoridated Bottled Drinking Water</td>
<td>Diyah Fatmasari, Tri Wiyatini, Marichatul Jannah, Marsum Marsum, Karunia F Macdonalds</td>
<td>1372-1375</td>
</tr>
<tr>
<td>23</td>
<td>The Fabrication and Characterization of Chitosan-Ethanol Extracted Aloe vera Scaffold for Alveolar Bone Healing Application</td>
<td>Sularsih, Soetjipto, Retno Pudji Rahayu</td>
<td>1376-1381</td>
</tr>
<tr>
<td>24</td>
<td>Vegf Regulates Osteoblast Differentiation in Tension and Pressure Regions Orthodontic Tooth Movement Administered with Hyperbaric Oxygen Therapy</td>
<td>Arya Brahmanta, Noengki Prameswari</td>
<td>1382-1388</td>
</tr>
<tr>
<td>25</td>
<td>The Role of Biomarkers and Intra-Abdominal Pressure in Diagnosing and Predicting Mortality of Intra-Abdominal Infections</td>
<td>Dafina Mahmoutaj, Bedri Braha, Shaip Krasniqi, Valbona Zhjeqi, Agon Rrusta</td>
<td>1389-1396</td>
</tr>
<tr>
<td>26</td>
<td>Application of Apatite Carbonate Membrane Effect to Bleeding on Probing after Scaling and Root Planing</td>
<td>Ira Komara, Nunung Rusminah, Ina Hendiani, Siti Sopiatin, Nuryanni Dihin Utami</td>
<td>1397-1401</td>
</tr>
<tr>
<td>27</td>
<td>A Modified Method to Assess the Sagittal Jaw Relationship</td>
<td>Yasir R. Al-Labban, Zainab M. Kadhom, Mohammed Nahid</td>
<td>1402-1408</td>
</tr>
<tr>
<td>28</td>
<td>Nutritional Status of Hospitalized Nonsurgery Patients at a Nationwide Referral Hospital in Indonesia</td>
<td>Ina Farhaniah, Adiningsih Srilastari, Kemas Abdurrohim, Abdul Latif</td>
<td>1409-1415</td>
</tr>
<tr>
<td>Article Number</td>
<td>Title</td>
<td>Authors</td>
<td>Pages</td>
</tr>
<tr>
<td>----------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>30.</td>
<td>The Relationship Between Skeletal and Dental Characteristics in Patients with Class II Malocclusion</td>
<td>I Gusti Aju Wahju Ardani, Diamanta Anandamaya, Alida</td>
<td>1421-1425</td>
</tr>
<tr>
<td>32.</td>
<td>Types of Palatal Rugae for Sex Determination in the Indonesian Subpopulation</td>
<td>Rossy Sylvia Basman, Risco Taufik Achmad, Dian Retno Utari, Tigor Rona Airlangga Harya Bima, Elza Ibrahim Auerkari</td>
<td>1433-1435</td>
</tr>
<tr>
<td>34.</td>
<td>Determination of Oral Hygiene Status (OHI-S) and Dental Health Status (def-t) of Elementary School Age Children in Bandung City</td>
<td>Emma Rachmawati, Ame Suciat Setiawan, Ayu Trisna Hayati, Risti Primarti Saptarini, Dyah Nindita Carolina, Nunung Rusminah</td>
<td>1447-1451</td>
</tr>
<tr>
<td>35.</td>
<td>Internet Addiction among Dental Students in Malaysia</td>
<td>Ali S Radeef, Ghasak G Faisal</td>
<td>1452-1456</td>
</tr>
<tr>
<td>36.</td>
<td>Factors Related to Dental Caries in Children (3–5 Years) at Grogol Utara, South Jakarta</td>
<td>Iwany Amalliah Badruddin, Febriana Setiawati, Rizqi Assyifa Fauzia, Rezky Fauziah Permatasari, Peticia Lee</td>
<td>1457-1462</td>
</tr>
<tr>
<td>37.</td>
<td>The Prevalence of Mesioangular Impacted Lower Third Molar Among Patients Attending the Polyclinic, Faculty of Dentistry, IIUM</td>
<td>Nazih Shaaban Mustafa, Muhammad Ali Kashmoola, Omar Abduljabbar Abdulqader, Fatin Bazliina bt Kamarulzaman Hassan, Nur Diyana bt Ramli</td>
<td>1463-1467</td>
</tr>
<tr>
<td>38.</td>
<td>Caries Experience in People with Down Syndrome Aged 14 Years and Older in SLB C Jakarta</td>
<td>Claudia Isabella, Margaretha Suharsini, Mochamad Fahlevi Rizal</td>
<td>1468-1473</td>
</tr>
<tr>
<td>39.</td>
<td>Detection of Bacteria in the Dental Plaque in Children with Down Syndrome</td>
<td>Vlorë Hysenaj Cakollë, Sefedin Muçaj, Alberto Benedetti, Valë Hysenaj Hoxha</td>
<td>1474-1480</td>
</tr>
<tr>
<td>No.</td>
<td>Title</td>
<td>Authors</td>
<td>Pages</td>
</tr>
<tr>
<td>-----</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>40</td>
<td>Patient Satisfaction Level toward Conservative Dentistry Treatment in a Dental Hospital in Jakarta Indonesia</td>
<td>Naryndra Nastiti, Endang Suprastiw, Ike Dwi Maharti</td>
<td>1481-1486</td>
</tr>
<tr>
<td>41</td>
<td>Oral Health and Nutritional Status in Relation to Intelligence Quotient (IQ) of Children in Baghdad</td>
<td>Zainab Juma Jafar</td>
<td>1487-1491</td>
</tr>
<tr>
<td>42</td>
<td>Patient Satisfaction with Types of Complete Denture: A Study Using Validated Indonesian Version of Patient's Denture Assessment (PDA-ID) – A Pilot Study</td>
<td>Asri Diah Sastrawijaya, Lindawati Soetanto Kusdhany, Farisza Gita</td>
<td>1492-1498</td>
</tr>
<tr>
<td>43</td>
<td>Orthodontic Treatment Stability Assessment of Maxillary Arch Using Passive Self-Ligating and Conventional Brackets System in Adults Via Digital Calliper and Digital Dental Models: A Randomized Controlled Trial</td>
<td>Norma Ab Rahman, Fazal Shahid, Basaruddin Ahmad, Mang Chek Wey, Siti Adibah Othman</td>
<td>1499-1506</td>
</tr>
<tr>
<td>44</td>
<td>Comparison of the Educational Effect of Two and Three Dimensional Books on Dental Anxiety in Children With Hearing Impairment (Aged 7–9 Years)</td>
<td>Eva Fauziah, Selvyra Rachmawati, Aprillia Puspita Rachmadani, Cahyanti Wydiastuti Susilo</td>
<td>1507-1510</td>
</tr>
<tr>
<td>45</td>
<td>The Consistency of Case Selection in an Integrated Student Clinic of a Malaysian Dental School</td>
<td>Fouad Hussain-Al Bayaty, Nik Zarina Nik Mahmood, Izyan Hazwani Baharuddin, Aminda Faizura Omar</td>
<td>1511-1515</td>
</tr>
<tr>
<td>47</td>
<td>Identification of the Predominant Oral Microbiome in Pericoronitis</td>
<td>Ainaa Liyana Azemi, Siti Noor Adnalizawati Adnan, Rohazila Mohamad Hanafiah, John Chong Keat Hon, Ahmad Dzulfikar Samsudin, Azmiza Syawani Jasni</td>
<td>1522-1526</td>
</tr>
<tr>
<td>48</td>
<td>Smoking Habits of Outpatients at the Dental Hospital Faculty of Dentistry Universitas Indonesia</td>
<td>Gus Permana Subita, Salsabila Raihana Radian, Febrina Rahmayanti</td>
<td>1527-1532</td>
</tr>
<tr>
<td>49</td>
<td>A Randomized Controlled Trial on the Efficacy of Two Types of Manual Toothbrushes in Patients with Fixed Appliances</td>
<td>Zurairah Ibrahim, Syiral Mastura Abdullah, Azrul Hafiz Abdul Aziz, Ainuddin Yushar Yusof, Diana Md Zahid, Rohaya Megat Abdul Wahab</td>
<td>1533-1539</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>50</td>
<td>Comparison of the Masticatory Performance in Mixing and Comminuting Food in Complete Denture Wearers</td>
<td>Titus Dermawan, Gabriella Nasseri, Farisza Gita, Nina Ariani, Pinta Marito, Takahiro Ono, Lindawati S. Kusdhany</td>
<td>1540-1547</td>
</tr>
<tr>
<td>51</td>
<td>The effects of Audio-Visual Distraction Techniques on dental treatment anxiety during local anaesthetic procedures in children</td>
<td>Shubham Shekhar</td>
<td>1548-1554</td>
</tr>
<tr>
<td>53</td>
<td>Role of Body Composition on the Eruption Time of First Permanent Molars</td>
<td>Dwi Prijatmoko, Fakhirots Zakiyah</td>
<td>1563-1567</td>
</tr>
<tr>
<td>54</td>
<td>Oral Lesions in Patients with Tuberculosis: A Cross-Sectional Study</td>
<td>Reiska Kumala Bakti, Priyo Hadi, Bagus Soebadi, Diah Savitri Ernawati, Ni Made Mertaniasih</td>
<td>1568-1572</td>
</tr>
<tr>
<td>55</td>
<td>Salivary Human Beta Defensin-1 Level and Oral Health Status of Tobacco Smokers</td>
<td>Febrina Rahmayanti, Yuniardini S. Wimbardhani, Rahmatullah Irfani</td>
<td>1573-1576</td>
</tr>
<tr>
<td>56</td>
<td>Oral Health and Subjective Complaint of Oral Dryness of Methadone User at Jakarta Drug Dependence Hospital - Indonesia</td>
<td>Mohammad Reza, Gus Permana Subita, Siti Aliyah Pradono</td>
<td>1577-1584</td>
</tr>
<tr>
<td>57</td>
<td>Pattern of the Medical Conditions of Patients in the Dental Hospital of Faculty of Dentistry, Universitas Indonesia</td>
<td>Pramita Putri Pertibhi, Indriasti Indah Wardhani, Anandina Irmagita Soegyanto, Yuniardini Septorini Wimbardhani</td>
<td>1585-1590</td>
</tr>
<tr>
<td>58</td>
<td>Trans Cultural Adaptation and Validation Indonesia Version of Early Childhood Oral Health Impact Scale (I-ECHIS)</td>
<td>Poppy Andriany, Sondang Pintauli, Rahayu Lubis, Anton Rahardjo</td>
<td>1591-1596</td>
</tr>
<tr>
<td>59</td>
<td>Granulomatosis with polyangiits associated with alveolar bone loss – Case presentation</td>
<td>Zana Sllammiku-Dalipi, Fatmir Dragidella, Shefqet Mrasori, Metush Disho, Kastriot Meqa, Visar Bunjaku</td>
<td>1597-1600</td>
</tr>
</tbody>
</table>
TABLE OF CONTENTS / 2019; 12 (4)

60. Frenectomy using Two Clamps Technique: A Case Report
   Arni Irawaty Djais, Fuad Husain Akbar, Mardiana Adam, Sri Oktawati, Hasanuddin Tahir, Asdar Gani, Supiaty, Muliati Yunus, Dwi Putri Wulansari, Nur Indah Sari
   Pages 1601-1605

61. Applications of PEEK in Implant Retained Finger Prosthesis
   Pokpong Amornvit, Dinesh Rokaya, Sasiwimol Sanohkan
   Pages 1606-1609

62. Management of Varicella Zoster and Ulcer Manifestation in the Oral Cavity of a 5-years-old Patient
   Sri Hernawati, Sulistiyani
   Pages 1610-1612

63. Cone Beamed Computerized Dental Tomography in Dentistry
   Ebru Akleyin, Myroslav Goncharuk-Khomyn
   Pages 1613-1617

64. Polymerization of Resin-Based Composites Restoration: A Literature Review
   Maria Tanumihardja, Shinta Andries, Rehatta Yongki
   Pages 1618-1625

65. Clinical Applications and Outcomes of non-resorbable Polytetrafluoroethylene (PTFE) Membranes in Guided Bone Regeneration: Review
   Nilminie Rathnayake, Branko Trajkovski, Betul Rahman, Gregor-Georg Zafiropoulos
   Pages 1626-1635

66. Treatment of Generalized Aggressive Periodontitis with Guided Tissue Regeneration and Bone Grafting: A Systematic Review
   Mardiana Adam, Sari Utami, Sri Oktawati, Asdar Gani, Harun Achmad
   Pages 1636-1639

67. Fixed Partial Dental Prosthesis in Patient with Alveolar Bone Loss: A Systematic Review
   Steven Winarto, Edwina Lesal, Andi Adytha Mutiah Itte Rusiaty, Nur Intang, Ike Damayanti Habar
   Pages 1640-1643

MEDICINE

68. Endometrial \( \alpha v \beta 3 \) Integrin Expression in Macaca nemestrina Endometrium after Gonadotrophin Administration for Controlled Ovarian Hyperstimulation
   Nurhuda Sahar, Ichramsyah A. Rachman, R Muhraram, Nuryati Chairani Siregar, Kusmardi Kusmardi, Ninik Mudjihartini, Andhea Debby Pradhita, Rosalina Thuffi
   Pages 1644-1651

EXPERIMENTAL ARTICLE

69. 900 MHz Radiofrequency Radiation Has Potential to Increase the Expression of mno-miR-145-5p in Brain
   Suleyman Dasdag, Mehmet Emin Erdal, Nurten Erdal, Bahar Tasdelen, Mehmet Tughan Kiziltug, Korkut Yegin, Mehmet Zulkuf Akdag
   Pages 1652-1658
<table>
<thead>
<tr>
<th>Article Number</th>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>The Potential of Camellia sinensis Extract to Prevent HIV/AIDS Transmission Risk Through the Inhibition of Syncytiotub, GP120, and GP41 Formation</td>
<td>Reno Pudji Rahayu, Prihartini Widiyanti, Djoko Agus Purwanto</td>
<td>1659-1664</td>
</tr>
<tr>
<td>71</td>
<td>The Effects of Progesterone Administration in Mice During Pregnancy on Ovarian Development and Anogenital Distance of the Offspring</td>
<td>Najat A. Mohammad, Mohammad O. Selman, Nahla Al-Bakri, Enas I. Matloupe, Imad M. Al-Ani, Ghasak Ghazi Faisal, Azhar M. Suhail</td>
<td>1665-1670</td>
</tr>
<tr>
<td>72</td>
<td>Prevalence of Physical Activity and its Association with Body Mass Index Among Late Adolescents in Kuantan, Malaysia</td>
<td>Nurjasmine Aida Jamani, Abdul Hadi Said, Karimah Hanim Abd Aziz, Mohd Aizuddin Abd Rahman</td>
<td>1671-1675</td>
</tr>
<tr>
<td>73</td>
<td>Basic Long-Term Care Training for Informal Caregivers by the EPA Returnees and Local Trainers in Depok City, West Java, Indonesia</td>
<td>Dinni Agustin, Susiana Nugraha, Tri Suratmi, Fajar Susanti, Yuniardini Wimardhani, Tri Budi W. Rahardjo</td>
<td>1676-1680</td>
</tr>
<tr>
<td>74</td>
<td>Education Strategies for Preventing Zoonotic Disease Transmission Among Breeders, Traders, and Slaughter House Workers</td>
<td>Evi Martha, Nurhalina Sari, Andham Dewi, Shinta Normala</td>
<td>1681-1685</td>
</tr>
<tr>
<td>75</td>
<td>Association between XRCC3 Gene Polymorphism and the Risk of Head and Neck Squamous Cell Carcinoma</td>
<td>Listyowati, Amanda Viola, Yunardi Hanafi Midoen, Ferry Pergamus Gultom, Dwi Anita Suryandari, Eiza Ibrahim Auerkari</td>
<td>1686-1689</td>
</tr>
<tr>
<td>76</td>
<td>Need for Integrated Health Services for People with Schizophrenia and Cardiometabolic Risk: A Case Study</td>
<td>Gina Anindyajati, Ivan B Kurniawan, Hervita Diatri</td>
<td>1690-1696</td>
</tr>
</tbody>
</table>