

DENTISTRY

- EXPERIMENTAL ARTICLE**
1. **Repair Shear Bond Strength of Aged Provisional 3D-Printed Resin: Role of Repair Materials**
Nuthawat Taokhampu, Hathairat Lekatana, Jadesada Palasuk
Pages 1389-1394
- EXPERIMENTAL ARTICLE**
2. **The Effect of Calcium Hydroxide and Chitosan Combination as A Pulp Capping Material on The Increased Expression of Osteopontin and Runt-Related Transcription Factor 2 in Dentine Reparative Formation in Osteoporosis**
Dian Agustin Wahjuningrum, Ravishinta Efty Arwinda, Veronica Regina Rosselle, Setyabudi, Tamara Yuanita, Anuj Bhardwaj, Novaldy Wahjudianto, Michelle Callea, Cruz González Alberto Carlos
Pages 1395-1399
- EXPERIMENTAL ARTICLE**
3. **Fluoride Levels in Different Dental Pastes Marketed in Morocco**
Abdelouhahed El Alaoui, Abdellah Moustaghfir, Chadia Ouazzani, Issam Essebbahi, Abdallah Dami, Lhoussine Balouch
Pages 1400-1407
- EXPERIMENTAL ARTICLE**
4. **The Effect of 96% Ethanol Extract of Bidara Leaf (Ziziphus Mauritiana) on the Hemostatic Activity in Sprague-Dawley Rats**
Irvan Septrian Syah Putra Rasad, Wiwiek Poedjiastoeti, Moehamad Orliando Roeslan
Pages 1408-1413
- EXPERIMENTAL ARTICLE**
5. **Evaluation of the Effect of Nano-Hydroxyapatite Versus Nano-Hydroxyapatite 3D Scaffold Membrane on Osseointegration's Quality of Dental Implants (Radiographic and Histopathological Experimental Study)**
Heba Mohmed Fayed, Sherif Eid, Hala Yassin, Shereen Fathy, Yasmine Alaa El-din, Yasser Mohamed Helmy Elkamary, Waheed Abdelhamid Ahmed
Pages 1414-1424
- EXPERIMENTAL ARTICLE**
6. **OPG and RANKL Expression on Orthodontic Tooth Movement after Cacao Bean Extract Administration**
Rina Sutjiati, Leliana S. Devi, Herniyati, Rudy Joelijanto, Vanda Ramadhani, Dwi Prijatmoko, Shierin V. Fiolita, Syafika N. Fadiyah, Millenieo Martin
Pages 1425-1430
- EXPERIMENTAL ARTICLE**
7. **X-Ray Diffraction of Tetragonal Phase Zirconia Dioxide after Arteficial Aging and Loads**
Oleg Mordanov, Zurab Khabadze, Roman Meremkulov, Mohammad Sheibanian, Alim Bakov, Ahmed Tagirov, Saeid Saeidyan, Karen Karapetov, Shainyan Ashot, Anar Iskenderov, Viktoriia Golovina
Pages 1431-1435
- EXPERIMENTAL ARTICLE**
8. **The effect of Sarang Semut (Myrmecodia pendens and Myrmecodia tuberosa jack) as Antibacterial for Periodontal Pocket Therapy**
Lilies Anggarwati Astuti, Ika Fikriah, Sinar Yani
Pages 1436-1442

EXPERIMENTAL ARTICLE

9. **The Effect of Addition Cacao Pod Shell and Green Tea for Pulp Capping Materials on Reducing Malondialdehyde and Apoptosis Expressions**
Tamara Yuanita, Dian Agustin Wahjuningrum, Rosa Amalia Iqony, Setyabudi, Felina Lucia Charyadie, Shindyloken Juni Artha Tarigan, Michelle Callea, Niraj Kinariwala
Pages 1443-1448

EXPERIMENTAL ARTICLE

10. **Surface Roughness of Polished Translucent Zirconia after Immersion in Different Beverages and Temperatures**
Wasan Vatanasak, Taksid Charasseangpaisarn, Wanchalerm Preedapratayagul, Natchanon Chantasriviroj, Pitchapa Kongsakorn, Nattida Likitsuwanakool, Thankit Kittaweejitak
Pages 1449-1453

EXPERIMENTAL ARTICLE

11. **The Potential of Rosella Floss (*Hibiscus Sabdariffa* L.) as a Dental Plaque Disclosing Agent**
Vitri Nurilawaty, Tedi Purnama, Ai Emalia Sukmawati, Silvester Maximus Tulandi
Pages 1454-1461

EXPERIMENTAL ARTICLE

12. **Comparison of Quality of Obturation, Instrumentation Time and Post Operative Pain in the Primary Mandibular Molar Teeth using Three Different Manual Instrumentation system - a Randomized Clinical Trial**
Ahsana Asif, Ganesh Jeevanandan, Vishnu Priya Veeraraghavan, Mohamed El-Sherbiny, Jenan Moussa Alnamly, Nawaf Salah Ayad, Noorhan Alsaleebi, Ateya Megahed Ibrahim
Pages 1462-1468

EXPERIMENTAL ARTICLE

13. **Computational Mechanism of Brown Seaweed (*Sargassum duplicatum*) on Non-Alcoholic Fatty Liver Disease (NAFLD)**
Herin Setianingsih, Peppy Nawangsasi
Pages 1469-1473

EXPERIMENTAL ARTICLE

14. **The Effects of Acid Etching Time on Shear Bond Strength of 3Y-TZP and 5Y-TZP Zirconia to Composite Resin**
Nopchanok Kaewwichian, Piriya Yavirach, Pisaisit Chaijareenont, Apichai Yavirach
Pages 1474-1482

EXPERIMENTAL ARTICLE

15. **Effect of Combination of Red Pine and Ca(OH)₂ as Root Canal Sealer on Fibroblast Cell Apoptosis Through Caspase-3 Expression**
Tamara Yuanita, Sylvia Paulina Panggono, Devi Eka Juniarti, Setyabudi, Dian Agustin Wahjuningrum, Iin Indah Aris Wati, Adinda Fazzahra Salma, Michele Callea, Niraj Kinariwala
Pages 1483-1488

EXPERIMENTAL ARTICLE

16. **Investigation of Cytotoxicity of Dental Light-Curing Composite Materials**
Zurab Khabadze, Saida Abdulkherimova, Anastasia Likhonina, Yulia Generalova, Irina Eremina, Mariana Borlakova, Marina Dashtieva, Alena Kulikova, Khalimat Magomedova, Anastasia Mordanova, Timur Melkumyan
Pages 1489-1493

EXPERIMENTAL ARTICLE

17. **Effect of *Clinacanthus nutans* Leaf Extract on the Production of TGF- β 1 and bFGF in Human Dermal Fibroblasts**
Rezky Anggraeni, Moehamad Orliando Roeslan, Melanie Sadono Djamil, Boedi Oetomo Roeslan
Pages 1494-1500

TABLE OF CONTENTS / 2023; 16 (4)

- EXPERIMENTAL ARTICLE**
- 18. Comparative Evaluation of Physical and Antimicrobial Properties of Doxycycline Incorporated Formulation of Mineral Trioxide Aggregate - An In-Vitro Study**
Vignesh Ravindran, Ganesh Jeevanandan, Vishnu Priya Veeraraghavan, Mohamed El-Sherbiny, Jenan Moussa Alnamly, Nawaf Salah Ayad, Noorhan Alsaleebi, Ateya Megahed Ibrahim
Pages 1501-1509
- EXPERIMENTAL ARTICLE**
- 19. Observer Agreement in Temporomandibular Joint Space Measurement using Open-Source Software and Commercial Software**
Alhidayati Asymal, Menik Priaminiarti, Heru Suryonegoro, Brama Kiswanjaya, Hanna H Bachtiar-Iskandar
Pages 1510-1515
- EXPERIMENTAL ARTICLE**
- 20. Effects of Surface Treatments on Shear Bond Strength of Metal Bracket Bonded to Ultra-Translucent Zirconia**
Kunpreeya Wiriyamornchai, Paiboon Techalertrpaisarn, Tanan Jaruprakorn, Preeya Suwanwitid
Pages 1516-1522
- EXPERIMENTAL ARTICLE**
- 21. Increased Expression of Runx2 and Osteocalcin in Freeze Dried Bovine Bone Scaffold-Secretome Mesenchymal Stem Cell (In Vitro Laboratory Experimental Research on MC3T3-E1 Pre-Osteoblast Cell Culture)**
Danang Priyo Utomo, David Buntoro Kamadjaja, Ni Putu Mira Sumarta, Coen Pramono, Andra Rizqiawan, Andang Miatmoko, Eryk Hendrianto, Mohammad Zeshaan Rahman
Pages 1523-1529
- EXPERIMENTAL ARTICLE**
- 22. Digital Dental Patient Study Concept: Improved Approach for High Quality Dental Education Within the Conditions of War or Sanitary Restrictions**
Myroslav Goncharuk-Khomyn, Svitlana Kostenko, Volodymyr Melnyk, Liubov Bilyshchuk, Anatoliy Foros, Stepan Sheveria, Yuriy Bun, Ivan Bohdan, Oleksandr Bilynskyi
Pages 1530-1538
- EXPERIMENTAL ARTICLE**
- 23. Patient Satisfaction with Orthodontic Treatment**
Krisnawati, Miesje K Purwanegara, Retno Widayati, Lindawati S Kusdhany
Pages 1539-1545
- EXPERIMENTAL ARTICLE**
- 24. Incidental Findings in Digital Panoramic Radiographs among Dental School's Patients**
Hazar S. AlHarbi, Shaikha Aldukhail, Sara M. Elkhateeb
Pages 1546-1554
- EXPERIMENTAL ARTICLE**
- 25. Increased Number of Osteoblasts and New Bone Formation in Rat's Tooth Socket Implanted with Nanocrystalline Hydroxyapatite from Pensi Shells**
Andries Pascawinata, Arniati Labanni, Gusti Revilla, Roni Eka Sahputra, Syukri Arief
Pages 1555-1561
- EXPERIMENTAL ARTICLE**
- 26. User Experience and Perceived Benefits of Oral Health Impact Profile Mobile Application (OHIPMA)**
Ili Mazlina Mukhtar, Natalia Mohd Dani Goh, Nuruljannah Nor Azmi, Mahyunah Masud
Pages 1562-1566
- EXPERIMENTAL ARTICLE**
- 27. Lip Print Profiling of Tribes in Aceh Indonesia using the Suzuki-Tsuchiuchi Method**
Abdillah Imron Nasution, Raihan Saffitri, Rossa Oktaviani, Yunni Kardisa, Khuntum Khaira Ummah
Pages 1567-1572

EXPERIMENTAL ARTICLE

- 28. Comparison of Intraoral Sites Reached by Different Mouthwash Administration Methods**
Chalatip Chompunud Na Ayudhya, Chanyanuch Teerawong, Ruchadaporn Kaomongkolgit, Weeraya Tantanapornkul, Peerapong Wamasing, Chutamas Deepho, Sirilawan Tohnak
Pages 1573-1577

CLINICAL ARTICLE

- 29. Tootpaste Formulation of Telang Flower (Clitoria Ternatea L.) Ethanol Extract as an Antibacterial for Streptococcus Mutans and Antifungal for Candida Albicans in the Oral Cavity**
Dendy Murdiyanto, Sepriyani Kaswindiarti, Diyah Fatmasari, Fauzia Nur Maulida, Naura Hasna Yuanihsan
Pages 1578-1584

CLINICAL ARTICLE

- 30. The Effect of Fluoride Acid Etching Times on the Adhesive Behaviours of Porcelain Restorative Materials on the Cohesive Fractures of Porcelain Fused to Metal Restoration**
Femy Rilinda, Syafrinani, Saharman Gea, Putri Welda Utami Ritonga
Pages 1585-1594

CLINICAL ARTICLE

- 31. The Stability and Antibacterial Properties of Citronella and Lemon Oil Mouthwashes on Oral Biofilm**
Friska Ani Rahman, Ahmad Syaify, Ronny Martien, Siti Sunarintyas
Pages 1595-1601

CLINICAL ARTICLE

- 32. Effectiveness of "SIAP" Infection Control Methods to Reduce Microorganism Contamination in Dental Practice at Primary Healthcare Center**
Nur Khamilatusy Sholekhah, Chriswardani Suryawati, Henry Setyawan, Mohammad Zen Rahfiludin
Pages 1602-1609

CLINICAL ARTICLE

- 33. Intradermal Irritation Assessment of Ethyl Acetate Extract of Sarang Semut (Myrmecordia pendans) on Rat Skin: An In-Depth In Vivo Study**
Lusi Epsilawati, Azhari, Mieke Hermiawati Satari, Bambang Pontjo Priosoeryanto, Tri Isyani Tungga Dewi, Merry Annisa Damayanti, Aga Satria Nurrachman
Pages 1610-1615

CLINICAL ARTICLE

- 34. Genetic Variation using the 21 Str Codis Loci for Forensic Identification Examinations among Siblings of Madurese Living in Surabaya**
Ahmad Yudianto, Arofi Kurniawan, Beta Novia Rizky, M. Kholil Ikhsan, Shella Morina, William Daniel Napitupulu, Fery Setiawan, Indah Nuraini Masjkur, Qurrotun A'yunil Huda
Pages 1616-1619

CLINICAL ARTICLE

- 35. Production and Characterization of Membranes from Collagen of Carp Scales (Cyprinus carpio)**
Dyah Nindita Carolina, Mieke Hemiawati Satari, Bambang Pontjo Priosoeryanto, Agus Susanto, Cortino Sukotjo, Rahmana Emran Kartasasmita
Pages 1620-1626

CLINICAL ARTICLE

- 36. Salivary Total Protein Level in Elderly Patients with Periodontitis Related to Type 2 Diabetes Mellitus: A Community Based Study**
Sri Utami, Hari Kusananto, Dibyo Pramono, Nova Oktavia, Novitasari Ratna Astuti, Arya Adiningrat
Pages 1627-1631

CLINICAL ARTICLE

- 37. Physical Health of Males Residents from the Lowland Districts of Ukrainian Transcarpathia During the Post-Pubertal Period Depending on the Component Body Composition**
Olena Dulo, Nataliia Hema-Bahyna, Rustam Akhmetov, Myroslav Goncharuk-Khomyn, Yevhen Lokota, Viktoriia Onishchuk, Yurii Lokota
Pages 1632-1637
- 38. Stigma Toward People With HIV/AIDS among Health Science Students in Indonesia**
Indriasti Indah Wardhany, Lila Fairuz Febriyanty, Yuniardini Septorini Wimardhani
Pages 1638-1646
- 39. An Association Between Osteoporosis and the Mandibular Cortical Bone Among Post-Menopausal Women as Revealed by Pixel Intensity Imagery in Panoramic Radiograph**
Sirilawan Tohnak, Weeraya Tantanapornkul, Chanya Wongkasikam, Sirinthip Chansampao, Suwadjana Thongsuk, Taksaporn Thiansuwan, Thosapol Piyapattamin
Pages 1647-1651
- 40. The Role of Salivary Receptor Activator NF-Kappa B Ligand (RANKL) On Persistent Primary Teeth in Minangkabau Children**
Fuccy Utami Syafitri, Nila Kasuma, Eti Yerizel, Roni Eka Sahputra, Fildzah Nurul Fajrin
Pages 1652-1656
- 41. Recurrent Aphthous Stomatitis and Allergy: is it Related?**
Ariyati Yosi, Nurdiana, Nenni Dwi Aprianti Lubis
Pages 1657-1661
- 42. Chronic Lip Fissure: Clinical Presentation and Risk Factors**
P.M. Skrypnykov, I.M. Tkachenko, O.A. Pysarenko, T.A. Khmil, T.P. Skrypnikova, Y.V. Tymoshenko, O.O. Kulai
Pages 1662-1669
- 43. Measurement of Several Profile Angles in Chinese and Deutro- Malayid Populations in Surabaya to Determine Mean Profile Angles (Anthropometric Study for Surgical Guidance)**
Indra Mulyawan, Qonita Gurusy, Arien Safira Damayanti, Aloysius Donny Kuncoro Sigit, Coen Pramono Danudiningrat, Ganendra Anugraha, Reza Al Fessi
Pages 1670-1673
- 44. Examination of Salivary TNF-A and Antioxidant Capacity in Smokers Who Switch to Non-Combustion Product: A Randomized-Controlled Trial**
Indra Mustika Setia Pribadi, Afianti Sulastri, Amaliya Amaliya, Nina Djustiana, Achmad Syawqie Yazid Muqawwi
Pages 1674-1680
- 45. The Differences of Patient Satisfaction Level Post Two-Jaw and Single-Jaw Orthognathic Surgery**
Ida Ayu Evangelina, Avi Laviana, Elih Sayuti, Iwa Rahmat Sunaryo, Endah Mardiaty, Abel Tasman, Melly Sriwijayanti
Pages 1681-1686

CLINICAL ARTICLE

CLINICAL ARTICLE

- CLINICAL ARTICLE
- 46. New Three-Dimensional Cephalometric Analysis Based on Medium Field of View CBCT Scans: Setting of Normality Values for the 7-12 Years Old Children**
Larysa A. Dakhno, Tamara Vyshemyrska, Pavlo Burlakov, Myroslav Goncharuk-Khomyn, Natalia Rashchenko
Pages 1687-1700
- CLINICAL ARTICLE
- 47. Oral Manifestations of Asymptomatic and Mild-Symptomatic COVID-19 Patients**
Dhona Afriza, Fredia Heppy
Pages 1701-1705
- CLINICAL ARTICLE
- 48. Immunoexpression Rate of Human Telomerase Reverse Transcriptase in Rapidly Involuting Congenital Hemangioma Patients**
Cahyono Yudianto, Endang Sjamsudin, Yulianti Herry, Tantry Maulina
Pages 1706-1710
- CLINICAL ARTICLE
- 49. Feasibility Test of the "BAHUTE" Model: Technique for Cleaning Teeth in Deaf Children**
Emma Kamelia, Lina Rismayani, Hadiyat Miko
Pages 1711-1716
- CLINICAL ARTICLE
- 50. Correlation between Tooth Loss with Cognitive Function and Memory Function in the Elderly**
Rahmi Syafliida Dalimunte, Fasihah Irfani Fitri, Dina Nazriani
Pages 1717-1720
- CLINICAL ARTICLE
- 51. Correlation Between Parenting Stress and Parents' Knowledge and Attitude about Maintaining Dental and Oral Health Cleft Lip and Palate Children**
Nidia Risky Primanda, Willyanti Soewondo, Ratna Indriyanti, Eka Chemiawan, Arlette Suzy Setiawan
Pages 1721-1725
- CASE REPORT
- 52. Submandibular Duct Salivary Stone Perforating the Floor of the Mouth: Review of Literature and Case Series**
Fareedi Mukram Ali, Mohammed Mousa Bakri, Ahmed Shafer Alqahtani, Alwaleed Essam Bakri, Salman Ahmad Maree, Hassan Mohammed Mahnashi, Abrar Mohammad Madkhali, Abdulelah Talal Khawaji, Hajar Saeed Al Dira
Pages 1726-1733
- CASE REPORT
- 53. Maxillofacial Prosthesis: Hollow Customized Ocular Prosthesis Rehabilitation in Patient with Large Orbital Defect - Case report**
Ivony Fitria, Gunawan, Lisda Damayanti, Valentine Rosadi Sinaga, Calvin Atherton
Pages 1734-1737
- CASE REPORT
- 54. Cap Splint For Segmental Dentoalveolar Fractures In 11-Years Old Girl: A Case Report**
Tania Saskianti, Paramita Devi Oktaviani, Udijanto Tedjosasongko, Luc A.M. Marks, Achmad Nadian Permana, Puspita Ayuningtyas, Tiarisna Hidayatun Nisa
Pages 1738-1741
- CASE REPORT
- 55. Orthodontic Treatment of an Impacted Maxillary Central Incisor with Dentigerous Cyst in Male Patient – A Case Report**
I Gusti Aju Wahyu Ardani, Ari Triwardhani¹, Alida, Indra Mulyawan, Iyanda Vemala, Nina Agustin Chrystinasari, Dyshafilia Charindra
Pages 1742-1746

REVIEW

56. Cone-Beam Computed Tomography in Dental Practice: Literature Review and Own ObservationsYuliia L. Korobeinikova, Leonid S. Korobeinikov
Pages 1747-1752

REVIEW

57. Systematic Review and Meta Analysis: The Effect of Oral Health Literacy to Increasing Mother's KnowledgeWillia Novita Eka Rini, Muhammad Rusdi, Jodion Siburian, Umami Kalsum
Pages 1753-1757

REVIEW

58. Predictive Factors and Ideal Timing for Spontaneous Eruption of Displaced Canine after Primary Canine Extraction: A Literature ReviewPadalino Gabriella, Guarnieri Rosanna, Mariani Andrea, De Giovanni Daniela, Di Giorgio Roberto, Galluccio Gabriella, Barbato Ersilia
Pages 1758-1765

REVIEW

59. The Relationship between Neurology Disorder and Impacted Tooth- A Narrative ReviewIndra Mulyawan, Andra Rizqiawan, Leanita Berliani, Secha Amelia, Muhammad Abdul Mukti
Pages 1766-1769

REVIEW

60. Benefits of Different Techniques for the Treatment of Miller Class Iii-Iv Recession: A Systematic ReviewZurab Khabadze, Kristina Inozemtseva, Darina Shirokova, Anastasia Zakharova, Yulia Generalova, Omargadzhi Magomedov, Alena Kulikova, Saida Abdulkerimova, Marina Dashtieva, Yusup Bakaev, Zinaida Kozlova, Tatyana Eliseeva
Pages 1770-1773

REVIEW

61. Capsaicin as a Potential Anticancer Agent: A Literature ReviewWinnie Yohana, Risti Saptarini Primanti
Pages 1774-1776

REVIEW

62. Effect of Initial Periodontal Treatment on Interleukin-1 β Gingival Crevicular Fluid with Chronic Periodontitis: A Rapid ReviewAgus Susanto, Siti Sopiati, Adnin Rahma Dini
Pages 1777-1784

REVIEW

63. Cases of Obstructive Sleep Apnea in Mouth Breathers: Rapid ReviewWinnie Yohana, Syahda Salsabila Nursafudin, Kartika Sari Indah
Pages 1785-1790

REVIEW

64. The "Platform Switching" Effect in Implant-Supported Prosthetics as a Prevention of Alveolar Ridge Bone LossZurab Khabadze, Adam Kubrin, Yulia Generalova, Alena Kulikova, Saida Abdulkerimova, Marina Dashtieva, Yusup Bakaev, Akhmed Tagirov, Viktoriia Golovina, Karen Karapetov, Saeid Saeidian
Pages 1791-1796

REVIEW

65. An Overview of Titanium Dioxide Effect on Mechanical Properties of PMMA-TiO₂ NanocompositesPurnomo, Dwi Windu. K. Arti, Ana Hidayati Mukaromah, Muhammad Subri, M. Edi Pujiyanto
Pages 1797-1803

REVIEW

- 66. Lesson Learned from Antiseptic Mouthwash in COVID-19 Pandemic Then, Now and Future: A Systematic Review**

Patr Pujarern, Jidapha Taruwunnapun, Boontharika Chuenjitkuntaworn
Pages 1804-1818

REVIEW

- 67. Clinical Strategies in Prosthetic Rehabilitation and Candidiasis Management in a Cleft Lip/Palate Patient: A Case-Report**

Nicolas Pinto-Pardo, Matias Junge, Javier Montecinos
Pages 1819-1823

REVIEW

- 68. Astaxanthin is a Promising Therapy for Wound Healing in Diabetic Conditions: A Review**

Dwi Andriani, Retno Indrawati Roestamadji, Retno Pudji Rahayu
Pages 1824-1829

REVIEW

- 69. The Prevalence of Inflammatory Periodontal Diseases (Gingivitis, Periodontitis) among the Population**

Zurab Khabadze, Alena Kulikova, Yulia Generalova, Saida Abdulkerimova, Marina Dashtieva, Yusup Bakaev, Ashot Shainyan, Malik Yusupov, Viktoriia Golovina, Karen Karapetov, Saeid Saeidyan, Adam Kubrin
Pages 1830-1835

REVIEW

- 70. The Role of Hyperbaric Oxygen Therapy on the Management of Mandibular Osteoradionecrosis: A Scoping Review**

Yun Mukmin Akbar, Santika Nuroktapiani, Sri Tjahajawati, Suhardjo Sitam, Amaliya Amaliya, Ani Melani Maskoen, Endah Mardiaty, Ganesha Wandawa
Pages 1836-1845