

Editor's Note

The development of science and technology in the field of dentistry in the last few decades is very fast. In addition, the community also demands to get better dental health services. Therefore, this special issue is expected to increase the knowledge and skills of dentists in order to achieve professionalism and be ready to compete in the global era.

In this special issue were selected articles from the 4th International Scientific Meeting (DENTISPHERE 4) in conjunction with the 5th ASEAN Plus & Tokushima Joint International Conference, 29–30 November 2019, organised by the Faculty of Dentistry, Universitas Hang Tuah, Indonesia with the theme “Current Concept and Technology in Improving Dental and Oral Health Care”. The authors who have contributed to this special issue are experts in their own area. This special issue cover 13 articles related to both basic and clinical dental sciences in the form of review article, original articles and case reports.

This special issue starts off with a review article entitled “Peri-Implant Diseases and Gastrointestinal Diseases” that was written by Utmi Arma and Nadhifah Salsabila. The article discussed the association between gastrointestinal disease and peri-implant disease.

Agni Febrina Pargaputri and Dwi Andrian wrote the article entitled “Hepatocellular Liver Function of Immunosuppressed Rats with Oral Candidiasis after Hyperbaric Oxygen Treatment: ALT and AST Levels”. The authors investigated the impact of hyperbaric oxygen treatment to hepatocellular liver function, and they found that hyperbaric oxygen treatment affected the alanine transaminase (ALT) and aspartate transaminase (ALS) levels of immunosuppressed rats with oral candidiasis.

The article entitled “Antibacterial Effectiveness of Calcium Hydroxide combined with Cresotin against *Enterococcus faecalis*” was written by Aprilia, Belinda Kusuma and Istien Wardani. In order to obtain the effective root canal sterilisation material, the authors found that the combination of calcium hydroxide and cresotin was the most effective materials to inhibit the growth of *Enterococcus faecalis*.

Traditional medicine is an important alternative treatment of human diseases. In this special issue, Dwi Andriani, Agni Febrina Pargaputri, Kristanti Parisihni and Syamsulina Revianti wrote an article entitled “*Acanthus ilicifolius* L. Treatment for Oral Candidiasis with Immunosuppressive Conditions Subjected to p38 MAPK Enhancement”. The authors used *Acanthus ilicifolius* L. extract as the candidate for antifungal drugs.

Indra Bramanti, Annisa Hidaratri Uningojati, Dilla Asriyani, Urfa Tabtila, Fathul Muin and Bramanti Nadya Kausara with their article entitled “Effectivity of *Camellia sinensis* Extract with Nano-chitosan to Fibroblast Amounts of Wistar Rats Gingival Wound Healing Process” found that the green tea extract gel encapsulated nano-chitosan was effective for gingival wound healing.

Eliminating pathogenic bacteria is one of the most important factors in endodontic treatment. Sri Kunarti, Nunik Nuraini, Farida Widhi Astuti, Cecilia G.J. Lunardi and Lulytha Rahmanike Putri in their article entitled “Irradiation Time of Photodynamic Therapy to the Number of *Lactobacillus acidophilus*” stated that longer photodynamic therapy irradiation reduced the number of *Lactobacillus acidophilus* bacteria that caused failure in endodontic treatment.

Moreover, the potential of collagen from salmon skin for oral traumatic ulcers was researched by Syamsulina Revianti, Puguh Bayu Prabowo, Lita Agustia and Isidora Karsini was written in the article entitled “Innovative Treatment Using Salmon Skin Extract as Topical Application for Traumatic Oral Ulcer Healing: Animal Models”.

Ryna Dwi Yanuaryska, Afrit Aditya Atmoko, Isti Rahayu Suryani and Rurie Ratna Shantiningsih wrote the article entitled “Viability and DNA Damage of Buccal Mucosa Cells in Patients Exposed to Panoramic X-ray”. In the article, the panoramic X-ray affected the cell viability and caused DNA damage; hence, protection for the patient is very important.

This special issue also contains five interesting Case Report articles. Hilda Fitria Lubis, Nurhayati Harahap and Ananda Permata Sari wrote the article entitled “Skeletal Class II Malocclusion Treatment with Combined Twin Block and Lip Bumper Appliances: A Case Report”. It was concluded that twin block and lip bumper appliances are particularly good alternative treatment in managing selected cases of skeletal Class II malocclusion.

Menik Sayekti, Liska Barus, Ni Putu Mira Sumarta and Norifumi Nakamura in their article entitled “Closure of Oronasal Fistulae Post Palatoraphy with Tongue Flap in Bilateral Complete Cleft Lip Palate Patient: A Case Report” reported that pedicle tongue flap is a good technique to close oronasal fistulae post palatoraphy.

Currently, dental implants are the treatment that is often used to replace missing teeth. Paulus Budi Teguh and Chaterina Diyah Nanik used one-piece implant to replace missing tooth in limited space with less trauma of the soft tissue. The approach could be found in the article entitled “One-piece Implant Placement as an Alternative and Acceptable Treatment for Missing Tooth Rehabilitation: A Case Report”.

The article entitled “Challenges in Diagnosis and Therapy of Recurrent Oral Herpes Infection: Study of Two Cases” was written by Dwi Kartika Sari, Febrina Rahmayanti, Harum Sasanti and Ambar Kusuma Astuti that highlighted the management of recurrent oral herpes infection cases.

The last article was written by Charissa Roderica Hoediono and Ghita Hadi Hollanda entitled “Bone Augmentation in Extrusive Teeth Repositioned Using Bone Grafts”. The authors suggested that the technique used in the case was very simple, safe and effective.

As the Guest Editor I would like to thank all the authors, reviewers, the publisher, the editorial board and especially to the Archives of Orofacial Sciences Editor-in-Chief, Associate Professor Dr. Dasmawati Mohamad for her guidance and support. My great thanks are also given to the Faculty of Dentistry, Universitas Hang Tuah for providing the excellent international scientific forum.

Sincerely,

A handwritten signature in black ink, which appears to read 'Ketut Suardita'.

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