

The University of Hong Kong

香 港



大 學

Faculty of Dentistry

Certificate of Attendance

Ernie Maduratna Setiawati

has attended the continuing professional development programme on

Title : The 9th Asian Pacific Society of Periodontology Meeting

Date : 9 September 2011 – 9:30am to 6:10pm
10 September 2011 – 9:00am to 6:20pm

Speakers : 9 keynote and 11 country speakers

Venue : L'Hotel Nina et Convention Centre, Hong Kong

CPD credit : Dental Council of Hong Kong 13
College of Dental Surgeons of Hong Kong 13



Professor L.P. Samaranayake
Dean



Professor Nabil Samman
Associate Dean -
Postgraduate & Continuing Education

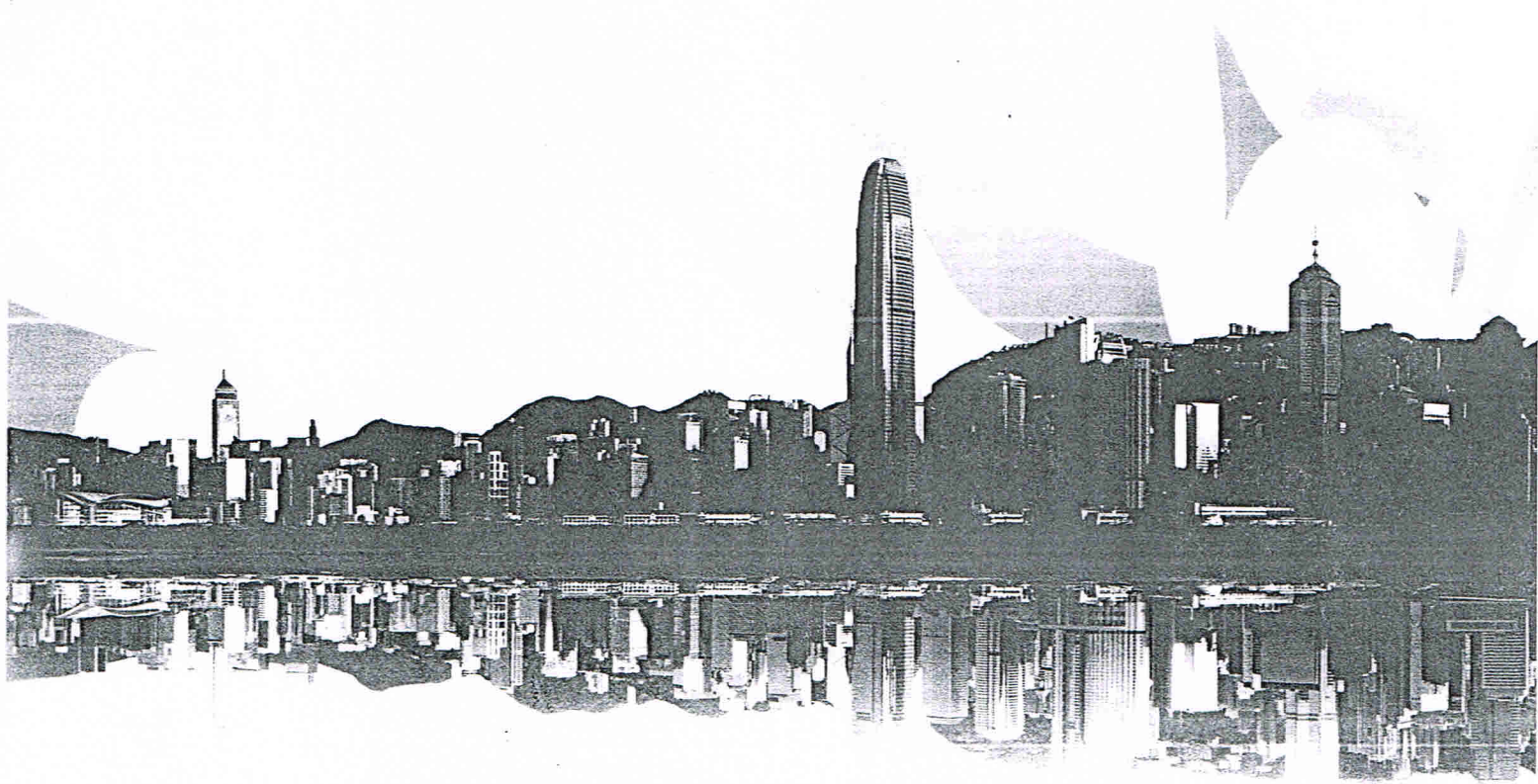


9th  **Society
of Periodontology Meeting**

Multi-disciplinary management of periodontal diseases

9 – 10 SEPTEMBER | 2011

L'Hotel Nina et Convention Centre, Hong Kong SAR, China



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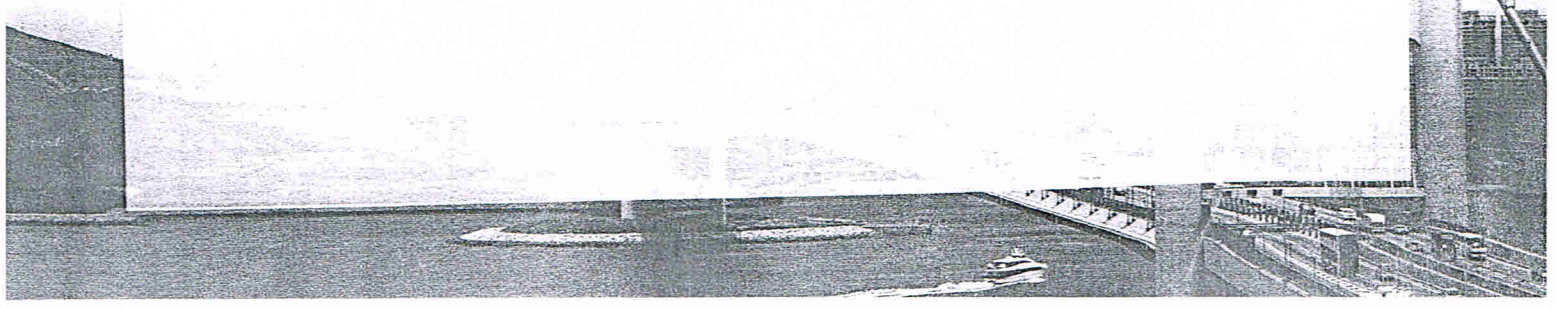
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Group E

Day 1 - Friday 9 September, 2011

Time: 3:30pm – 4:00pm

Presiding judge	Poster No	Presenter	Presentation Topic
Dr. Chung Kong Mun	E1	Dr Lin Wai Shun Wilson	Effect of the Health Belief Model on OHI Outcome in Periodontal Patients
	E2	Dr TAN Wah Lay	A systematic review of post-extraction alveolar bone dimensional changes in humans and animals
	E3	Dr Ji Wan Hwang	Bone formation of synthetic block type bone graft on rabbit calvaria
	E4	Dr Li Gao	Identification of lipid mediator profiles in aggressive periodontitis patients
	E5	Dr Li Zhang	Clinical outcomes of treatment periodontal intra-bony defects with a reconstituted bovine porous bone mineral containing bone morphogenetic proteins

Group F

Day 1 - Friday 9 September, 2011

Time: 4:50pm – 5:30pm

Presiding judge	Poster No	Presenter	Presentation Topic
Prof. Isao Ishikawa	F1	Prof Oyunbat Bold	Effect of the new herbal preparation, Akhizunber, on younger and older adults with recurrent aphthous stomatitis
	F2	Dr Hisashi Watanabe	A randomized control trial of Mastic usage in the periodontal treatment
	F3	Ms Ahran Cho	The effect of Epigallocatechin-3-Gallate on periodontal disease in rat: A pilot study
	F4	Mr Lin Minkui	Different in vitro potential in Periodontal Tissue Regeneration between PDLCs and BMSCs
	F5	Dr Kenjiro Ohashi	A Case Report of Generalized Aggressive Periodontitis Followed by Periodontal Regenerative Therapy Using Enamel Matrix Derivative
	F6	Dr Renukanth Raman	The impact of periodontal disease and its intervention on the oral health related quality of life among Type 2 diabetics
	F7	Dr Ernie Maduratna Setiawati	Anti oxidant activities of minocycline 0,0125% - 0,2% in the saliva of chronic periodontitis patient by the DPPH assay
	F8	Dr Ni Jia	Periodontal Treatments in a Case with Acatalasemia and Periodontitis: a case report and 13-year Follow-up

Abstract No	Anti oxidant activities of minocycline 0,0125% - 0,2% in the saliva of chronic periodontitis patient by the DPPH assay Setiawati EM, Ramadina S Faculty of Dentistry, Airlangga University Surabaya, Indonesia
<p>Background: The saliva of chronic periodontitis patients will be oxidative stress due to increase risk breakdown of DNA gingival epithelium. The mechanism of DNA breaks are present from varieties source, such as lipid peroxidation, oxidation of proteins and potential enzymes and the loss of proinflammation cytokine. Minocycline was a second generation tetracyclines known to present several other effects, which are independent from their antimicrobial activities. Minocycline demonstrated anti oxidant effect with radical scavenging activity comparable with alfa tocopherol. Minocycline belonging to the class of phenolic antioxidant.</p> <p>Objectives: We studied in a comparative antioxidant effect of minocycline at 0.125% - 0,2% in the saliva of chronic periodontitis patient by the DPPH assay.</p> <p>Methods: Saliva were collected from patient who has chronic periodontitis with standard procedure. It was added with DPPH and varieties concentration of minocycline at 0.125 % - 0,2 %. Each of group concentrations will be conducted 8 replications. The antioxidant effect of minocycline to the DPPH assay was carried out using UV-VIS Shimadzu Spectrofotometer at $\lambda=517$ nm</p> <p>Results: The inhibition of minocycline with the DPPH assay was determined base on the absorbance after five minutes quenching. The highest inhibition of minocycline to the DPPH assay is 0.1% concentration significantly.</p> <p>Conclusion: Oxidant in saliva of chronic periodontitic patients can be inhibited by minocycline at 0.1% concentration. In this context, minocycline particularly relevan in the adjunctive management of periodontal disease</p>	

Background

Periodontitis, leads to loss of periodontal attachment to the root surface and adjacent alveolar bone which ultimately results in tooth loss. Recent paradigm shows the importance of balance between oxidant and antioxidant inside the cell.¹ The saliva of chronic periodontitis patients will be oxidative stress due to increase risk breakdown of DNA gingival epithelium. Minocycline was a second generation tetracyclines known to present several other effects, which are independent from their antimicrobial activities. Minocycline demonstrated anti oxidant effect with radical scavenging activity comparable with alfa tocopherol. Minocycline belonging to the class of phenolic antioxidant.

Objectives: We studied in a comparative antioxidant effect of minocycline at 0.125% - 0,2% in the saliva of chronic periodontitis patient by the DPPH assay.

Methods: Saliva were collected from patient who has chronic periodontitis with standard procedure. It was added with DPPH and varieties concentration of minocycline at 0.125 % -





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1	Registration fee of 9th Asian Pacific Society of Periodontology Meeting on 9-10 September 2011, Hong Kong	1	230.00	USD	230.00
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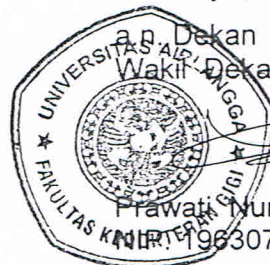
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No	Nama – NIP	Pangkat/Jabatan
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2	Noer Ulfah,drg.,SpPerio(K) NIP. 196010101987022001	Penata (gol. III/c) / Lektor

sebagai pembicara *pada 9th Asian Pacific Society of Periodontology Meeting* pada tanggal 9 – 10 September 2011 di L'Hotel Nina et Convention, Hongkong SAR.

Demikian surat tugas ini harap dilaksanakan dengan sebaik-baiknya .

Surabaya, 7 September 2011



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