

SEMINAR BOOK

Faculty of Dental Medicine Universitas Airlangga Surabaya

7th TIMNAS
4th JSMiD | **2017**



The 7th Temu Ilmiah Nasional
The 4th Joint Scientific Meeting In Dentistry

Hotel Shangri-La Surabaya, October 5th-7th 2017

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Committee

- Person In Charge (Dean)** : DR. R. Darmawan Setijanto, drg., M.Kes
1st Advisory (Vice Dean I) : Prof. Dr. Anita Yuliati, drg., M.Kes
2nd Advisory (Vice Dean II) : Dr. Agung Sosiawan, drg., M.Kes
3rd Advisory (Vice Dean III) : Dr. Rini Devijanti Ridwan., drg., M.Kes

- Chairperson** : Bambang Agustono, drg. M.Kes,
Vice Chairperson : Dr. Hendrik Setia Budi, drg., M.Kes.
1st Secretary : Yuliati, drg., M.Kes
2nd Secretary : An'nisaa Chusida, drg., M.Kes
1st Treasurer : Dr. Rini Devijanti Ridwan, drg., M.Kes
2nd Treasurer : Deny Saputra, drg., M.Kes

Scientific Team

Main Lecture:

- Dr. Desiana Radithia, drg., SpPM
- Ervina Restiwulan Winoto, drg., SpOrt., M.Kes.
- Reiska Kumala Bhakti, drg.
- Adya Pramusita, drg., M.Si

Short Lecture:

- Dr. Ni Putu Mira Sumarta, drg., SpBM(K).
- Alida, drg., Sp.Ort., M.Kes.
- Fatma Yasmin Mahdani, drg., M.Kes
- Saka Winias, drg., M.Kes

Hands On:

- Tania Saskianti, drg., SpKGA., M.Kes.
- Ardianti Maartrina Dewi, drg., SpKGA., M.Kes.
- Mefina Kuntjoro, drg., SpPros., M.Kes.

Proseding:

- Maretaningtias Dwi Ariani, drg, M.Kes., Ph.D.
- Dr. Pratiwi Soesilawati, drg., M.Kes.
- Eric Priyo Prasetyo, drg., SpKG., M.Kes
- Nadia Kartikasari, drg., M.Kes

Award :

- Nurina Febriyanti Ayuningtyas, drg., M.Kes., Ph.D.
- Andra Rizqiawan., drg., Ph.D., SpBM(K).
- Alhidayati Asymal, drg.

Fund and Exhibition Team

- Harry Laksono, drg., SpPros., M.Kes
- Dr. Michael Josef Kridanto K., drg., M.Kes., SpPros(K).

Event and Welcome Dinner Team

- Irma Josefina Savitri, drg., SpPerio(K), PI
- Dr. Sindy Cornelia N., drg., SpKGA(K)
- Mega Moeharyono, drg., SpKGA., Ph.D.

Publication and Documentation Team

- Ramadhan Hardani Putra, drg., M.Kes
- Setyabudi, drg., SpKG., M.Kes
- Gilang Rasuna Sabdho Wening, drg, M.Kes

Registration Team

- Dr. Widya Saraswati, drg., M.Kes., Sp.KG
- Febriastuti Cahyani, drg., SpKG., M.Kes
- Eka Fitria Agustuna, drg., SpPerio., M.Kes.

Food and Beverages Team

- Dr. Ira Arundina, drg., M.Si
- Dr. Shafira Kurnia S., drg., SpPerio(K).
- Devi Eka Juniarti, drg., SpKG., M.Kes

Equipment, Accomodation, and Transportation Team

- Dr. Agung Krismariono, drg., M.Kes., Sp.Perio(K)
- Dr. Muhammad Luthfi, drg., M.Kes.
- Imam Safari Azhar, drg.
- Lambang Bargowo, drg., SpPerio., M.Kes

Security Team

- Dr. Taufan Bramantoro, drg., M.Kes
- Betadion Rizki Sinaredi, drg., SpKGA., M.Kes.
- Indra Mulyawan, drg., SpBM.
- Ananda Firman Putranto, drg., M.Kes.

Technology Team

- Aqsa Sjuhada Oki, drg., M.Kes.

General Information

Seminar Status : International Seminar
 Day, Date : Thursday-Saturday, October 5th-7th 2017
 Place : Shangri-La Hotel Surabaya
 Theme : Holistic Oral Health Achievement Through
 Basic Medical and Dental Clinical Science

Schedule

THE BIG REUNION OF FKG UNAIR (Wednesday, October 4th 2017)
 At FKG UNAIR Surabaya

FKG UNAIR AWARD 2017 AND OUT LOOK 2018 (Wednesday October 4th 2017)
 18.30 WIB at Ballroom Shangri-La Hotel Surabaya

OPENING CEREMONY OF 7th TIMNAS AND 4th JSMid (Thursday, October 5th 2017)

Time	Schedule	Venue
08.15 - 08.20	Safety briefing	Ballroom Shangri-La Hotel Surabaya
08.20 - 08.25	Opening the stage	
08.25 - 08.35	Singing Indonesia Raya	
	Singing Hymne Airlangga	
08.35 - 08.50	Traditional dance : Saman from DENTARI	
08.50 - 09.00	Speech from the chairman: Bambang Agustono, drg.,M.Kes.,SpPros	
09.00 - 09.10	Speech from the dean: DR. R. Darmawan Setijanto, drg., M.Kes	
09.10 - 09.25	Speech from the Major: Tri Rismaharini	
09.25 - 09.35	MOU on cooperation between FKG UNAIR and National intitution	
09.35 - 09.45	Prayer	
09.45 - 09.50	Opening remarks of event and dental expo	

NETWORK AND PARTNERSHIP MEETING (Friday, October 6th 2017)

Time	Keterangan	Invitation	Venue
16.00 - 18.00	MOU on cooperation between FKG UNAIR and International intitution	Kagoshima Univ. Hirohsima Univ. Niigata Univ. Tohoku Univ. Osaka Univ.	VIP room Shangri-La Hotel Surabaya

WELCOME DINNER WITH THE SPEAKERS (Friday, October 6th 2017)
 Casual Dinner at Portofino

AWARD ANNOUNCEMENT (Saturday, October 7th 2017)
 18.15 WIB at Ballroom Shangri-La Hotel Surabaya

CLOSING CEREMONY OF 7th TIMNAS AND 4th JSMid (Saturday, October 7th 2017)
 16.30 -17.00 WIB at Ballroom Shangri-La Hotel Surabaya

MAIN LECTURE

Holistic approach to oral ulcer management in daily practice

Diah Savitri Ernawati

Department of Oral Medicine, Faculty of Dental Medicine, Airlangga University, Surabaya-Indonesia

Oral ulcer is a common complaint of patient because of the diversity in its causes, manifestation of oral ulcer can be challenging to diagnose and manage, patient with oral ulcer sometimes referred to a specialist such as dermatologist. The aim of this presentation is to provide a brief on oral ulceration in its diagnosis and management. It is concluded that oral ulcer can be caused by local factor and systemic disorders that can present simillars clinical signs and symptom. It is important for dentist to provide proper holistic management.

Key words: Holistic Approach; Oral ulcer management

MAIN LECTURE

Augmentation using stem cell as preprosthetic treatment in flat ridge cases

Michael Josef Kridanto Kamadjaja

Departement of Prosthodontics, Faculty of Dental Medicine, Airlangga University, Surabaya-Indonesia

Experimental study of bone tissue engineering, an alternative to autogenous bone graft showed promising result, however its healing mechanisms and effectiveness has not been fully understood until today. The aim of this study is to describe the difference in bone healing mechanism and effectiveness between chitosan – carbonate apatite in the regeneration of calvaria bone defect. Ten whistar rat were divided into 2 groups based on the time of observation eight weeks, each group consisting of rats per group. Ten rats were sacrificed for histology and immunohistochemistry staining. Eight-weeks analysis showed the expression of Runx2, ALP, osteocalcin and collagen type-1 fibres were higher in tissue engineering groups than control group. These results indicated that the osteogenic activities were higher in tissue engineering group than control group. This study concluded that healing activities were higher in tissue engineering group than control group, also the bone forming capacity in tissue engineering group was comparable to control group.

Key words: chitosan; carbonate-apatite; calvaria bone defect.

MAIN LECTURE

Fat Taste

Jenny Sunariani

Department of Orabl Biology
Faculty of Dental Medicine, Airlangga University, Surabaya-Indonesia

Fat taste is one of the 5 additional taste buds or referred to as oleogustus. Taste is closely related to oleogustus, which perceived as a bad taste. There are several receptor types of CD36 receptors, DRK channel, GPR40 family, GPR120 which has a special function. CD36 for early taste of fatty taste, Delayed Rectifying K⁺ (DRK) Channels play an important role in ear transduction of fatty flavor; GPR40 family is a receptor of free fatty acids that play a role in the remodeling process and GPR120 Omega-3 Fatty Acid Receptor Mediating Potent Anti-Inflammatory and Insulin Sensitizing Effects. Disorders CD36, DRK channel, GPR40 family, GPR 120 can cause appetite disorders, weight loss, inflammation and diabetes.

Key words: Fat taste; CD36; DRK channel; GPR40 ad GPR 120; disorders

MAIN LECTURE

The tooth coronal index: A tool for age estimation in Indonesian population

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Background and Purpose: Age estimation is an important aspect to create a biological profile of an individu related forensic anthropology and odontology. Tooth-coronal index (TCI) was applied in age estimation because practically, simple, non-invasive and ethically viable. This method were implemented in many countries, but it has been never done in Indonesian population. The study aimed to test the reliability and applicability of TCI method, for the purpose of developing standards of age estimation for Indonesian population. **Methods:** The study were conducted on 451 orthopantomographs of Indonesian individuals of known age and sex. TCI was calculated individually for the mandibular premolars, and the first and second molar. Data was analyzed using paired sample t-tests to assess bilateral asymmetry followed by simple linear and multiple regression to develop age estimation models. **Result and Discussion:** The most accurate age estimation using simple linear regression is mandibular right second premolar (SEE ± 7.454 years). Multiple regression models improved age prediction accuracy considerably and the most accurate model with bilateral first and second premolars (SEE ± 3.435 years). This study represents first investigation of this method in a Indonesian population. **Conclusion:** TCI is a useful methods for assessing age with reasonable accuracy

Key words: age estimation; TCI; orthopantomograph