

**fdi**



# 6<sup>th</sup> FDI - IDA JOINT MEETING

Balikpapan International Dental Exhibition 2010



## PROGRAM & ABSTRACTS

**CLINICAL EXCELLENCE AND GREEN DENTISTRY :**

**BRING CHEERFUL SMILE TO THE WORLD**

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15.30 – 15.50	Yufri Mayasari, Amasastra Bahar: <b>Dental Caries as an Infectious Disease and Its Relationship with a Window of Infectivity</b>	Hutasoit E, Ismah, Soegiharto BM: <b>The Effectiveness of Sodium Hyaluronate on Healing of Traumatic Ulcer Caused by Fixed Orthodontic Appliances</b>	E. M. Arief, Akram Hassan, Raja Azman Awang: <b>Prevalence, Causes, Problems and Treatment Needs of Gingival Recession: An update</b>	Nila Aya Maulidina, Heriandi Sutadi: <b>Early Extraction of Two Upper Deciduous Teeth Presented With Bilateral Conical Type Supernumerary Teeth on a 7 Years Old (Case Report)</b>
15.50 – 16.10	Wazillah Nasserie: <b>Laminin Imunoexpression as Occurrence Indicator of Dentinal Bridge on Calcium Hydroxide Pulp Capping</b>	Maria Purbati, Indratoto, Laura Susanti Himawan: <b>Occlusion and Temporomandibular Joint on Normal and Asymmetrical Faces in Orthodontic Perspective</b>	Mei Syafridi, Siska Yumira, Pratiwi Eka Muhandini, Riza Dwijayanti: <b>Manifestations, Treatment Modalities and Prognosis of Oral Cancer In East Java From 2004 – 2008</b>	Nurfailla DS, Zainul Cholid, Mei Syafridi: <b>The Pre-Erupted Study of Mandibular Third Molar Inclination Among 14 to 17 Year Old</b>
16.10 – 16.30	Aries Chandra Trilaksana: <b>Treatment of Periapical Disorders With Aperesection</b>	Olivia Pribadi, Erwin Siregar: <b>Bone Density as A Factor That Influence Orthodontic Mini-Implants Stability (a Literature Review)</b>	Diri Iswandari: <b>Medical Disciplinary in Context of Professionalism</b>	Marcia, Gus Permana Subita: <b>Management of Necrotizing Ulcerative Gingivitis Related to Chronic Lymphocytic Leukemia (A Case Report)</b>
16.30 – 16.50	Risqa Rina Darwita, Febrina Setyawati, Herry Novrinda, Iradani Yupiteringrum: <b>Work Stress And Periodontal Disease</b>	E.M. Arief, A.K. Nazirah, A. Rehman: <b>Arterial stiffness in gingivitis: a comparative cross-sectional study</b>	Iwan Dawanto, Medi Septario: <b>Infection Control Implementation at Dental Practice in Yogyakarta City</b>	Adi Prayitno, Widya Asmara, Muharjo DHA, Suhartono Taat Putra: <b>The Influence Of Bisindolylmaleimide Gf 109203x and Phorbol Myristic Acetate In Macrophages Phagocytosis Activity Toward C. Albicans</b>

**ORAL PRESENTATION**
**Sunday – November 14, 2010**

	MERATUS ROOM	ROOM 6	ROOM 9	VIP 1 CHIANG PALACE
14.00 – 14.20	Abdul rochim bafagih: <b>Sex in Dentistry</b>	Henny O. Danan: <b>Behavior Management in Children with Psychological Trauma Due To Dental Treatment (Case Report)</b>	Himawan Halim: <b>Pendulum Appliance as Space Regainer in Orthodontic Treatment</b>	Williyanti Syarif: <b>Relationship between Birth Weight and Enamel Defect Probability in Small for Gestational Age Children</b>
14.20 – 14.40	Zahreni-Hamzah: <b>The Local Soy-Milk-Honey As A Good Nutrition For Mandibular Health In Geriatric Patiens</b>	Audiawati, Siti Aliyah P: <b>Erosive Oral Lichen Planus : Clinical Features and Management in Children Patient (Case Report)</b>	Jusuf Sjamsudin: <b>Orthognathic Surgery in Orthodontic, Why &amp; When (Case Report)</b>	Erlina Sih Mahanani, Muhammad Firdaus Mohd Shuimi: <b>The Odontoblast Density in the Crown and Root of Single Rooted Human Teeth</b>
14.40 – 15.00	Kussulistyowati Putri W., Benny M. Soegiharto: <b>Botox Injection as an Alternative Treatment For Excessive Gingival Display (Literature Review)</b>	Helisa Ramelya, Heriandi Sutadi: <b>Management of Radicular Cyst and Fibrous Epulis in a 11-Year Old Girl (A Case Report)</b>	Agnes Sukandar, Nia Ayu Ismanati: <b>The Role of Autotransplantation in Orthodontic Treatment (Literature Review)</b>	Tetiana Haniastuti: <b>Immunohistochemical Study of the Innervation of Human Carious Teeth Using Protein Gene Product 9.5</b>

**POSTER PRESENTATION**  
**Saturday – November 13, 2010**  
**Venue: Mirror Room**

No	AUTHOR(S)	TITLE
1.	Agi Ardianti, Maria Purbiati	Non-Extraction Treatment of Class III Malocclusion With Anterior Crowding (Case Report)
2.	Amiyatun Naini, Suhartini.	The Ability to Adhere Candida Albicans of Acrylic Resin and Valplast Denture Base
3.	Anna Ferlinasan, Kamizar	Case Report Conventional Retreatment on a Maxillary First Molar with Broken Instrument in Mesio Buccal Canal
4.	Ardo Sabir	Using Flavonoids as a Natural Products With High Pharmacological Potency to Improving Oral Health
5.	Ardo Sabir	Rat dental pulp tissue reaction after capped with propolis derived non-flavonoids extract
6.	Auerkari EI, Adwiry MSK, Widurini DS, Sandra F, Wicaksono BD	White Tea Extract Reduces the Viability of Oral SCC Cell Lines in vitro by Inducing Apoptosis
7.	Aynie Yunita, Safrida Hoesin	Non-Vital Tooth Bleaching of Discolored-Maxillary Central Incisor: A Case Report
8.	Besse Tenri Awaru	The Therapeutic Properties of Propolis in Conservative Dentistry and Endodontic Treatment
9.	Boenjamin-Partakusuma F, Ibrahim-Auerkari E, Dillon DH, Suharsini M	Anemia and underweight among Indonesian Schoolchildren with Angular Cheilitis
10.	Budi Yuwono	The Effect of Coffe Consumptions on Bone Wound Healing
11.	Budi Yuwono, Abdul Rochim	The Effect of Vital Sign on Adrenalin Addition in Local Anaesthetic on Block Injection of Alveolaris Inferior Nerve
12.	Christine A. Rovani	Intracoronary Bleaching of discolored non-vital anterior tooth with Walking Bleach Technique
13.	Desi Sandra Sari	Calprotectin in Gingival Crevicular Fluids Correlates With Clinical Parameter And With The Count Of Black-Pigmented Anaerobes Bacteria On The Aggressive Periodontitis
14.	Devy Noviana, Ratna Meldiyawati	Intentional Endodontic Treatment On Maxillary Second Molar to Prepare the Tooth as an Abutment for Fixed Partial Denture
15.	Dewi Kristiana	The effect of <i>Averrhoa Billimbi</i> Leaf Extract as Denture Cleanser on The Transversal Strength of Acrylic Resin
16.	Didin Ema Indahyani, Izzata Barid, Ari Tri Wanodya Handayani	Effect of Lemuru Fish oil on Tooth Structure Following lipopolysaccharide-induced Periodontal Infection during odontogenesis in rat
17.	Dini Asrianti	Esthetic Onlay as a Restoration of Choice in Post Endodontic Posterior Tooth (Case Report)
18.	Dwi Prijatnoko	The Role of Body Composition in Determining Bone Maturity
19.	Dyah Juniar Hymawatty	The PFAPA Syndrome in Oral Medicine: Differential Diagnosis and Treatment
20.	Dyah Setyorini, Sulistiyani	Effectiveness of Fluoride Topical Application on the Number of <i>Streptococcus Mutans</i> Colony
21.	Eddy Hermanto, Andri Hardianto	Peripheral Osteoma of the Mandible : a Case Report
22.	Emy Ardana	Resin Based Root Canal Sealer Combined With Self-Etching Bonding Agent
23.	Febriana Setiawati Sugito	The Pattern of Severe-Early Childhood Caries (S-ECC) of Children Under Three Years Old in DKI Jakarta
24.	Febriana Rahmayanti, Yuniardini S Wimaradhani	Aphthous Like Ulcers in Patient with Gastrointestinal Disorder (A case report)
25.	Femmy Riyeni Puteri, Hendrarlin Soenawan	Fiber-Reinforced Composite as A Fixed Space Maintainer : A Case Report
26.	Ferry Jaya, Yosi Kusuma Eriwati	Effect of Surface Treatment On Adhesion to Dentin
27.	Ferry P Gultom	Use Neighbour Joining Technique to Inactivate Gene <i>cdt</i> Aggregatibacter Actinomycetemcomitans Bacteria
28.	Ganesha Wandawa, Dewi Nurul Mustaqimah, Elza Ibrahim Auerkari, Suyanto Sidik	Hyperbaric Oxygen as Alternative Adjunctive Therapy in Treatment of Chronic Periodontitis: Its Effect on Periodontal Pathogens
29.	Hesti Witasari, Muryati Usman	Case report: Endodontic Retreatment using Retreatment Rotary systems
30.	I Dewa Ayu Ratna Dewanti	Neem leaves ( <i>Azadirachta indica</i> ) Improved Oral Mucosa Defense Mechanism Against <i>Candida albicans</i>
31.	lin Eliana Triwahyuni	Effect of Immunosuppression and <i>C.albicans</i> Infection to The Macrophage Phagocytosis Activity
32.	Imelda Sriulina Sinulingga, Himawan Halim	Compromised Treatment of Skeletal Class III Malocclusion in Adult
33.	Indah Ekasari, Faruk Hoesin	Treatment of severe crowding case

34.	Irmaleny, Nurlan Sumawinata, Dewi Fatma, Martine Abdassah	Acute Toxicity Test of an Analgesic Herbal <i>Jatropha Curcas</i> L. Latex on Animal Models
35.	Isnandar, Kasman Manullang, Hendro S. Yuwono	Marginal Resection of Cemento-Ossifying Fibroma on Mandible Anterior Region (A Case Report)
36.	Jeffrey Limanto, Himawan Halim	Management of Dental Anterior Open Bite with Tongue Thrust Habit Using Combination of Tongue Crib and Manipulation Bracket Placement (Case Report)
37.	Jummyanto Pareang, Andi Sumidarti Anas	Comparison of Antibacterials Activity of Citronella Essential Oil ( <i>Cymbopogon winterianus</i> ) and Cinnamon Essential Oil ( <i>Cinnamomum burmanni</i> ) to the Growth of Bacteria Found in Caries.
38.	Juni Jekti Nugroho	Management of Non Vital Immature Teeth (Case Reports and Review)
39.	Kemala, N	Treatment of Non-Vital Tooth Discoloration using Internal Bleaching Technique
40.	Mindy Y, Hedjanti J, Niniarty Z D	pBMP-2 Transfection into an Odontoblastic Lineage Cell as a Stem Cell Contribution for Regenerative Dentin Formation
41.	Ratna Farida, Endang Bachtiar, Melissa, Jeng Seriana, Rina Septiani	The Effect of Gel Containing Anti Streptococcus mutans Serotype-C IgY on the Formation of S. mutans Biofilm (in vitro)
42.	Sarwono AT, Widurini, Andejani TW, Arifa	Anti-Inflammatory Activity of Outer Layer Aloe Barbadensis Leaf Extract on Accelerate Healing Process of Oral Mucous Ulceration
43.	Sri Utami, Sri Rejeki, BM Bachtiar, Purwita Nurwidayastuti	Effect of Xylitol Chewing Gum on Protein Concentration of Salivary Mutans Streptococci
44.	Widurini DS, Sarwono AT, Septiana NS, Auerkari EI	The Effect of Black Cummin Application to Oral Mucous Inflammation

**POSTER PRESENTATION**  
**Sunday - November 14, 2010**  
**Venue: Mirror Room**

No	AUTHOR(S)	TITLE
1.	Leliana S Devi AP	Management Treatment of Class II Division 1 Malocclusion with Multiple Diastemas in Lower Arch (Case Report)
2.	Leliana S Devi AP, Rina Sutjiati	Corrosion Behavior of Titanium Orthodontic Wire
3.	Lina Handayani	Extirpation of The Tongue Fibroma in Children (Case Report)
4.	Luzi Hidayati	The Increase of Gingival Sulcus Volume and Calprotectin Degree on Abutment Teeth Fixed Partial Denture
5.	Marta Davina, Dewi Anggraini Margono	Case report: Two Types of Endo-Perio Lesions in One Mouth
6.	Marta Juslily, Mita Juliawati	Establish an Emotional Connection between Patient and Dental to achieve High Performance Dental Practice
7.	Marty Adars, Faruk Husein	Deep Over Bite Correction in Class II Division 2 Malocclusion Using Reverse Curve Arch Wire
8.	Miege Karmiali Purwanegara	Early Detection of Mouth Breathing as a Bad Habit
9.	Mita Juliawati, Marta Juslily	The Role of Human Resource Management in Dental Practice
10.	Muhammad Nurul Amin	The Role of Osteoclast and Osteoblast in Accelerating Orthodontic Tooth Movement
11.	Noyandyta Hapeari, Nila Kusuma	Endodontic Therapy Through Artificial Crown - case report
12.	Palupi Kumara Sari, Agus Nurwadh, Rama Nusjriwan	Upper Airway Obstruction Caused by Odontogenic Infection (Case Report)
13.	Patricia Iskandar, Hanu Setyo Anggani, Retno Widayati	Patient's Knowledge About The Benefits and Side Effects of Orthodontic Treatment in RSGMP FK UI
14.	R. Indriutami, N. Sumawinata.	Endodontic Retreatment on Weine Type 4 Configuration Mandibular First Premolar
15.	Rasmidar Samad, MS, Ra'idah Bulu, Herman Yopardi	Parents Perception Related to Impact of Children Dental and Oral Health to Quality of Life of Their Children in Urban and Rural Areas in Makassar Municipality
16.	Renta Frianty, Krisnawati	Treatment of protusion and open bite case with extrusion upper molar using transpalatal arch as anchorage
17.	Rina Sutjiati, In Eliana Triwahyuni	Decreasing of The Total Number of Cervical Lymph Node Cells Caused By Immunosuppression and <i>Candida albicans</i> Infection
18.	Rizka Kusumah Adriani, Danu Indrawati	Non-vital Tooth Whitening Treatment with the Walking Bleach Technique using 35% Hydrogen Peroxide Gel: Case Report
19.	Siti Aliyah P	Patient Education and Stringent Follow-Up Influencing The Outcome of Steroid-Treated Erythema Multiforme (Case Report)
20.	Siti Andi Rahmayanti Laya	Descriptive results of the profile of dental practitioners who use digital dentistry in Malaysia
21.	Sulistiyani, Roedy Budi Raharjo	Cleft Lip and Cleft Palate in Children: Description and Treatments
22.	Sumantari, Emi Marlina	Oral Traumatic Ulcer
23.	Trijani Suwandi	The Initial Treatment of Mobility Teeth and Closure Diastema in Chronic Adult Periodontitis
24.	Vega Roosa Fione, Anton Rahardjo	Probiotic Chewing Gum For Prevention Of Halitosis
25.	Wahdaniyah Masdy	Use Amalgam Bonding Sistem as Core Post Endodontik
26.	Zahrent-Hamzah, Didin Erma Indahyani, Peri Pujiastuti	The role of Local Soy-Milk-Honey on Prevention Mandibular Bone Damage in Rats

**THE ROLE OF LOCAL SOY-MILK-HONEY ON PREVENTION MANDIBULAR BONE DAMAGE IN RATS**

**Zahreni-Hamzah, Didin Erma Indahyani, Peni Pujiastuti**  
*Staff Fac. of Dentistry - Jember University*

The Soy Milk and The honey respectively have been used to prevent bone damage. Generally, more individual not prefer to consume soy-milk from local soybeans. MLSMH considered to prevent mandibular bone damage, because it has many substances those have synergistic functions and many biological activity for mandibular bone. The aims of this research are analyses the effects of The Local Soy-Milk from local/baluran variety, Glycine max (L) Merrill mixed by honey from coffee areal estate bees in Mixed Local Soy-milk-honey/MLSMH to proliferation of osteoblast and osteoclast. The Methods: 24 male Wistar rats were equally divided in 4 groups, such are the saline as control group (group 1),  $\beta$ -APN group (group 2), MLSMH +saline group (group 3), and MLSMH + $\beta$ -APN (group 4). Experimental alveolar bone damage was induced by beta-aminopropionitrile ( $\beta$ -APN) once daily subcutaneous administration of at a dose of 5 mg/0.4 ml per 100 g of body weight for 40 days and intake MLSMH by gaster sondage twice a day at 8-9 a.m and 3-4 p.m. The Results under this experiment conditions showed that (1) number of osteoblast decreased in group 2, and increased in group 3 and 4. There are not significant different in group 3 and 4; (2) number of osteoclast very increased in group 2, and decrease in group 3 and 4. There are not significant different between group 1, 3 and 4 ( $p < 0.05$ ). The conclusion of this research is MLSMH may prevent mandibular bone damage in rats by increasing of osteoblast and decreasing of osteoclast.

Keywords: MLSMH /Mixed Local Soy-Milk-Honey, TNF- $\alpha$ , IL-1 $\beta$ , mandibular bone