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"Strategic Achievement of Oral Sciences and Promotion of Quality of Life and Professional Education for Oral Hygienists by Using Information and Communication Technology"

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ASEAN plus and TOKUSHIMA Joint International Conference on "Strategic Achievement of Oral Sciences and Promotion of Quality of Life" and "Professional Education for Oral Hygienists by Using Information and Communication Technology"

Organized by

Collaboration,
Faculty of Dentistry The University of Tokushima
School of Dentistry Universitas Muhammadiyah Yogyakarta
Faculty of Dentistry Universitas Hang Tuah
Program and Proceeding Book
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December 7th, Friday, Poster Presentation Area

13:30-15:40 (Poster Hall)

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    Arya Adiningrat, Keiko Miyoshi, Hiroko Hagita, Taigo Horiguchi, Ayako Tanimura, Ryna
    Dwi Yanuaryska, Takafumi Noma
    Department of Molecular Biology, Institute of Health Biosciences, The University of
    Tokushima Graduate School

P2  An acidic milieu suppresses DR4 editing to cause myeloma resistance to TRAIL
    Ryota Amachi, Masahiro Abe, Keiichiro Watanabe, Shiro Fujii, Takeshi Harada, Hirokazu
    Miki, Shingen Nakamura, Asuka Oda, Masahiro Hisa, Eiji Tanaka, Toshio Matsumoto
    Department of Orthodontics and Dentofacial Orthopedics and Department of
    Medicine and Bioregulatory Sciences, Institute of Health Biosciences, The University of
    Tokushima Graduate School

P3  Effects of Smad3 gene inhibition on scar formation
    Naoko Yoneda, Akihiro Yasue, Eiji Tanaka
    Department of Orthodontics and Dentofacial Orthopedics, Institute of Health
    Biosciences, The University of Tokushima Graduate School

P4  Mechanism involved in the constitutive expression of AQP5 in human salivary gland
    acinar cells
    Yoshiko Yamamura, Katsumi Motegi, Keiko Aota, Tomoko Yamanoi, Yukihiro Momota,
    Masayuki Azuma
    Department of Oral Medicine, Institute of Health Biosciences, The University of
    Tokushima Graduate School

P5  A comparative analysis of the effect of rhTNF-α treatment on the stem cell phenotype
    of cells derived from dental pulp, periodontal ligament and bone marrow
    P.T. Hai, M. Ono, E.S. Haru, M. Ueda, W. Sonoyama, P.V. Lieu, T. Kuboki
    Department of Oral Rehabilitation and Regenerative Medicine, Okayama University
    Graduate School of Medicine, Dentistry and Pharmaceutical Sciences; Department of
    Oral and maxillofacial surgery, Haiphong Medical University, Vietnam

P6  Porosity of dental phosphate-bonded investments after setting and heating processes
    Ji-Young Bae, Kenzo Asaoka
    Department of Biomaterials and Bioengineering, Institute of Health Biosciences, The
    University of Tokushima Graduate School
P67 Chronic Traumatic Ulcer on the Lateral Tongue like Squamous Cell Carcinoma
Dwi Suhartiningtyas
School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah Yogyakarta, Indonesia

P68 Direct Resin Bonded Prostheses Fiber Reinforced Composite Anterior Bridges: A Case Report
Hastoro Pintadi¹, Diah Kurnia²
¹Department of Prosthodontic, School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah Yogyakarta, Indonesia
²Student of Clinical Stage, School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah Yogyakarta, Indonesia

P69 Resign and withdraw the abstract

P70 Anterior Crossbite Correction in Mixed Dentition with Inclined Bite Plane (Case Report)
Arva Brahmana, Budi Handayani, Lisdiana Tandjung
Orthodontic Laboratory, Faculty of Dentistry, Hang Tuah University, Surabaya, Indonesia

P71 Fractures of Primary and Permanent Teeth Involving the Pulp due to Injuries (Case Study)
Liane Andajani T
Pedodontics Department, Faculty of Dentistry, Trisakti University, Indonesia

P72 Direct Placement Implantation and Immediate Overdenture for Direct Aesthetic Result (Case Report)
Marcello Wibowo
Dentist at Wibowo Dental Clinic, Surabaya

P73 Treatment of Class II Type Skeletal Malocclusion in Patients Age 13 Years Old with Activator
Merlinda Dewi Ridmawati
Student of School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah Yogyakarta, Indonesia

P74 The Treatment of Severe General Chronic Periodontitis: A Case Report
Yoifah Rizka
Periodontics Department, Faculty of Dentistry, Hang Tuah University, Surabaya-Indonesia
P75  Jacket Crown Porcelain Fused to Metal with Custom Dowel Core on Four Maxillary Inisivisus Teeth  
Yusrini Pasril  
School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah, Yogyakarta, Indonesia

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Arya Brahmanta, Robianto Mulyosoemarto, Noengki Prameswari  
Orthodontic Laboratory, Faculty of Dentistry, Hang Tuah University, Surabaya, Indonesia

P77  Allergic Stomatitis as Orthodontic Treatment’s Side-effect (Case report)  
Bisono WA², Palmasari A², Naffiah², Isidora KS², Handayani B²  
¹Student of Faculty of Dentistry, Hang Tuah University, Surabaya, Indonesia  
²Lecturers at Faculty of Dentistry, Hang Tuah University, Surabaya, Indonesia

P78  Giant Osteoma Maxilla (A Case Report)  
Ronny Baehaqi  
Dentist, Oral and Maxillofacial Sugeon Specialist, General Hospital (RSU) Blambangan Banyuwangi, Indonesia

P79  Management of Open Bite Anterior Malunion due to Neglected of Le Fort I Fracture with Osteotomy Lefort I Technique and wire suspension: Case Report  
Harfindo Nismal², Abel Tazman³, ¹  
¹Student of Specialist in Oral and Maxillofacial Surgery, Faculty of Dentistry, Universitas Pajajaran/RS. Dr. Hasan Sadikin Bandung.  
²Staff of Department of Oral and Maxillofacial Surgery Faculty of Dentistry, Universitas Pajajaran/RS. Dr. Hasan Sadikin Bandung.  
³Staff of Department of Orthopedic Surgery and Traumatology, Faculty of Dentistry, Universitas Pajajaran/RS. Dr. Hasan Sadikin Bandung.

P80  Suspect Leukoplasia in a Smoker’s Becak’s Driver (Case Report)  
Poniandari Is², Dila P², Kusumastuti E², Isidora KS², Aprilia²  
¹Student and Lecturers at Health Expert Development, Kediri, Indonesia  
²Lecturers at Faculty of Dentistry, Hang Tuah University, Surabaya, Indonesia

P81  Management of Lateral Root Canal Perforation of the Upper Incisivus Centralis  
Erma Sofiani  
School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah, Yogyakarta, Indonesia
of pseudomembranous ulcer base yellowish white color, edentulous area on 14, 45, 46, 47, extruding teeth 15, 16, 17 and OHI being. Differential diagnosis: traumatic ulcers, squamous cell carcinoma with a working diagnosis, traumatic ulcers e.c. extrusion 15, 16. Management of these case: CIE (communication, information and education), grinding 15, 16, palliative therapy (topical corticosteroid) and controls. Clinical evaluation 2 weeks later showed improvement ulcers. **Conclusion:** This case shown that the clinical picture of chronic traumatic ulcers in tongue like squamous cell carcinoma. History and clinical examination will provide the proper diagnosis and appropriate management.

**Keywords:** mouth ulcers, chronic, traumatic tooth

P68
Direct Resin Bonded Prostheses Fiber Reinforced Composite Anterior Bridges: A Case Report
Hastoro Pintadi¹, Diah Kurnia²

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²Student of Clinical Stage, School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah Yogyakarta, Indonesia

**Background:** The lost of the anterior teeth is often a serious concern. Glass fiber reinforced composite resin systems may be used as conservative alternatives to conventional fixed partial dentures (FPDs) for the replacement of single missing tooth. **Objective:** This article describes a clinical condition that fiber reinforced composite used to provisionally restore anterior edentulous area in functional and aesthetic. **Case:** A female patient age 35 years old lost her left incisival centralis superior tooth. **Treatment:** To restore the lost of patient’s left incisival centralis superior tooth, patient was given prostheses in which these prostheses were composed of two types of composite materials, fiber composites to build for frame work and hybrid or microfil particulate composite to create external veneer surface. **Conclusion:** clinical appearance and mastication functional by patient after fiber reinforced composite treated is satisfy and look well. **Keywords:** Fiber reinforced composite, edentulous, veneer

P69
Resign and withdraw the abstract

P70
Anterior Crossbite Correction in Mixed Dentition with Inclined Bite Plane (Case Report)
Arya Brahmantra, Budi Handayani, Lisdiana Tandjung,
Orthodontic Laboratory, Faculty of Dentistry, Hang Tuah University, Surabaya, Indonesia

**Background:** Anterior crossbite correction in early mixed dentition is highly recommended, as this kind of malocclusion is usually an indicator of a skeletal growth problem and a developing Class III malocclusion. **Objective:** The aim of this case report is to know the mechanism of inclined bite plane as functional appliance for managing class III malocclusion. **Case:** In this article we would like to presents a 12 years girl with class III malocclusion, SNA 80⁰, SNB 84⁰ANB - 4⁰, Overjet - 2 mm, overbite 3 mm, and concave facial profile. This is a simple functional appliance used in the lower arch (jaw), which works as an inclined plane. The appliance was left in the patient’s mouth
of jacket crown porcelain fused to metal and gingival surrounding the teeth shows in normal condition. Teeth show good function and also raised self confidence of patient as well.

**Keywords:** Jacket crown porcelain fused to metal, custom, dowel core.

P76
Twin Block - Functional Appliance in Managing Early Treatment of Class II Malocclusion
(Case Report)

_Arya Brahmanata_*, Robianto Mulyosoemarto, Noengki Prameswari,
Orthodontic Laboratory, Faculty of Dentistry, Hang Tuah University, Surabaya, Indonesia

**Objective:** Class II skeletal malocclusion is a skeletal facial deformity comprise from maxilla prognatism, mandible mandible retrognatism or combined of both, that characterized by convex facial profile. The aim of this case report is to know the mechanism of twin block as functional appliance for managing class II skeletal. **Case:** This case report presents a 8 years old boy with clas II skeletal malocclusion, SNA 78°, SNB 71°ANB 7°, overjet 11 mm, overbite 5 mm, and convex facial profile. Twin block was applied for this patient. Twin Block could restrain growth of maxilla and stimulate mandible growth in growth age. This mechanism related to the growth of condylar cartilage caused by stimulation of condroblast activity and cells surround, so the length of mandible can increase. Twin block also stimulate the increasing pterygoid muscle activity.

**Keywords:** class II skeletal, growth age, twin block

P77
Allergic Stomatitis as Orthodontic Treatment’s Side-effect (Case report)

_Bisono WA¹, Palmasari A², Nafirah², Isidora KS², Handayani B²,
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²Lecturers at Faculty of Dentistry, Hang Tuah University, Surabaya, Indonesia.

**Background:** Orthodontic fixed appliance is one of the appliances that used in the Orthodontic cases, to make a good and perfect performance. Nowadays it’s become a booming trend to wear this appliance, including the Faculty of Dentistry’s student, that having knowledge about Orthodontic. The purpose of this paper was to know the side effect of the condition of this student, wearing fixed orthodontic appliance. **Case:** The case was a 22 years old girl, worn a fixed appliance (F.A) since 8 month ago. A week after the insertion of the F.A., her oral mucosa begun suffered with the ulcerations. The management of the case was, according to the severe of the illness, inspiring her latest doctor to do some allergic tests. The results were, allergic to seafoods and chicken. After avoided the allergens and toke the antihistamines routinely, the ulcers getting well. **Conclusion:** The conclusion of this case was, allergic stomatitis that manifest as ulcers, had to be regards as a holistic condition. It had to be cured as a general condition. Suggestion for this case was, for being pretty, if allergic to the materials used in the fixed appliance, had to prepare the holistic condition, both in psychological and physical.

**Key words:** Fixed-appliance, allergic-stomatitis