



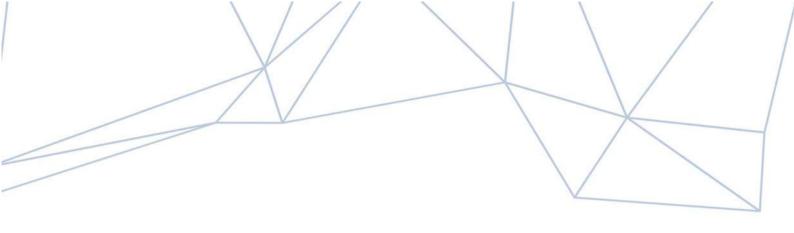
The Programme Book of

DENTISPHERE

INTERNATIONAL SCIENTIFIC MEETING 5TH ASEAN PLUS & TOKUSHIMA JOINT INTERNATIONAL CONFERENCE

"Beyond Dentistry: Synchronizing Science, Technology and Technical Skill in Modern Dentistry"

> NOVEMBER 29-30th, 2019 Shangri-La Hotel, Surabaya



WELCOME TO DENTISPHERE



WELCOME NOTES

DEAN

FACULTY OF DENTISTRY UNIVERSITAS HANG TUAH SURABAYA



Dear Colleagues,

It's great honour to welcome you to Surabaya and to Dentisphere 4th International Scientific Meeting in collaboration with 5th ASEAN Plus & Tokushima Joint International Conference which is held on 29-30th November, 2019 at Shangri-La Hotel Surabaya, Indonesia. My great appreciation to all the speakers from Japan, Korea, Malaysia, India and Indonesia, thank you for the contribution and participation and your willingness to come and share the valuable knowledge and experience. It's been honour to us that this forum may be a part of strong role as quality control mechanism to ensure sustainability and continuous improvement of dentist.

The theme of this Dentisphere 4th is "Beyond Dentistry: Synchronizing Science, Technology and Technical Skill in Modern Dentistry" This is addressed to meet our aims to provide our nation a generation of professional and skilful dentist with continuously update knowledge. We hope this event will be increase our professionalism to all dentist and participants.

My appreciation to the committee, for arranging this event very well. Hope the seminar will be well done accomplished tomorrow. Also, I would like to thank all sponsors who support this event. For the speaker, thank you for the contribution support of the seminar. And for all the participants, thank you for joining the Dentisphere 4th, please enjoy the seminar and the events. I would like to ask for apologize if maybe in some ways we have some limitations in serving you on the event. Finally, I hope we all could get the benefit and advantage from this seminar to raise our professionalism in dentistry, in each of our ways.

Sincere regards,

Lita Agustia, drg., M.HKes Dean Faculty of Dentistry, Universitas Hang Tuah



Chairperson

DENTISPHERE 4 UNIVERSITAS HANG TUAH SURABAYA

Dear Colleagues,

It is a great pleasure for us to be the organizer of the Dentisphere 4th International Scientific Meeting in collaboration with 5th ASEAN Plus & Tokushima Joint International Conference by Faculty of Dentistry, Universitas Hang Tuah Surabaya, Indonesia. We extend our warmest welcome to all Participants, Speakers, and Sponsors that make this Dentisphere 4th to be a successful conference.

Under the theme of "Beyond Dentistry: Synchronizing Science, Technology and Technical Skill in Modern Dentistry", this meeting will offer a platform to learn and exchange ideas with a host of internationally and national speakers. Dentisphere 4th will provide participants with unique opportunities to develop their professional knowledge and skills as well as to network with another audience. I also strongly encourage you to take advantages of the presence of dental companies to keep up to date with evolving technologies of equipment and the latest dental materials. We do hope that this seminar will allow all participants to capitalize enough knowledge and experience keep in touch with issues worldwide in dental health.

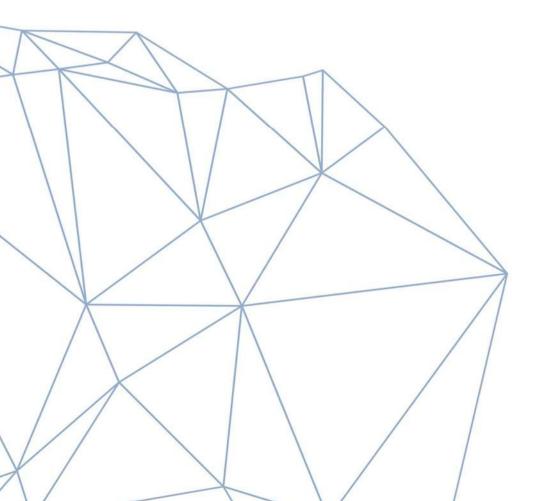
Lastly I wish to thank all Participants, Distinguish Speakers, Sponsors and all who contribute for the success of the Dentisphere 4th in Surabaya. Hope you not only have an event for developing our professionalism, but also you could enjoy a nice stay and have a memorable excursion on Surabaya. Thank you for your kind attention, have a nice, enjoy and fruitful discussion and God Bless You.

Sincere regards,

Vivin Ariestania, drg., Sp. Pros

Chairperson of Dentisphere 4





Person in Charge

Dean of Faculty of Dentistry Universitas Hang Tuah Surabaya Lita Agustia, drg., MHKes

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Scientific Division (Publication) Dian Widya Damaiyanti,drg.,M.Kes Agni Febrina P., drg., M.Kes

Scientific Division (Competition)
Dr. Sularsih, drg., M.Kes

Scientific Division (Poster) Yoifah Rizka W., drg., Sp.Perio

Scientific Division (Table Clinic) Dr. Linda Rochyani, drg., Sp.KG

Scientific Division (Short Lecture) Twi Agnita Cevanti, drg., Sp.KG

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Gala Dinner Division

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AFDOKGI Division

Dr. Kristanti P., drg., M.Kes

GENERAL INFORMATION

VENUE

Shangri-La Hotel Surabaya

REGISTRATION

Registration desk will be open during 29 – 30th November at the Pre-Function Lobby, Ballroom A, B, C, Ground Floor – Shangri-La Hotel at the following times:

• Friday, 29th November 2019 07.30 – 17.00

• Saturday, 30th November 2019 07.30 – 17.00

NAME BADGE

Participants, speakers, accompanying persons and exhibitors are kindly requested to wear their badges during all congress activities for security purposes. Name badge will be given in the registration desk during the re-registration. Meal coupons will be included behind the name badge.

CONFERENCE KIT

The conference kit can be obtained once at the registrations desk during the re-registration by showing the official confirmation slips.

CERTIFICATE OF ATTENDANCE

An official certificate of attendance will be distributed at the registration desk starting on Saturday, 30th November 2019 at 15.00.

OPENING CEREMONY

• Day / Date : Friday, 29th November 2019

• Time : 08.30 – 09.30

• Venue : Ballroom A & B

WELCOME DINNER*

*Only for Invited Speakers

• Day / Date : Friday, 29th November 2019

Time : 18.30 - finish

• Venue : Shang Palace Shangri-La Hotel, Surabaya

CLOSING CEREMONY

• Day / Date : Saturday, 30th November 2019

Time : 16.30 – end
 Venue : Ballroom A

ORAL PRESENTATION & FILE SUBMISSION

To avoid any inconveniences, all speakers are asked to submit their presentation files to the Registration Table (Lobby Ballroom A & B) at least 4 hours before their session to check the system and to save the final version of their presentation files.

POSTER PRESENTATION

All poster will be displayed in the Pre-Function area Nirwana Room 1 and Pelangi Room 1-3

CREDIT POINT (SKP)

No: SKP-I/736/PB PDGI/XI/2019

Seminar Participant : 7,5 SKP

Table Clinic Participant : 3,5 SKP

Speaker : 5,0 SKP

Table Clinic Lecturer : 6,0 SKP

Short Lecture Adjudicator : 5,0 SKP

Moderator : 3,0 SKP

Committee : 3,0 SKP

CONFERENCE & ORGANIZING COMMITTEE SECRETARIAT

During the Congress: Registration Table at the Lobby, Shangri-La Hotel, Surabaya, Indonesia

After the Congress : Faculty of Dentistry, Universitas Hang Tuah Surabaya, Indonesia

Jl. Arif Rahman Hakim no. 150, Surabaya 60285

(+62) 31 5912191



OUR SPEAKERS



Tadashi Nakanishi, D.D.S., Ph.DTokushima University, Tokushima, Japan





Prof. Otto Baba, D.D.S., Ph.DTokushima University, Tokushima, Japan





Kazuo Okura, D.D.S., Ph.DTokushima University, Tokushima, Japan





Assoc. Prof Kazuya Doi, D.D.S., Ph.D Tokushima University, Hiroshima, Japan





Sung-Hoon Lim, D.D.S., MSD., Ph.D Chosun University, Gwangju, Korea





Dr. Young-Chulkwon Chosun University, Gwangju, Korea





Dr. Mylene Guevarra Igrubay, DMD., FPFAPhilipphine Academy of Esthetic Dentistry,
Makati City, Philipphine





Aaron Neal Y. Lu, DMD., MScD Philipphine Academy of Esthetic Dentistry, Makati City, Philipphine





Shaista Afroz, DDS., MDS., Ph.D Aligarh Muslim University, Aligarh, India





Prof. Dr. Adam Husein, BDS., FRACDS Universiti Sains Malaysia, Kelantan, Malaysia





Assoc. Prof. Dr. Azlina Ahmad, Ph.D Universiti Sains Malaysia, Kelantan, Malaysia





Aditya Wisnu Putranto, drg., Sp.KG (K) Universitas Indonesia, Jakarta, Indonesia





Aulia Yudha Prawira, drg., Sp.Perio Private Dental Practice, Jakarta, Indonesia





Rinto Abimanyu, drg., MARS., Sp.KG Private Dental Practice, Jakarta, Indonesia





Marino Sutedjo, drg., Sp.KG Private Dental Practice, Surabaya, Indonesia





Dr. Taufan Bramantoro, drg., M.Kes Universitas Airlangga, Surabaya, Indonesia





Dr. Arya Brahmanta, drg., Sp.Ort Universitas Hang Tuah, Surabaya, Indonesia



Aprilia, drg., Sp.KG Universitas Hang Tuah, Surabaya, Indonesia



Tadashi Nakanishi, D.D.S., Ph.DTokushima University, Tokushima, Japan

Saturday; 30th November, 2019; 08.45 – 09.30; Ballroom A

Dental Pulp Responses to Dental Caries

Abstract: As caries-related bacteria invade deeply into dentin and come into close proximity to the pulp, inflammatory cells (such as lymphocytes, macrophages and neutrophils) infiltrate into the bacteria-invaded area and consequently pulpitis develops. Many types of cytokines and adhesion molecules are responsible for the initiation and progression of pulpitis. Dental pulp fibroblasts, a major cell type in the dental pulp, also have capacity to produce pro-inflammatory cytokines and express adhesion molecules in response to pathogen-associated molecular patterns (PAMPs), including lipopolysaccharide. The innate immune system senses microbial infection using pattern recognition receptors, such as Toll-like receptors (TLRs) and nucleotide-binding oligomerization domain (NOD), for PAMPs. In this presentation, I would like to summarize pathological analysis of dental pulp responses to dental caries, inflammatory mediators in deepcarious teeth with irreversible pulpitis, roles of dental pulp fibroblasts in the recognition of invaded bacteria-related factors via TLR and NOD pathways, and clinical management of deep caries and the exposed pulp.



Prof. Otto Baba, D.D.S., Ph.DTokushima University, Tokushima, Japan

Friday; 29th November, 2019; 14.20 – 15.00; Ballroom A

Regulation of Odontoblasts in Various Phases of Dentin Formation

Abstract: Dentin is main component of tooth, which consists of two portions, crown and root. Interestingly, these two portions differ in respect of organic and inorganic content rate. For example, there are less dentin proteins, dentin sialoprotein (DSP) and dentin matrix protein 1, in root dentin. Moreover, these differences suggest the existence of different systems to form crown and root dentin. In fact, we found out the stage specific cell proliferation of dental pulp during root formation at the root formation front. To elucidate the regulation of dentin formation in both stages, we spotlighted fibroblast growth factor and its receptor (FGF-FGFR) signaling and explored its expression during crown and root dentin formation in rat. Our RT-PCR data revealed the expressions of FGFR2 and FGFR3 in both crown (1-7 day) and root (9-15 day) formation. Regarding the possible ligands, FGF2 and FGF10 were detected in both stages, while FGF18 was mainly observed in root formation stage. By using in situ hybridization (ISH), the expression of DSP transcripts were detected in the differentiated odontoblasts secreting dentin matrix. The FGFR2 and FGFR3 transcripts were well co-expressed with those of DSP. While FGF18 transcripts were not observed by ISH. Then, we performed in situ RT-PCR to detect the lower expression level of transcripts and finally detected the FGF18 transcripts in odontoblasts and the cells in subodontoblastic layer at the age of 15 day. These results suggest that odontoblast might be regulated by FGF-FGFR signaling utilizing various FGF ligands in each stage of dentin formation.



Kazuo Okura, D.D.S., Ph.DTokushima University, Tokushima, Japan

Friday; 29th November, 2019; 13.00 - 13.40; Ballroom A

Occlusal Force Control and Digital Dentistry

Abstract: Prosthodontists are working to improve mastication efficiency using crown restoration and prosthetic devices in daily clinical practice. Proper distribution and control of the occlusal force is one of the important topics in dentistry. However, various adverse effects due to excessive bite force are also observed. Traditionally, dental caries and periodontal disease have been regarded as two major causes of tooth loss. In some countries that are overcoming these bacterial infections, tooth fractures are becoming the leading cause of tooth loss. The maximum occlusal force of a person is almost the person's weight, and a case that exceed the maximum voluntary bite force during sleep bruxism was reported. Sleep bruxism is a parafunction that appears unconsciously during sleep. The impacts of its destructive occlusal force are diverse, temporomandibular disorders, masticatory muscle pain, exacerbation of periodontal disease, prosthetic devices and tooth destruction were known. The information about the diagnosis and treatment of sleep bruxism is useful to understand the control of excessive occlusal force. The reaction to the occlusal force, the deformation of the tooth, the movement of the tooth, the behaviour of the dentition, were also important. For clinical practice, I report on the knowledge about how to provide occlusal contact of teeth, which is the final site of occlusal force. Digital dentistry such as jaw movement tracking devices and CAD / CAM systems have made remarkable progress in recent years. In addition to introducing this, I would like to suggest about the strategy that the prosthetic device functions well without breakage using advanced equipment.



Dr. Mylene Guevarra Igrubay, DMD., FPFAPhilipphine Academy of Esthetic Dentistry, Makati City, Philipphine

Friday; 29th November, 2019; 13.00 – 13.40; Ballroom B

Simplified Approach in Restoring Anterior Teeth for Esthetics and Function

Abstract: One of the most common restorative procedures in everyday practice is restoring anterior teeth. Dentists are having challenges in using direct composites such as result can be opaque or translucent, a visible demarcation line between the tooth and the restoration and fracture of the restoration especially for a large Class IV. To create beautiful, natural looking and functional restorations dentists need an in-depth understanding of tooth morphology and function, polychromatic shading and the modern materials in dentistry. This presentation will show simplified layering techniques for predictable outcomes when restoring anterior teeth with direct composite resins

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Aaron Neal Y. Lu, DMD., MScD
Philipphine Academy of Esthetic Dentistry, Makati City, Philipphine

Saturday; 30th November 2019; 10.20 – 11.10; Ballroom B

Mobile Dental Photography

(Lamp.U by Dentity)

Abstract: Dental Photography is fast becoming a necessity and is challenging for those who are starting out. While it is true that a DSLR renders the best images for documenting cases, the cost, weight of the camera, and learning curve makes the whole process of documenting cases tremendously intimidating. The development of recent technologies in the mobile phone industry, the mobile cellphone camera establishes itself as an acceptable alternative to the DSLR in the daily dental practice. The ease of use and accessibility of the mobile device allows any dental practitioner to practice case documentation. The goal of the lecture is to review how to use the mobile cellphone device cameras, teach new techniques using innovative mobile cellphone camera technologies, making dental documentation easy, fast and artistic.

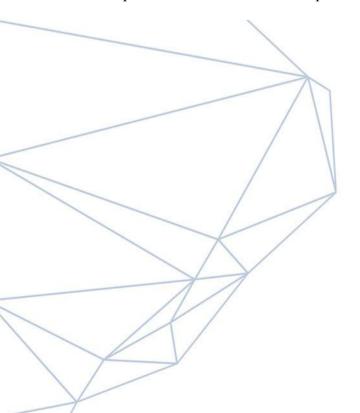


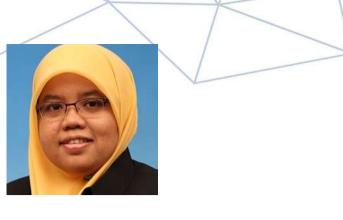
Prof. Dr. Adam Husein, BDS., FRACDS Universiti Sains Malaysia, Kelantan, Malaysia

Saturday; 30th November, 2019; 12.30 - 13.20; Ballroom A

Managing Mandibular Complete Denture

Abstract: Constructing a mandibular complete denture can be a challenge when the patient is having a severely resorbed ridge. Although implant retained denture can help to solve the problem, there are still many patients who cannot afford the treatment or not a suitable candidate for implants due to certain conditions. Therefore, maximizing the potential of conventional complete denture will be of great help to many deserving patients. Several factors and procedutes can be considered when constructing mandibular complete dentures especially when dealing with severely resorbed ridges. The aim of this prerentation is to share about those factors and procedures for the benefits of patients.





Assoc. Prof. Dr. Azlina Ahmad, Ph.DUniversiti Sains Malaysia, Kelantan, Malaysia

Saturday; 30th November, 2019; 12.30 – 13.20; Ballroom B

Human Amniotic Membrane in Clinical Practise: The Past, Present and Future

Abstract: Human amniotic membrane (HAM) is used for treatment in wound healing since the 1900s. The characteristics and biological properties of HAM made it apt for wound healing treatment. Initially, it is utilised as a temporarily dressing, and, is found, among others, can reduce water loss, proteins and evaporative heat from the body, which are essential for wound healing. Further studies showed that it could accelerate the migration of fibroblasts as well as collagen development. Thus, HAM is known as a living skin equivalent. Besides, HAM also can stimulate bone repair as well as chondrocyte proliferation for osteoarthritis cartilage's repair. The manipulation of HAM extended to ocular disease treatment. The bio-engineered graft of limbal epithelial stem cells ex vivo is cultured on HAM, as a scaffold. Besides, HAM itself is found to reduce inflammation of ocular surfaces. There are a few HAM-based studies conducted in our School of Dental Sciences, Universiti Sains Malaysia. Periodontal diseases treatment, especially the one that requires guided tissue regeneration or tissue grafting, could utilise HAM as the supportive material. Another study in on regenerative endodontic procedures utilising HAM as a scaffold for bioengineered dental pulp tissue. We are also studying the biological effect of HAM on stem cells in order to prepare a bioengineered matrix similar to HAM. Another attractive property of HAM is its angiogenic potential, and its ability as a matrix for stem cell endothelial differentiation could make HAM a reliable source for vascular grafting in coronary artery bypass graft surgery.



Leonard Nelwan, drg., Sp.Pros, FISID, FITI, FICD Universitas Indonesia, Jakarta, Indonesia

Friday; 29th November, 2019; 16.10 – 16.50; Ballroom B

Posterior Veneers, Onlay, Overlay to Endocrown

Abstract: Nowadays, many patients demand metal-free restorations, both in anterior and posterior area. The changes toward patient's request and clinician's interest in restorative dentistry have led to the development of posterior adhesive restorations, either with direct, semidirect, or indirect method. Posterior indirect adhesive restorations are often indicated to restore teeth that have suffered significant loss of hard tissue, either in vital or non-vital teeth. The evolution of restorative materials and adhesive systems has influenced the approach to restore posterior teeth, modifying the treatment plan considerably. In This event, I will discuss the indication and preparation design of Posterior indirect adhesive restoration (veneers, onlay, overlay to endocrown) based on tooth case.





Kun Arifi Abbas, dr., Sp.An (K) Universitas Airlangga, Surabaya, Indonesia

Friday; 29th November, 2019; 16.10 – 16.50; Ballroom A

Sedation & Anesthesia in Dentistry: Between Convenience and Safety

Abstract: Procedures in dentistry are mostly done under local anesthesia for pain management, but there are several cases where local anesthesia is not sufficient and will require sedation to deeper levels of anesthesia. Some patients will experience excessive anxiety prior to dental procedures, making it difficult for the dentist to perform the procedure. And vice versa; dealing with anxious sufferers can impose high stress upon the dentist. Sedation – anesthesia is necessary for successful dentistry procedures and comfort of both the patient and dentist. Each procedure requires different levels of sedation: from anxiolysis to deep sedation / general anesthesia (pertaining to depth of sedation from ASA). Before the 2000s many deaths were reported in dentistry patients undergoing sedation / general anesthesia, which is associated with substandard practices in monitoring, technical issues, resuscitation equipment and preanesthesia / surgery preparations. In dentistry, minimal and moderate sedation (conscious sedation) techniques are also often used to facilitate procedures in patients with dental phobias, especially in children. Conscious sedation is an alternative to local anesthesia and general anesthesia; it uses drugs that depress the central nervous system so the patient will be less anxious and more compliant, but still maintain verbal contact during medical/dentistry procedures. Conscious sedation is still controversial, as it generates practical benefits but also give rise to potential emergencies that might endanger patients. Conscious sedation is advantageous over general anesthesia, as it can be done in primary care practices, whereas the latter can only be performed in a hospital setting. Patient safety must be the main priority in planning dental procedures on a seemingly healthy patient about to undergo dental procedures that are not detected as having dangerous or fatal potentials. The general public usually finds it unacceptable if fatalities arise in dental practices. Therefore, despite the very low morbidity and mortality rate in dentistry, an expert in anesthesiology should always be present during dental procedures with sedation-anesthesia for careful selection of patients, determination of technique of anesthesia, intrasedation monitoring, and resuscitation.



Putu Indra, drg., Sp.OrtPrivate Dental Practice, Surabaya, Indonesia

Friday; 29th November, 2019; 15.20 – 16.00; Ballroom A

Orthodontic Future Technology, Unlocking the New World for Better Indonesia

Abstract: Digital Dentistry has been an interesting topic in this couple of years. It's a new world that separate the world that we do now and the future. However, most of them are talking about CAD CAM for dental crown and bridge. This lecture will give you knowledge what we can achieve in digital dentistry. It will be a strong upgrade in Periodontist, Endodontist, Prosthodontist, Dental Surgeon and Orthodontist. From making surgical guide until orthodontic aligner. Especially for orthodontic treatment, this digital prediction setup will help in case limitation and patient maximum expectation of the treatment. This technology make a treatment designed by the Orthodontist and work done by General Dentist become possible. Together we can make digital dentistry to upgrade our services quality and precision, for better Indonesia.



Dhanni Gustiana, drg., Sp.BMMPrivate Dental Practice, Tangerang, Indonesia

Friday; 29th November, 2019; 14.20 – 15.00; Ballroom B

Socket Management After Tooth Extraction

Abstract: Apa yang diharapkan pasien dalam prosedur pencabutan gigi? Dokter gigi tentu lebih fokus pada tindakan anestesi agar tidak sakit, pencegahan agar tidak ada akar tertinggal, penanganan perdarahan dan pemberian obat pasca pencabutan. Berbeda dengan harapan pasien, setelah pencabutan gigi, pasien menginginkan tidak ada nyeri, tidak ada perdarahan dan luka bekas pencabutan segera menutup. Luka menganga bekas pencabutan seperti dikutip dari webmd.com, menjadi beban pikiran pasien, walaupun dokter gigi berfikir bahwa luka bekas pencabutan adalah hal yang sangat normal. Untuk menjembatani keinginan pasien tersebut, apa yang harus dilakukan oleh dokter gigi? Menutup luka dengan jahitankah? Memberi antibiotik kah? Saat ini teknologi telah menawarkan solusi tatalaksana luka pasca pencabutan gigi untuk menutup luka pasca pencabutan gigi dengan cara mempercepat regenerasi jaringan, sekaligus mengurangi nyeri dan mencegah perdarahan dalam satu langkah efektif ekonomis.Kasus-Kasus delayed wound healing pasca pencabutan gigi, seperti dry socket atau delayed healing pada pasien dengan terapi obat osteoporosis dapat dicegah dengan langkah mudah.



Onny Eryanto, drg. Private Dental Practice, Surabaya, Indonesia

Saturday; 30th November, 2019; 09.00 - 09.50; Ballroom B

Precision in Dentistry Through Digital Technology

Abstract: Conventional method using impression materials sometimes do not give the best result. The problem lies in the margin, undercut, distortion, etc, whether from the dentists work or from the quality of the material itself. Nowadays, many companies offer digital imaging solution to solve the communication problem between dental practitioners and dental laboratories. Whether you are a digital newcomer wanting a scan-only solution or a fully-digital practice, we have to admit that digital imaging gives better solution than impression material. The question is what are the criteria needed to look from digital imaging solution? How about the preparation work, is it still the same as you were taught in dental faculty?



Dr. Arya Brahmanta, drg., Sp.Ort Universitas Hang Tuah, Surabaya, Indonesia

Saturday; 30th November, 2019; 16.00 – 18.30; Pelangi 3

Basic Cephalometric Analysis

Abstract: With the advancement of knowledge and needs about cephalometry in making a diagnosis in the field of orthodontics, so that a treatment plan can better directed and produce better treatment results, then The basic cephalometric analysis hands on is organized as a guide for colleague interested dentists in the field of orthodontics. In this title will be discussed: the use of cephalometric radiography in the field of orthodontics, tracing techniques, landmarks as a guide for measurement cephalometry and some cephalometric analyses such as Downs, Steiner, Wits and soft tissue that can be used as Basic analysis in determining diagnosis and plan orthodontic treatment.

EVENT TIME TABLE



MAIN LECTURE

BALLROOM Friday, 29th November 2019

Time	Room	Speaker	Торіс	Room	Speaker	Торіс
07.00 - 08.00	Ballroom A & Ballroom B	Registration + Coffee break				
07.50 - 08.00	Ballroom A & Ballroom B		Safety Briefing by Shangri-La Hotel			
08.00 - 08.45	Ballroom A & Ballroom B	MKEKG PB PDGI Prof. Mei Sjafriadi, drg., MDSc., Ph.D	Prof. Mei Sjafriadi, drg., MDSc., Ethical Consideration in Modern Destricture Destricture			
08.45 - 09.30	Ballroom A & Ballroom B	Ketua PB PDGI Dr. R.M. Sri Hananto Seno, drg., Sp. BMM. (K), MM.	Preparing Qualified Dentists facing the New Era of Modern Dentistry			
09.30 - 09.50	Ballroom A & Ballroom B	Discussion				
09.50 - 10.10	Ballroom A & Ballroom B	Prof. Tetsuo Ichikawa, DDS., Ph.D	Bibliography on Academic Exchanges of Tokushima University Faculty of Dentistry with Indonesian Faculties			
10.10 – 10.20	Ballroom A & Ballroom B	Discussion	Discussion			
10.20 – 11.20	Ballroom A & Ballroom B			Open	ning Ceremony	
11.20 – 13.00	Ballroom A & Ballroom B			Li	unch Break	
13.00 - 13.40	Ballroom A	Kazuo Okura, DDS., Ph.D	Occlusal Force Control and Digital Dentistry	Ballroom B	Dr. Mylene Guevarra Igrubay, DMD, FPFA	Simplified Approach in Restoring Anterior Teeth for Esthetic and Function
13.40 - 14.20	Ballroom A	Sung Hoon Lim, DDS., MSD., Ph.D	Overcoming Limitation of Clear Aligner Treatment by Using Attachment and Simple Tube	Ballroom B	Rinto Abimanyu, drg., MARS., Sp. KG	Essential Way in Class II Management Restoration
14.20 – 15.00	Ballroom A	Prof. Otto Baba, DDS., Ph.D	Regulation of Odontoblasts in various phases of dentin formation	Ballroom B	Dhanni Gustiana, drg., Sp. BMM	Socket Management After Tooth Extraction
15.00 - 15.20	Ballroom A & Ballroom B	Discussion				
15.20 - 16.00	Ballroom A	Putu Indra, drg., Sp. Ort	Orthodontic Future Technology Unlocking The New World for Better Indonesia	Ballroom B	Dr. Ignatius Ronny Halim, FICOI., FISID., FICD	Digital One Guide System
16.00 - 16.10	Ballroom A & Ballroom B	Discussion				
16.10 – 16.50	Ballroom A	Kun Arifin Abbas, dr., Sp. An (K)	Sedation in Dentistry Between Convenience and Safety	Ballroom B	Drg. Leonard C. Nelwan, Sp. Prost., MSc., FISID, FICOI, FITI	Posterior Veneers, Onlay, Overlay to Endocrown
16.50 - 17.00	Ballroom A & Ballroom B	Discussion				
17.00 - end		Coffee break				

Saturday, 30th November 2019

Time	Room	Speaker	Торіс	Time	Room	Speaker	Торіс
07.00 - 08.00	Coffee break						
08.00 - 08.45	Ballroom A	Assoc. Prof. Kazuya Doi, DDS., Ph.D	Biology of Non-absorbable Materials in Implant Treatment	08.00 - 08.50	Ballroom B	Dr. Young-Chulkwon	Important Consideration in Esthetic and Functional Composite Restorations
08.45 - 09.30	Ballroom A	Tadashi Nakanishi, D.D.S., Ph.D	Dental pulp responses to dental caries	08.50 - 09.00	Ballroom B	Discussion	
09.30 - 09.50	Ballroom A	Discussion		09.00 - 09.50	Ballroom B	Onny Eryanto Limantoro, drg.	Precission in Dentistry Through Digital Technology
				09.50 - 10.00	Ballroom B	Discussion	
09.50 - 10.20	Ballroom A	Pepsodent Dentisphere	Award Winner Announcement				
10.20 – 11.10	Ballroom A	Aditya Wisnu Putranto, drg., Sp. KG (K)	Fundamental of Root Canal Treatment to Achieve Optimal Result	10.20 – 11.10	Ballroom B	Aaron Neal Y.Lu, DMD., MScD	Mobile Dental Photography
11.10 - 11.30	Ballroom A dan Ballroom B				Discussion		
11.30 - 12.30					Lunch	ı break	
12.30 - 13.20	Ballroom A	Prof. Dr. Adam Husein, BDS., FRACDS	Managing Lower Complete Denture	12.30 – 13.20	Ballroom B	Assoc. Prof. Dr. Azlina Ahmad, Ph.D	Human Amniotic Membrane in clinical Practice : the Past, Present, and Future
13.20 - 14.10	Ballroom A	Shaista Afroz, DDS, Ph.D	Orofacial Pain due to Glial Expressed Cytokines in Trigeminal Ganglion	13.20 – 13.30	Ballroom B	Discussion	
14.10 – 14.30	Ballroom A	Discussion		13.30 – 14.20	Ballroom B	Dr. Taufan Brahmantoro, drg., M.Kes & Akhmad Farkhan Azmi, drg., M.Kes	Building Effective Social Media Dentist Personal Branding through Dental Digital Intelligence Using Kelola.Net
14.30 – 15.20	Ballroom A	Aulia Yudha Prawira, drg., Sp. Perio	Are You Sure With Your Periodontal Treatment?	14.20 – 14.30	Ballroom B		Discussion
15.20 – 15.30	Ballroom A	Discussion					
15.30 - 16.30	Ballroom A	Marino Sutedjo, drg., Sp. KG	Theory into Practice in Endodontics				
16.30 – 16.50	Ballroom A	Discussion					
16.50 – 17.00				Coffee Br	eak		
17.00 -						Closing Ceremony	

HANDS-ON

Friday, 29th November 2019

	PELANGI 1	PELANGI 2	PELANGI 3
/	16.00-18.30 Onny Eryanto, drg. Anterior Composite Artistry with Internal and External Characterization	16.00-18.30 Dr. Ignatius Ronny Halim, FICOL., FISID., FICD Digital One Guide System	16.00-18.30 Rinto Abimanyu, drg., MARS., Sp.KG Essential Way in Class II Management Restorations
Ī		18.30 – Finish COFFEE BREAK	

NIRWANA 1	NIRWANA 2	NIRWANA 3	
	16.00-18.30 Dhanni Gustiana, drg., Sp.BMM Socket Management After Tooth Extraction	16.00-18.30 Mylene Guevarra - Igrubay, DMD., FPFA Simplified Approach in Restoring Anterior Teeth for Esthetic and Function	
18.30 – Finish COFFEE BREAK			

Saturday, 30th November 2019

PELANGI 1	PELANGI 2	PELANGI 3	
16.00-18.30 Onny Eryanto, drg. Anterior Composite Artistry with Internal and External Characterization	09.00 – 12.00 Aprilia, drg., Sp.KG Step by Step in Class IV Composite Restoration 16.00-18.30 Dr. Young-Chulkwon Important Consideration in Esthetic and Functional Composite Restorations	16.00-18.30 Dr. Arya Brahmanta, drg., Sp. Ort Basic Cephalometri Analysis	
18.30 – Finish COFFEE BREAK			

NIRWANA 2	NIRWANA 3	BALLROOM B
16.00-18.30 Aulia Yudha Prawira, drg., Sp. Perio Make It Simple Aesthetic Gingivectomy and Frenectomy	16.00-18.30 Aditya Wisnu Putranto, drg., Sp.KG (K) Fundamental of Root Canal Treatment to Achieve Optimal Result	16.00-18.30 Dr. Taufan Brahmantoro, drg., M.Kes. & Akhmad Farkhan Azmi, drg., M.Kes Building Effective Social Media Dentist Personal Branding through Dental Digital Inteligence Using Kelola.Net
	18.30 – Finish	

SHORT LECTURE SCHEDULE

Friday, 29th November 2019 Time : 13.00 – 13.40 Room : Nirwana 3

CODE	Titles and Authors
SL-1	Oxidative Stress Biomarkers Modulation by Lemuru Fish Oil Therapy on Parotid Gland Rattus Novergicus Induced with Cigarette Smoke and Ligation Dian Widya Damayanti, Widyastuti Yoifah Rizka Wedarti, Fitria Septiana Dewi, Iqbal Arif Affandi
SL-2	Innovative Treatment using Salmon Skin Extract as Application Topical for Oral Traumatic Ulcer Healing – Animal Models Puguh Bayu Prabowo, Syamsulina Revianti, Lita Agustia
SL-3	Antimicrobial and Antibiofilm Activity of <i>Nannochloropsisoculata</i> to Periodontal Bacteria Kristanti Parisihni, Dian Widya Damaiyanti, Endah Wahjuningsih
SL-4	Bone Augmentation in Post Extrusive Luxation Teeth Repositioning Using Bone Grafts and Membrane Followed by Super-Bond Splint Charissa Roderica Hoediono, Ghita Hadi Hollanda

Friday, 29th November 2019 Time : 13.00 – 13.50 Room : Nirwana 2

CODE	Titles and Authors
SL-5	Irradiation Time of Photodynamic Therapy to The Number of Lactobacillus Acidophilus (Invitro Experimental Laboratory Research) Farida Widhi Astuti, Nunik Nuraini, Sri Kunarti, Cecilia G.J. Lunardi
SL-6	The Degradation of Lactobacillus Acidophilus's Extracellular Polymeric Substance (Eps) Using 405nm Diode Laser and Chlorophyll Marisa Irawan Ruslan, Andi Ainul Mardiyah, Nunik, Nuraini, Ari Subianto, Sri Kunarti Prevalence of Oral Mucosal Lesion in Elderly Patient in Made Health Center Surabaya Vint Erawati Suryanijaya, Candrika Ramya Inastu, Fatma Yasmin Mahdani, Adiastuti Endah Parmadiati, Diah Savitri Ernawati
SL-7	Effectiveness of Professional Oral Health Care During Chemotherapy for Patients with Esophageal Cancer Satomi Moriyama, Daisuke Hinode, Makoto Fukui And Fumiaki Kawano
SL-8	Closure of Oronasal Fistulae Post Palatoraphy Using Tongue Flap : A Case Report Menik Sayekti, Liska Barus, Ni Putu Mira Sumarta, Norifumi Nakamura Prevalence of Oral Mucosal Lesion in Elderly Patient in Ketabang Health Center Surabaya Candrika Ramya Inastu, Fatma Yasmin Mahdani, Diah Savitri Ernawati
SL-9	The Effect of Nano Particles Titanium Dioxide (Tio 2) Coating and Duration of Coffee Solution Immersion on Discoloration of Thermoplastic Nylon Denture Base Rahmat Hidayat

Saturday, 30th November 2019 Time : 09.00 = 09.40 Room : Nirwana 2

CODE	Titles and Authors
SL-10	Correction of Deep Bite with Mini Implant Orthodontic in A Class II Malocclusion Arya Brahmanta
SL-11	Overview of Analgesic Prescription by Dentists in Makassar, South Sulawesi 2019 Nursyamsi Djamaluddin, Rini Pratiwi, Wilson Pangiawan
SL-12	A Double-Layered Complex Cell Sheet Can Regenerate The Periodontal Tissue in A Mice Model Resmi Raju, Masamitsu Oshima, Tsuyoshi Morita, Yan Huijiao, Miho Inoue, Otto Baba, Masahisa Inoue, Yoshizo Matsuka
SL-13	Overcoming Dificulty in Measuring Vertical And Horizontal Relation in Patient With Partial Loss of Jaw Joint and Amndibular Bone Post Mandibulektomi Widaningsih, Vivien Ariestania, Chaterina Diyah
SL-14	The Correlation Between The Length of Cigarettes Smoking and Toluidine Blue Scores in Smokers Fishermen Isidora Ks, Nafi'ah, Maharani Ad, Feny An, Savitri Pas
SL-15	How to Manage The Mucocele on The Lower Lip Nina Nilawati
SL-16	The Expression of Receptor Activator of Nuclear Factor Kb on Bonehealingof Dental Extraction Due Tocombinationchitosan and Aloevera Scaffold Sularsih
SL-17	Sialostent for Warthon's Duct Repair in Submandibular Sialolithiasis Yosaphat Bayu Rosanto, Maria Goreti Widiastuti, Poerwati Soetji Rahajoe
SL-18	Possibility of Caries Risk Through Saliva Analysis in Children with Cleft Lips With or Without Cleft Palate Non-Syndromic (Observational Analitic Research) Yayun Siti Rochmah, Anindita Dyah Palupi, Aulia Noviana, Shofwatin Ni'mah

Saturday, 30th November 2019 Time : 09.00 – 10.20 Room : Nirwana 3

CODE	Titles and Authors
SL-19	Management of Recurrent Aphthous Stomatitis Triggered by Severe Depression Nur Tsurayya Priambodo, Hening Tuti Hendarti, Bagus Soebadi, Azimatul Karimah
SL-20	Effect of Propolis to Remodeling Mechanism at Tension Side of Orthodontic Tooth Movement Budi Handayani, Arya Brahmanta
SL-21	Expression and Function of PIEZO1 in Human Meshenchymal Stem Cells Aya Miyazaki, Asuna Sugimoto, Tsutomu Iwamoto
SL-22	Assessment Of Cell Viability and DNA Damage in Buccal Mucosa Cells of Patients Exposed to Panoramic X-Ray Ryna Dwi Yanuaryska
SL-23	Peri-Implant Disease and Gastrointestinal Disease Utmi Arma, Nadhifah Salsabila
SL-24	Relationship Between Oral Health and General Health or Medical Expenses in The Latter-Stage Elderly Daisuke Hinode, Fumiaki Kawano
SL-25	Bilateral Effects of Unilateral Administration of Botulinum Toxin A in Chemotherapy Induced Neuropathy Arief Waskitho, Yumiko Yamamoto, Tsuyoshi Morita, Huijiaoyan, Resmi Raju, Masamitsu Oshima, Junhel Dalanon, Otto Baba, Yoshizo Matsuka
SL-26	Chronic Traumatic Ulcer Healing In Chronic Kidney Diseases Patient With Anemia, Thrombhocytopenia Dan Hypoalbuminemia: A Case Report Dian Angriany, Cane Lukisari, Nafi'ah, Dwi Setyaningtyas, Desiana Radithia



Friday, 29th November 2019 Viewing Time : 08.00 – 13.00

: Pelangi Room Aisle : 09.00 – 09.30 Location

Presentation

& Judging Session

CODE Titles And Authors		
P1-01	The Role of Oral Medicine Specialist in Management of Blast Injury of Maxillofacial Region from Suicide Bomb Victim Dwi Setianingtyas, Nafiah, Widaningsih, Budi Santosa, Nur Tsuraya, Felicia Eda Haryanto	
P1-02	Chemical Burn pada Penderita dengan Kondisi Sistemik yang Kompleks Kharinna Widowati, Isidora K.S, Fanesya T	
P1-03	Innovation of Hyperbaric Oxygen Therapy and Channa Striata for Orthodontic Treatment in Tension Area Hendy Sujarwo, Flavia Pratamaningdyah Bhakti Yuwana, Novita Siandy Putra, Arya Brahmanta	
P1-04	Potential Hyperbaric Oxygen Therapy and Channa Striata for Orthodontic Treatment in Pressure Area Bunga Fauzia, Alriama Wiraningtias, David Firangga, Arya Brahmanta	
P1-05	Effectiveness of Compressive Strength Y-Tzp with Ha+Tcp Coating as Dental Implant Material Alvin Joshua, Terry Alfreda Putri Apituley, Githzsa Dwisty Marantika, Vivin Ariestania	
P1-06	Effectiveness of Platelet Rich Plasma on Increased Mineral Density Mandibular Bones at Dental Implant Placement with 3-Dimension Radiography Examination (Cbct) Dianty Saptaswari, Hansen Kurniawan, Yoifah Rizka Wedart Widyastuti	
P1-07	Additive Manufacturing Technologies as Alternative Method to Fabricate Framework of Removable Partial Denture Mohammad Fadyl Yunizar, Megumi Watanabe, Tetsuo Ichikawa	
P1-08	P1-08 Happy Smile of A New- Born Infant with Cleft Lip and Cleft Palate Istien Wardani, Dyah Ayu R	

P1-09	P1-09 Case Report: Stainless Steel Crown Restoration after Pulpectomy Treatment in Primary Molar Yulie Emilda, Annisal. Paramita, Nandya Nellapradani				
P1-10	Compressive Strength and Sem Imaging of Heat Cured Acrylic Resin Improved by Hydroxyapatite Powder Chaterina Diyah Nanik Kusumawardani, Rima Parwatisari, Ronaldo Triputra Chondro, Ivan Andrian				
Oral Manifestation as Palatal Ulcers in The Oral Cavity P1-11 Fanny Margaretha Laihad, Nafiah, Eddy Hermanto, Mon Elidasari					
P1-12	P1-12 Effectiveness of Brushing with Liquid Soap of Cinnamomum Burmar Essential Oil Extract to Candida Albicans Growth on Heat Cured Acry Base Hartman, Paulus Budi Teguh, Widaningsih				
P1-13	Granule Effectiveness of Anadara Granosa Shell–Stichopus Hermanni The Number of Blood Vessels on 14 Th Day After Tooth Extraction Hansen Kurniawan, Rima Parwati Sari				
P1-14 Potential of Portunus Pelagicus Chitosan In Inhibition of Porphyron Gingivalis and Candida Albicans Biofilm Yoifah Rizka, Laurencia Isabella Loekito, Fani Pangabdian Dwiandriani					
P1-15	P1-15 The Induction of Bone Healing Process with Anadara Granosa Shell Graft Widyastuti, Yoifah Rizka				
P1-16	P1-16 Acanthus Ilicifolius L. Treatment For Oral Candidiasis with Immunosuppressive Conditions Induce P38 Mapk Enhancement Dwi Andriani, Agni Febrina Pargaputri, Kristanti Parisihni, Syamsulina Revanti				
P1-17	Antifungal Effectofcalsium Hydroxide and Cresotin Against Candida Albicans as Root Canal Treatment Materials Aprilia, Twi Agnita, Diana Soesilo, Jessica Velisia				
P1-18	Management of Impacted Maxilary Canine with Surgical Exposure and Alignment by Orthodontic Treatment Meralda Rossy Syahdinda				

P1-19	The Correlation Between Dental Health Promotion and Dental Treatment by Co Assistant Dentist at Universitas Hang Tuah and Required Treatment Index's Score of 3 Rd & Amp; 4 Th Grade Students at Yaps Surabaya Elementary School Aulia Dwi Maharani			
P1-20	Perubahan Kadar Kalsium Enamel Gigi Sulung setelah Pengulasan Pasta Casein Phosphopeptide-Amorphous Calcium Phospate (Cpp-Acp) Eriza Juniar, Soegeng Wahlujo, Prawati Nuraini			
P1-21	Novel Fabrication of Bioactive Porous Titanium for Bone Reconstruction Reiko Kobatake, Kazuya Doi, Yusuke Makihara, Yoshifumi Oki, Hanako Umehara, Hiroshi Oue, Yasuhiko Abe, Takayasu Kubo, Kazuhiro Tsuga			
P1-22	A Case Report Applying Newly Developed Interconnected Porous Hydroxyapatite to Implant GBR Yusuke Makihara, Kazuya Doi, Yoshifumi Oki, Reiko Kobatak Hanako Umehara, Takayasu Kubo, Kazuhiro Tsuga			
The Bioactive Effect of Alkali Treated Titanium Membrane P1-23 Hanako Umehara, Kazuya Doi, Reiko Kobatake, Yoshifumi Ol Yusuke Makihara, Takayasu Kubo, Kazuhiro Tsuga				
P1-24 Bibliography on Academic Exchanges of Tokushima University Of Dentistry with Indonesian Faculties Tetsuo Ichikawa				
P1-25	An Overview Study of Low Back Pain Event among the Dentist in Yogyakarta Arya Adiningrat, Damian Abdul			
P1-26	Skeletal Class II Malocclusion Treatment with Combined Twin Block And Lip Bumper Appliances: Case Report Ananda Permata Sari, Nurhayati Harahap			
P1-27	The Correlation Between Age, Gender, and Bad Oral Habit In 7-9 Years Old Children Atiek Driana Rahmawati, Eggi Arguni, Iwa Sutardjo, Dibyo Pramono			
P1-28	The Difference Impact Strength of Prefabricated Metal Post Between Metal Modified-Glass Ionomer Core Build Up and Composite Resin Core Build Up Amanda Septinita Ayuningputri, Twi Agnita Cevanti, Eriza Juniar			

Г		
		Effect of Methanol Extrac of Achantus Icilifolius L Leaves on
P1-29 Candidiasis with I Deanido, Raihan Fikri,		Decreasing The Thickness of The Candida Albicans Biofilm on The Oral Candidiasis with Immunosupressed Conditions Deanido, Raihan Fikri, Erlin Devina, Dwi Andriani, Dwi Setyaningtyas
	P1-30	Recurrent Oral Herpes Infection: Challenges in Diagnosis and Therapy (Study Of Two Cases) Dwi Kartika Sari, Febrina Rahmayanti, Harum Sasanti, Ambar Kusuma Astuti

Sabtu, 30th November 2019

Viewing Time : 08.00 - 13.00

Location : Pelangi Room Aisle

Presentation : 09.00 – 09.30

& Judging Session

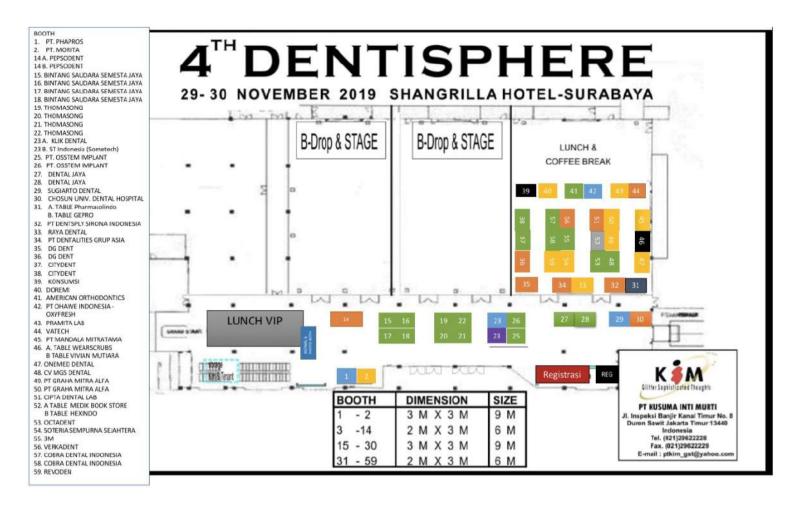
CODE	Titles and Authors		
P2-01	Perbedaan Daya Hambat Kombinasi Kalsium Hidroksida dan Cresotin Terhadap Pertumbuhan Bakteri Enterococcus Faecalis Belinda Kusuma, Aprilia, Istien Wardhani		
P2-02	Innovation Of Squid Ink Extract (Loligo Sp.) as Antibacteria Potency to Aggregatibacter Actinomycetemcomitans Fernaldy Halim, Hernani Amelia R, Kumala Citra N, Kristanti Parisihni		
Pencitraan Cbct 3-D Kasus Temporo Mandibular Disorders A Report Khoironi Emy			
P2-04	Efektifitas <i>Granule</i> kombinasi Cangkang Kerang Darah (<i>Anadaragranosa</i>) dan Minyak Ikan Lemuru (<i>Sardinellalongiceps</i>) dalam Mempercepat Proses Penyembuhan Socket Eddy Hermanto, Rima Parwati Sari , Vivin Ariestania , Naufal Dhany Rizaki, Savira Gunawan		
P2-05	Pseudoepithelial Hyperplasia Gingiva: A Gingival Enlargement Frequently Mistaken as Malignancy Patoni, Febrina Rahmayanti, Diah Rini Handjari		
P2-06	The Correlation Between The Amount Of Cigarettes and Tluidine Blue Scores in Smokers Fishermen Nafiah, Widowati K, Priambodo Nt, Isidora Ks, Savitri Pas		
P2-07	Incidence Of Chronic Marginal Gingivitis with Calculus in Children in A Private Owned Practice in Surabaya 2018-2019 Annisa Listya Paramita, Yulie Emilda, Sandy Aditya Susilo, Ferdinand		
P2-08	The Role Of Glutaraldehyde as A Crosslinking Reagent in Tissue Scaffold Fabrication Fitria Rahmitasari, Widyasri Prananingrum		

P2-09	Phytochemical and Cytotoxicity Analysis of Effervescent Ethanol Extract Acanthus Ilicifolius L. Widyasri Prananingrum, Dwi Andriani, Arifzan Razak
P2-10	The Inhibition of Leaf Extract Moringa Oleifera on The Formation Biofilm Bacteria Enterococcus Faecalis Linda Rochyani
P2-11	Characteristic of Penaeus Monodon Shell Powder Before and After Depigmentation Process Moh. Basroni Rizal, Widyasri Prananingrum
P2-12	Hepatocellular Liver Function of Immunosuppressed Rats with Oral Candidiasis Treated with Hyperbaric Oxygen: Alt and Ast Levels Agni Febrina Pargaputri, Dwi Andriani, Ivanda Rizka Amaliah
P2-13	Antibacterial Effect Of Nannochloropsis Oculata) As Root Canal Material Againts Biofilm Streptococcus Mutans Diana Soesilo
P2-14	Comparison of Level Microleakage in Restoration Materials "Compomers" with "Resin Composite Bioactive" Fani Pangabdian, Yongki Hadinata, Dwi Acti Widyanita
P2-15	Dentruck Programme as A New Way to Educate and Interact With Busy Patient Sarsa Parilla, Steven Kunida, Fernaldy Halim
P2-16	Innovation of Hyperbaric Oxygen Therapy and Channa Striata for Orthodontic Treatment in Pressure Area Bunga Fauzia, Alriama Wiraningtias, David Firangga, Arya Brahmanta
P2-17	One Piece Implant Placement as An Alternative and Acceptable Treatment for Missing Tooth Rehabilitation Paulus Budi Teguh, Chaterina Diyah Nanik
P2-18	Osteoclast in Chronic Periodontitis Treatment by Green Microalgae Irigation Endah Wahjuningsih, Kristanti Parisihni, Syamsulina Revianti

P2-19	Attempting to Reduce Caries Prevalence in Society Almara Pasha, Lukito, Gabriella Averina			
P2-20	The Effect of Lemuru' Fish Oil (Sardinella Longiceps) Protection to The Height of Wistar Mouses's (Rattus Norvegicus) Mandible That Are Induce by Cigarette Iqbal Arif Affandi, Dian Widya Damaiyanti, Widyastuti, Fitria Septiana Dewi			
P2-21	Mechanical Evaluation of Anadara Granosa Scaffold with Various Gelatin Concentrations of Bone Regeneration Meinar Nur Ashrin, Teofilus Timon Lirungan, Ryski Dea Citra Anindita, Barliantari Rizki Namora Harahap, Baiq Alifa, Birgita Meidy Wijaya, Brian Januar, Rima Parwati Sari, Fitria Rahmitasari, Widyasri Prananingrum			
P2-22	The Role of Ethyl-Acetate Fraction from Myrcomedia Plant (Myrmecodia Pendensmerr&Perry) Towards Oral Burkitt's Lymphoma Cell Through Inhibition of Cell's Cycle and Transduction Signal of Nf-Kb Ana Medawati,Supriatno,Sofia Mubarika,Sitarina Widyarini			
P2-23	Potentially of Nano-Hydroxyapatite (N-Ha) Eggshells Waste and Titanium-Prepared Platelet-Rich Fibrin (T-Prf) in Healing Periodontitis Atik Kurniawati, Dewi Yunita, Siti Nurul, Indhi Cinthiya			
P2-24	Comparison of Osteotomy (Dentoalveolar) and Corticotomy (Computer-Guide) Techniques to Accelerate Orthodontic Tooth Movement Ananda Permata Sari, Hilda Fitria Lubis			
P2-25	The Effectivity of Green Tea Extract (Camellia Sinesis) with Drug Carrier Nano Chitosan on The Fibroblast Proliferation (The Study On Gingival Wound Healing Process Of White Wistar Rats) Indra Brahmanti, Annisa Hidaratri Uningojati, Dilla Asriyani, Urfa Tabtila, Fathul Muin, Bramanti Nadya Kausara			
P2-26	Estimasi Usia Biologis Dengan Metode Kvaal Menggunakan Radiograf Panoramik pada Rumah Sakit di Kota Semarang Nurul Rezky Utami, Niluh Ringga Woroprobosari, Eko Hadianto			

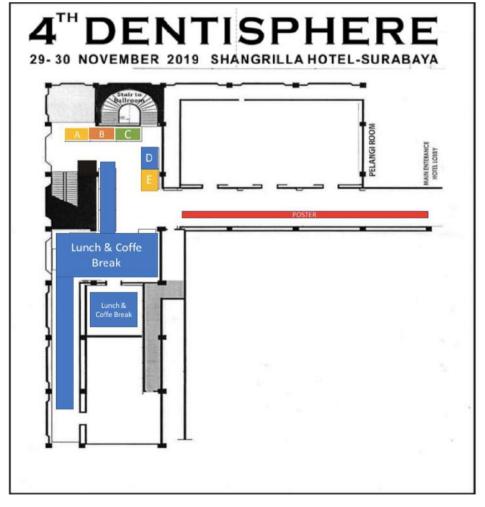
P2-27	Analisis Efektivitas Substrat dan Gel Tulang Ikan Bandeng (Chanos Chanos) terhadap Kekerasan Enamel Gigi setelah Aplikasi Hydrogen Peroxide (H202) 6% Pamela Iona A.M., Rizki Amalina, Rochman Mujayanto	
Penggunaan Mini Screw Implan Sebagai Temporary Bone A Rama Putranto		
P2-29 Early Implant Placement with Staged-Approach Guided Bone Regeneration in The Mandibular Molar: A Case Report Rosa Pratiwi		
P2-30	Annonamuricata Linn Leaves Extract Can Reduce The Candida Albicans Colonies on Heat-Cured Acylic Resin Plates Ria Koesoemawati	
P2-31 Calcium Hydroxide Based Intrakanal Medicament in Root C Infections after Composite Resin Restoration Cavity Class Ni Kadek Eka Widiadnyani		
P2-32	P2-32 Orthodontic Management of Unilateral Posterior Crossbite in the mixed Dentition: A Case Report Karima Qurnia Mansjur, Mansjur Nasir	
P2-33	P2-33 Allergy-related Stomatitis: A Case Report Dian Yosi Arinawati	

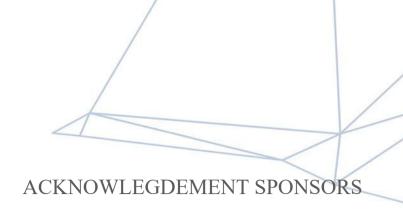




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3D CBCT (Cone Beam Computed Tomography)

Solusi untuk informasi perawatan gigi dan mulut.

Pemeriksaan radiologis merupakan salah satu pemeriksaan yang dibutuhkan untuk menentukan rencana perawatan bahkan keberhasilan perawatan. Cone beam computed tomography 3- dimension (CBCT 3D) merupakan alat radiografi yang beresolusi tinggi yang menghasilkan pencitraan secara 3-dimensi untuk memenuhi kebutuhan informasi perawatan gigi dan mulut.

Alat tersebut menghasilkan pencitraan secara tiga dimensi yang meliputi bidang aksial, koronal dan sagital serta dapat mengukur densitas tulang. Hasil yang diperoleh berupa grafik densitas dengan nilai maksimal dan minimal, serta perbedaan pemetaan warna untuk memberi nilai kepadatan tulang rahang dari setiap voxel serta dapat divisualisasikan sehingga dapat mengukur kualitas tulang.

CBCT 3D dapat mengatasi masalah radiografi yang telah ada sebelumnya, seperti kurang akuratnya pengukuran tebal tulang yang tersisa, kelengkapan detail jaringan keras, dosis radiasi yang cukup besar untuk pasien,dan tampilan struktur anatomi dari satu aspek saja dalam satu kali pengambilan gambar.

Kegunaan pemeriksaan CBCT adalah sebagai berikut:

- Untuk pemeriksaan TMJ (Temporo Mandibular Joint)
- Untuk pemeriksaan sinus paranalis
- Untuk pemeriksaan patologi dan rahang, misalnya tumor pada gusi, cysta, atau lesi fibro osseous
- Untuk bahan pertimbangan sebelum dan setelah dilakukan implan gigi
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- Untuk mengevaluasi trauma pada wajah
- Pada bidang endodonti biasanya digunakan untuk melihat jumlah saluran akar dan fraktur pada daerah akar
- Pada bidang periodonti pada umumnya dipakai untuk adanya defek pada jaringan periodontal tersebut.

CBCT 3D termasuk teknologi baru sehingga memiliki beberapa kelebihan, yaitu dosis paparan lebih rendah, waktu paparan radiasi cepat, tersedia fasilitas mengukur panjang, derajat kemiringan, panjang lengkung rahang, derajat densitas tulang, dan sebagainya.

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- · Clear image

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FOV 8 X 8

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High ease of use









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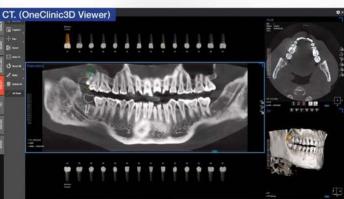
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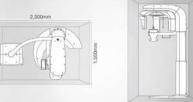












Side View

Technical Specifications

	CT	Panorama	Cephalo
Scan Time	ND (14sec) / HD (22sec)	ND (10sec) / HD (16sec)	ND (5sec) / HD (10sec)
Voxel Size	0.2mm		
Recon Time	40sec		

Top View

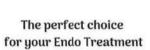




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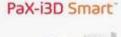






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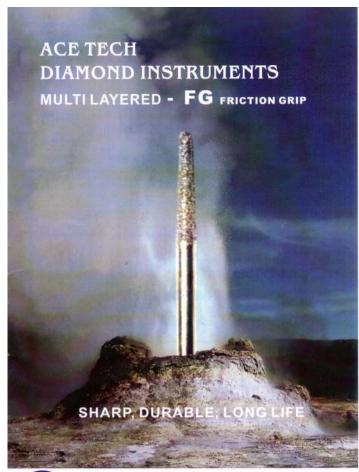


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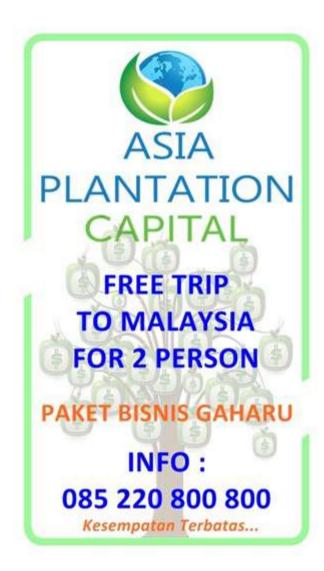


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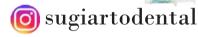




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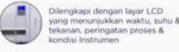
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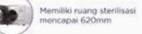
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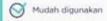
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