

DIM2018

DIO International Meeting 2018

MAY 11 - 12, 2018
in BUSAN, KOREA



MAKE IT REAL

D I O P R O B O



3D Printer DIO PROBO



High resolution & Accuracy

Highly precise prosthetic output by using 1920 x 1080 Full HD DLP



Touch Screen

Friendly user interface with touch panel



Automated Material Selection

Automatic setting of printing time by tagging and recognizing printing material



Web Support

Remote trouble shooting and product support

Taking Digital Transformation Beyond the Digital.

DIO DIGITAL CHAIRSIDE SOLUTIONS



Intra Oral Scanner TRIOS 3
(3shape)



CAD/CAM PrograMill ONE
(Ivoclar Vivadent)



3D Printer DIO PROBO
(DIO)



UV Activator
(DIO)

DIO Digital Orthodontic Solution **DIO ORTHOnavi.**

3D-Printed Lingual or Labial Brackets



Easy to Attach

Attach to the correct position with a customized jig and positioning template.



Elaborate Control

The teeth are adjusted delicately using two Ni-Ti wires.



Fast Alignment

The frictional force is low and Ni-Ti wires enable tooth to move fast.



Multiple Types of Positioning

Labial, Lingual. Both are available.

0.01°

**Effort to Reduce
the Error of Implant Surgery :
The Value of DIONavi.**

0.01°

for **ACCURACY**

Digital Implant, DIONavi,
is digitalized in all processes.
Before surgery, 3D simulated
operation finds the proper implant
position and angle. It reduces the
placement error.







DIM 2018

DIO International Meeting 2018
MAY 11 - 12, BUSAN

MAY 11

DIO HQ Tour / Lecture / Welcome Party

Sohyang Theater | Nurimaru APEC House

MAY 12

Lecture / Gala Dinner

Busan Cinema Center

WELCOME TO DIM 2018



MAY 11, 2018_FRIDAY

Day 1 | All New DIGITAL Part 1.

1st Floor, Sohyang Theater

Special Guest

3shape

3shape
Vice President
Mr. Rune Fisker

**ivoclar
vivadent**
passion vision innovation

Ivoclar Vivadent
Global Region Head of AP.
Mr. Christian Brutzer



Dr. Alejandro Aguilar
Mexico



Dr. KuoNing Ho
Taiwan



Dr. Dongkeun Chung
Korea



Dr. Doeun Dong
Korea



Dr. Sheelkumar Vora
India



Dr. Pedro Moura
Portugal



Dr. Gisun Bae
Korea

Time	Topics	Remark
09:00 ~ 12:00	DIO HQ Tour	
12:00 ~ 13:30	Lunch	
13:30 ~ 14:00	Opening Welcome Address / DIO Vision	Mr. JC Kim (Founder, DIO) & Mr. Tae Kim (Executive Vice President, DIO)
14:00 ~ 14:20	Congratulatory & Partnership / Vision	Mr. Rune Fisker (Vice President, 3shape)
14:20 ~ 15:00	Lecture 1 Difficult cases in Dental Implantology	Dr. Alejandro Aguilar
15:00 ~ 15:30	Lecture 2 DIONavi. : Workflow	Dr. KuoNing Ho
15:30 ~ 15:50	Break Time	
15:50 ~ 16:30	LIVE Pre-surgery step	Dr. Dongkeun Chung & Dr. Doeun Dong
16:30 ~ 17:00	Lecture 3 DIONavi. : Advanced case workflow	Dr. Sheelkumar Vora
17:00 ~ 17:20	Break Time	
17:20 ~ 17:50	LIVE DIONavi. Live Surgery	Dr. Dongkeun Chung & Dr. Doeun Dong
17:50 ~ 18:20	Lecture 4 Tailored. Digital bespoke solutions for the atrophic jaws	Dr. Pedro Moura
18:20 ~ 19:00	Lecture 5 The future of orthodontics in digital dentistry	Dr. Gisun Bae
19:30 ~ 21:30	Welcome Party : DIO Moonlight Wine Party	Nurimaru APEC House

MAY 12, 2018_SATURDAY

Day 2 | All New DIGITAL Part 2.

1st Floor, Haneulyeon Theatre, Busan Cinema Center



Dr. Jonathan Ferencz
USA



Prof. Byungho Choi
Korea



Dr. Paulo Carvalho
Portugal



Prof. Mohammad Bayat
Iran



Dr. M. Mohsen Khobyari
USA



Prof. Seungmi Jeong
Korea



Dr. Junhyouk Shin
Korea



Dr. Christopher C.K. Ho
Australia



Dr. Samuel Lee
USA

Time	Topics	Remark
09:30 ~ 09:35	Opening	
09:35 ~ 09:55	Congratulatory & Partnership / Vision	Mr. Christian Brutzer (Global Region Head of AP, Ivoclar Vivadent)
09:55 ~ 10:25	Lecture 1 CAD/CAM : Moving beyond same-day crowns	Dr. Jonathan Ferencz
10:25 ~ 11:10	Lecture 2 Digital technique for immediate loading in edentulous patients	Prof. Byungho Choi
11:10 ~ 12:40	Lunch	
12:40 ~ 13:00	Music Performance	
13:00 ~ 13:30	Lecture 3 Mucogingival approach in implant rehabilitations: The contribution of new digital tools	Dr. Paulo Carvalho
13:30 ~ 14:10	Lecture 4 Digital Approaches in Implant Dentistry, the Last Extra Degree	Prof. Mohammad Bayat & Dr. Mohammad Mohsen
14:10 ~ 14:30	Break Time	
14:30 ~ 15:10	LIVE DIONavi. Live Surgery	Prof. Byungho Choi & Prof. Seungmi Jeong
15:10 ~ 15:50	Lecture 5 Digital Art : from idea to realization 2018	Dr. Junhyouk Shin
15:50 ~ 16:10	Break Time	
16:10 ~ 17:20	Lecture 6 Seven essential keys for immediate implant placement and loading in the anterior maxilla	Dr. Christopher C.K. Ho
17:20 ~ 17:30	Break Time	
17:30 ~ 18:40	Lecture 7 Management of Surgical Complications	Dr. Samuel Lee
19:00 ~ 21:00	Gala Dinner	Busan Cinema Center

※ The program is subject to change with prior notice.

MAY 11, 2018_FRIDAY

Day 1 | Speakers

Share various clinical cases of the innovative technology on digital dentistry with the renowned lecturers



Dr. Alejandro Aguilar

Mexico

- Graduated from Universidad Intercontinental in Mexico City
- Conducted Multiple Research and Submitted His Fieldwork for International Publications
- Certificated in Dental Implants by The University of Pennsylvania in Philadelphia
- Awarded in 2012 with The International Excelsis Award, General Director at the Research Center in Biomaterials and Bio-Technology Viotechno
- International Figure in The Buccal Aesthetic as well as Cosmetic Dentistry.

Lecture 1

Difficult cases in Dental Implantology

The placement of dental implants has become routine nowadays in most dental clinics and is one of the dental treatments patients request the most.

Dental implantology is one of the most invasive dental treatments that dentists encounter. Working on the internal structures of the jaw entails a series of risks inherent to the treatment that can not only put the patient's health at risk but compromise the final result of the treatment.

This treatment calls for a high degree of training for the professional in medical techniques, as well as familiarity with and management of the wide variety of digital tools that can ensure minimum risk for the patient's health and a good forecast for the integral treatment.

In this brief presentation we will survey the main surgical challenges that we face every day in our practice of dental implantology and how digital tools are fundamental to success. Dr Alejandro Aguilar will transmit his experience of more than 30 years placing dental implants. Dr Aguilar receives patients from the 5 continents in his daily practice, most of them referred to him by Doctors, Hospitals and Universities as "very difficult" cases.



Dr. KuoNing Ho

Taiwan

- Doctor of Dental Surgery, School of Dentistry, Taipei Medical University
- Master of Science in Dentistry, and Certification of Specialist Training in Prosthodontics Dentistry, School of Dentistry, Taipei Medical University
- Doctor Degree of Philosophy, School of Dentistry, Taipei Medical University
- Vice President of Asia Pacific Association of Clinical Dentistry
- Director of Asia Pacific Association of Clinical Dentistry

Lecture 2

DIONavi. : Workflow

Traditionally, flap surgery can clearly observe the implantation site and diminish the probability of alveolar bone perforation.

However, in recent years, with the advancements of digital diagnostics (ex. CT images, digital intraoral scanners), digital positioning tools (ex. digital surgical stents) and surgical procedures; more and more animal and clinical studies have shown that flapless implant surgery can reduce the loss of tissue around the implants and overcome intraoperative or postoperative soft tissue problems, shorten operation time, accelerate postoperative healing, have fewer postoperative complications, increase patients comfort, etc.

This lecture is to introduce the DIONavi. digital workflow and discuss the advantages and disadvantages of the clinical application of digital positioning flapless implant surgery and GBR with minimally invasive tunneling techniques, in terms of theoretical basis, surgical methods, and clinical cases.

S P E A K E R S

Special Guest

3shape 

3shape
Vice President
Mr. Rune Fisker



Dr. Dongkeun Chung

Korea

- Present Chief Technology Officer in DIO
- Bachelor of The Busan National University Dental College, Korea
- Doctor Degree in Dental College of The Busan National University, Korea
- Adjunct Professor at His Alma Mater and Kyungnam College of Information and Technology
- Department Head of Dentistry at The Kwanghye Spine Center
- The Director of The Korean Academy of Osseointegration



Pre-surgery step / DIOnavi. Live Surgery

In the past, to do prosthetic procedure in one day was impossible. Recently people are getting busy and they can't spend much time for dental care especially for, patients who come from long distance or overseas for treatment.

However, the fourth industrial revolution has transformed the paradigm of the dentistry, and the dentistry system is radically transforming into a digital workflow.

These digital workflows are fast, accurate and painless for patients. And temporary crown is aesthetically superior so that can be a very satisfying solution that enables patients return to daily life immediately.

Also, for the surgeon, I think it is the most advantageous thing to be able to predict the result of surgery in fast and accurate way.

The Live Surgery, "2hours Implant", which will be presented at the DIO International Meeting is a full digital workflow.

With the DIO Digital Chairside Solutions, the entire process which includes diagnosis, planning, design, printing a guide and temporary crown, implant placement and loading the temporary crown are completed within 2 hours.

I would like to show you "Real Full Digital Workflow" with vivid live surgery that both the patient and the doctor can be satisfied with. I hope you all enjoy the time to look and feel lively.



Dr. Doeun Dong

Korea

- Bachelor of The Busan National University Dental College, Korea
- Adjunct Professor at His Alma Mater
- Primary Member of KAOMI (The Korean Academy of Oral & Maxillofacial Implantology)
- Member of The Korean Academy of Endodontics

MAY 11, 2018_FRIDAY

Day 1 | Speakers

Share various clinical cases of the innovative technology
on digital dentistry with the renowned lecturers

**Dr. Sheelkumar Vora***India*

- Bachelor of Dental Surgery, Padmashree Dr. D.Y.patil Dental College & Hospital, Mumbai in 2006
- Master of Dental Surgery, Orthodontics & Dentofacial Orthopaedics, Ragas Dental College & Hospital, Chennai in 2012
- Author 'Skeletal Anchorage Using Mini- Implants in The Maxillary Tuberosity Region J Ind Orthod Soc' in 2013
- Awarded 2nd Prize for Best Research Presentation at The Zonal P.G. Convention by Indian Orthodontic Society (Ios) at Chennai in 2011

Lecture 3**DIONavi. : Advanced case workflow**

Advanced digital technology is changing what is possible in oral health, function, and esthetics. Many clinicians are incorporating digital solutions into their practices and finding significantly improved workflow efficiency and ease of collaboration with laboratories.

Patients treated with digital solutions are benefitting from the combination of efficient processes and aesthetics. Digital workflow in Dentistry is really about efficiency. Yet, digital solutions in Dentistry are still not widely accepted or practiced. The biggest reason for this is the "we always did it that way" mentality, which needs to be shaken off. There are so many technologies such as digital radiography or patient management system that can make our practice much more efficient.

Dr. Vora will share his experience with DIONavi. concept on advance digital case workflow such as sinus augmentation, immediate extraction and placement & fully edentulous scenarios & also present his clinical cases to provide in-depth know-how of the benefits of using different digital aids to perform accurate diagnostics, treatment planning, and navigation surgery in difficult clinical conditions.

**Dr. Pedro Moura***Portugal*

- Bachelor of Dental Sciences and Clinical Psychology
- Master of Implantology in 2009
- Master of Periodontology in 2011
- Lecturer at Master Surgery of Clinical Residency in Surgery at Foramen Dental Education since 2014
- Obtained Accreditation in Zygomatic Implants
- Pedagogic Coordinator of Foramen Dental Education

Lecture 4**Tailored. Digital bespoke solutions for the atrophic jaws**

As technology progresses, new solutions arise for the problematic of bone atrophy. Whether we are talking about patient specific implants, custom cad cam grafts or even bespoke meshes, there is certainly a lot to be said about this exciting growing field.

As technology progresses, new solutions arise for the problematic of bone atrophy.

Whether we are talking about patient specific implants, custom cad cam grafts or even bespoke meshes, there is certainly a lot to be said about this exciting growing field.



Dr. Gisun Bae

Korea

- Bachelor of The Busan National University Dental College in 1993, Korea
- Adjunct Professor of Orthodontics Oral Medicine at His Alma Mater
- Committee of 2015 Wslo
- Awarded The Korean Association of Orthodontists in 2013.
- Member of Board of Directors in Korean Association of Orthodontists
- Member of Korean Association of Lingual Orthodontists

Lecture 5

The future of orthodontics in digital dentistry

In recent years, there have been various attempts to introduce modern digital devices in the area of orthodontic treatment. A digital clear overlay appliance is one of the most favored orthodontic methods opted for by adult patients; this treatment is esthetic, does not cause discomfort and allows oral hygiene to be easily managed when compared to other conventional fixed treatment methods. However, the use of clear overlay appliances is associated with various clinical challenges. In particular, the appliances require more prolonged treatment time compared to fixed treatment, and due to the structural characteristics of the appliances, it is difficult to make proper posterior occlusion and specific type of tooth movement, including extrusion, rotation, and tip. Thus, the clear overlay appliances are regarded as supplementary appliances by most orthodontists and have been used for simple orthodontic treatments, such as partial anterior alignments or orthodontic relapse cases.

Owing to the remarkable advancement in the field of 3D digital technology over a period of 15 years, the accuracy and convenience of modern clear overlay appliances, have continuously improved. Moreover, orthodontic outcomes have also been significantly enhanced by the introduction of new materials and successful application of various biomechanical methods from conventional orthodontic treatments in the design of clear overlay appliances. With continuous innovations made about Invisalign, 2D lingual brackets and other tube-type appliances have been developed. However, there are various clinical limitations associated with these appliances. The treatment methods are complicated, and it is difficult to achieve appropriate and desired teeth movement.

To solve those problems, we have developed a fully customized bracket manufacturing method for an individual patient with direct 3D resin printing in the office for efficient and precise digital orthodontic treatment.

The primary advantage of direct manufacture of an orthodontic bracket by the 3D printer is that the shape of the bracket can be modified almost limitlessly. Since the shape or size of the bracket can readily be adjusted, if necessary the number, location, and shape of slots can also be changed as much as required; more efficient tooth movement is possible, and further, adjustment by wire bending can be minimized.

A new protocol for direct 3D printing of orthodontic brackets will be a great help in performing digital orthodontics more efficiently and accurately. It is expected that appropriate combination of two strands of light round wire and 3D-printed bracket whose design can readily be changed in accordance with the practitioner's treatment strategy, will provide an infinite potential for orthodontic biomechanics.

MAY 12, 2018_SATURDAY

Day 2 | Speakers

Share various clinical cases of the innovative technology on digital dentistry with the renowned lecturers



Dr. Jonathan Ferencz

USA

- Clinical Professor of Post-Graduate Prosthodontics and was certified by the American Board of Prosthodontics in 1998.
- An Adjunct Professor of Restorative Dentistry at the University of Pennsylvania School of Dental Medicine
- A Clinical Professor of Dental Medicine at Columbia University College of Dental Medicine
- A Fellow of the Northeastern Gnathological Society in 1988 and served as its President in 1995 and 1996.
- His textbook 'High-Strength Ceramics: Interdisciplinary Perspectives' co-edited by Nelson Silva and Jose Navarro was published in 2014 by Quintessence Publishing Co.

Lecture 1

CAD/CAM : Moving beyond same-day crowns

This presentation will focus on using CAD/CAM for extensive reconstructions in the esthetic zone that cannot be done in a single clinical visit.

It will describe the development of a workflow that has evolved to include digital diagnostic design, milled PMMA provisionals, the use of printed casts, and monolithic ceramic materials.

This time-efficient workflow eliminates half of the chair time required for analog reconstructions. In addition, the patient has a precise preview of the design which is carried through to the provisionals and reproduced in the final ceramics.



Dr. Paulo Carvalho

Portugal

- Doctor of Dental Surgery in Oporto University, Portugal
- Master of Implant Dentistry, Centro Formação FA
- Master of Oral Surgery and Autologous Bone Grafts by Implant Brazil
- Master of Mucogingival and Periodontal Surgery
- Residence in Aesthetic Dental Rehabilitation at Foramen Dental Education
- Speaker at Several National and International Conferences
- Former Collaboration at Oporto University, Portugal

Lecture 3

Mucogingival approach in Implant Rehabilitations: The contribution of new digital tools

Patient's demands on results in Implant Dentistry are getting higher and higher nowadays. They expect even more aesthetic results with less morbidity possible and in shorter time. A mucogingival approach allows the clinician to restore the lost tissues architecture around implant-supported rehabilitations, providing the patient the desired aesthetics and comfort.

The evolution of mucogingival procedures made this approach less invasive but the main contribution for more precise results along with more comfort for both patient and clinician come from new digital tools. Precision of digital workflow provides much better results in such sensitive procedures, it enhances the aesthetic outcome and avoids some further reconstruction procedures comparatively with conventional approaches.

Not only in surgical stages but also on the prosthetic phase, the use of digital prosthetic tools will guide the clinician through a more predictable and comfortable path so that the final result is fitter and closer to what was planned from the beginning.

This presentation will rely on this joint approach with contribution from digital tools and less invasive mucogingival procedures to achieve the most perfect results with less morbidity for the patient in implant-supported restorations, from single-unit to full-arch ones.

Special Guest



Ivoclar Vivadent
Global Region Head of AP.
Mr. Christian Brutzer



Prof. Byunggho Choi

Korea

Present Professor, College of Dentistry and Woonju College of Medicine, Yonsei University

Doctor Degree of Oral and Maxillofacial Surgery Dept, Freigurg University, Germany in 1991

Trained at The Oral & Maxillofacial Surgery Dept., Yonsei University, Korea
Awarded 'Best Paper Award for 2008' by The Journal 'Oral Surg Oral Med Oral Pathol' in USA

Author 'Flapless Implantology' in French Ed. Quintessence Publishing Company in 2012

Lecture 2

Digital technique for immediate loading in edentulous patients

The use of immediate provisional implant-supported fixed restorations has been a popular treatment approach for edentulous individuals after implant placement. Although several techniques for immediate interim restoration have been proposed, the conversion of a denture into an interim implant-supported, screw-retained restoration has become the standard method for edentulous patients. The most critical steps of the denture conversion process are the creation of appropriate denture access holes to prevent displacement of the denture by the interim cylinders and removal of the denture flanges to facilitate both good esthetics and accessibility for oral hygiene after the denture is connected to the interim cylinders.

This presentation shows a digital technique for designing and fabricating an interim implant-supported, fixed prosthesis for edentulous patients. The interim prosthesis has cylinder access holes that are digitally prefabricated and a denture flange part that is designed to be easily cut off.

This technique facilitates more straight forward and efficient immediate restoration for edentulous patients after implant placement. At the same time, this presentation shows a digital workflow that is used to perform computer-guided flapless implant placement without the use of conventional impressions and model casting.



Prof. Seungmi Jeong

Korea

- Bachelor of Dental College, Göttingen University Dental College, Germany in 1992

- Doctor Degree in College of Dentistry, Göttingen University, Germany in 1997

- Present Associate Professor, College of Dentistry and Woonju College of Yonsei University

- Director of Korean Academy of Stomatognathic Function and Occlusion



DIONavi. Live Surgery

In the posterior maxilla, implant placement may be problematic because the alveolar process tends to resorb with age, and the maxillary sinus becomes larger. As there is little bone volume available in this region, sinus floor elevation has become an important procedure in peri-implant grafting.

The combination of flapless surgery and crestal sinus elevation with simultaneous placement of implants is an attractive surgical approach for implant grafting in the posterior maxilla.

This live surgery will show how to perform flapless crestal sinus augmentation together with immediate implant restorations.

MAY 12, 2018_SATURDAY

Day 2 | Speakers

Share various clinical cases of the innovative technology on digital dentistry with the renowned lecturers

Lecture 4

Digital Approaches in Implant Dentistry, the Last Extra Degree

The Digital revolution is changing the way people think, communicate and work.

The world of Dentistry is also experiencing the effects of the fast revolution: computers and digital devices are making what were previously manual tasks easier, faster, cheaper and more predictable.

CBCT, intraoral scanners, facial scanners, and digital articulators are now part of routine dental practices around the world. They represent a tremendous breakthrough in how we plan the treatment process for our patients.

Nearly all steps of the dental implant therapy, namely treatment planning, placing of the implant as well as production the temporary and final restorations have been affected by this technology.

This presentation will focus on Digital Implant dentistry, which is one of the aspects of evolving dental Implant technology and explains its remarks.



Prof. Mohammad Bayat
Iran

- Chairman of DIONavi.Team in Iran and DDA Main Lecturer
- Pioneer of Digital Implantology and DIONavi. Based Implant Treatment in Iran
- Chairman of Iranian Society of Oral and Maxillofacial Sciences, Tehran, Iran
- Fellowship of Oral Public Health Course in Helsinki Finland University, Turku, Finland.
- Fellowship of Oral And Maxillofacial Surgery (OMFS) Traumatology and Orthognatic Surgery in Munich University, Munich, Germany.
- Fellowship of Facial Esthetic Surgery in Tehran University of Medical Sciences, Tehran, Iran



Dr. M. Mohsen Khobyari
USA

- University of Texas, San Antonio school of dentistry Doctor of Dental Surgery, TX USA.
- Tehran University of Medical Education, Post Graduate Program in Prosthodontics.
- Shahid Beheshti University of Medical Sciences, Doctor of Dental Surgery.
- Editorial Board Member, AllDinsider Newsletter, American Institute of Implant Dentistry Washington D.C USA.
- Visiting Lecturer, Tufts University School of Dental Medicine for The Department of Prosthodontics and Advanced Education in Esthetic and Operative Dentistry, MA USA

S P E A K E R S



Dr. Junhyouk Shin

Korea

- Bachelor of The Busan National University Dental College in 1998
- The Authorized Member of The Korean Academy of Stomatognathic Function and Occlusion
- The Board Member of the Korean Academy of Implant Dentistry
- The Board Member of the Korean Academy of Esthetic Association
- Enrolled in QDT 2018 World Yearbook
- Member of Natural Aesthetic Group (NAG)
- Speaker of the Korean Academy of Digitalized Dentistry
- World advisor of the 3Shape
- Present Director of Digital Art Dental Hospital

Lecture 5

Digital Art : from idea to realization 2018

Digital Art: from idea to realization 2018

In the digital and Smart Machine age, dental technologies including digital camera, video, intraoral scanners, CBCT, CAD/CAM, 3d printers, milling machines have been developed and are continually advancing.

Smart machines are also used in the dental procedures.

The digital tools and smart machines have many advantages and they can make up for the weaknesses of the analogue dental procedures.

Especially in the diagnostic step, they make it easy to diagnose the patient current situation, which are often neglected in the analogue dental treatment.

In this lecture, I would like to show the development and usage of the digital tools in the digital prosthodontics, digital orthodontics and digital diagnostics.



Dr. Christopher C.K. Ho

Australia

- Bachelor of Dental Surgery, Sydney University, Sydney Australia in 1994
- Master of Clinical Dentistry (Prosthodontics) with Distinction, King's College, London United Kingdom in 2009
- Doctor Degree of Clinical Dentistry (Prosthodontics), Sydney University, Sydney Australia in 2016
- Fellow of Pierre Fauchard Academy
- Awarded 'Winner Local Business Awards (North Shore) - Outstanding Health Care Improvement Services in 2017

Lecture 6

Seven essential keys for immediate implant placement and loading in the anterior maxilla

The ability to provide same day teeth when patients lose a tooth in the anterior maxilla can be a rewarding and practice building treatment protocol.

To achieve success in placing immediate implants the diagnosis and planning of the case must include 7 keys aspects during the decision-making process. The following are (I) atraumatic extraction (II) the presence of a buccal plate, (III) primary stability, (IV) implant design, (V) filling of the gap between the buccal plate and the implant, (VI) tissue biotype and (VII) control of occlusal forces.

This lecture will detail the steps required to successfully perform immediate implant placement and provisionalisation with the objective to preserve tissue contours, decrease treatment time and provide immediate teeth in a predictable manner with long term stability.

MAY 12, 2018_SATURDAY

Day 2 | Speakers

Share various clinical cases of the innovative technology on digital dentistry with the renowned lecturers



Dr. Samuel Lee

USA

- Diplomate, International Academy of Dental Implantology
- Diplomate, American Board of Oral Implantology / Implant Dentistry
- Doctor Degree of Medical Science in Oral Biology, Harvard University
- Obtained Periodontal Specialty Certificate, Harvard University
- Doctor Degree of Dental Surgery, UCLA University
- Inventor of Ultra Low Dosage Miniature X Ray Source
- Inventor of Digital Sensor Angulation Corrector (Innovative Dental Technology)

Lecture 7

Management of Surgical Complications

Dental implant surgery has been very safe and predictable "in office" procedure.

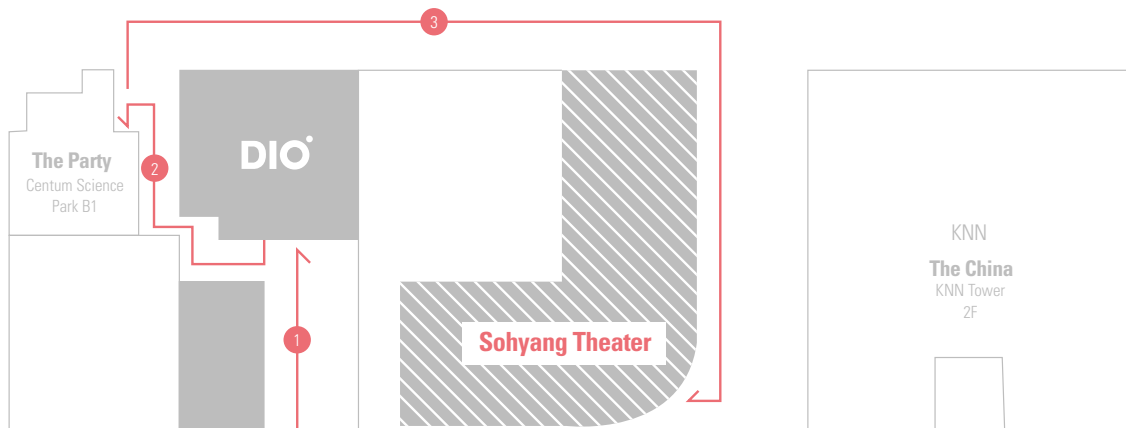
Occasionally, surgical complication can arise leading to hemorrhage, nerve damage, loss of implant into cavities, and death.

Review of oral anatomy & thorough understanding of common pitfalls during the surgery can minimize adverse outcome during the implant surgery.

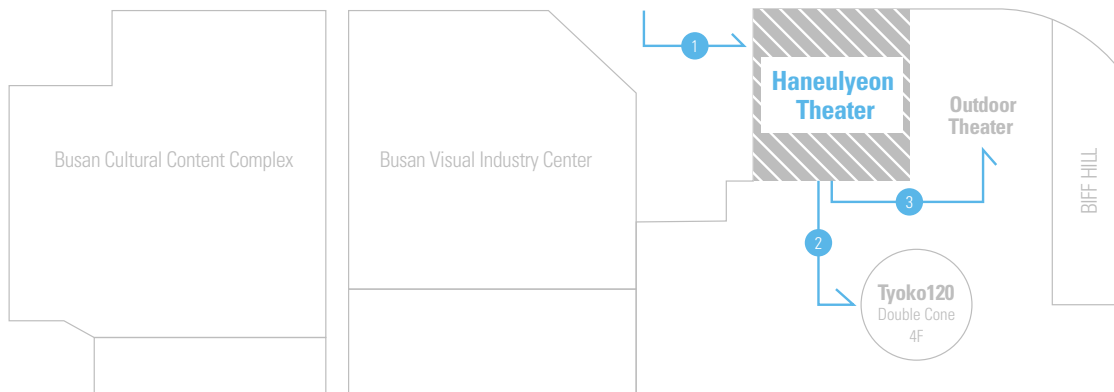
In this lecture, Dr. Lee will introduce common surgical complication and its management.

Route

MAY 11-12, 2018
Day 1-2



Centum seo-ro



※ The program is subejct to change with prior notice.

Day 1

- ① 09:00 ~ 12:00 DIO HQ Tour
- ② 12:00 ~ 13:30 Lunch
- ③ 13:30 ~ 19:00 Lecture_Sohyang Theater
- ④ 19:30 ~ 21:30 Welcome Party_Nurimaru APEC House

Dress Code : Smart Casual

Day 2

- ① 09:30 ~ 18:40 Lecture_Busan Cinema Center(Haneulyeon Theater)
- ② 11:10 ~ 12:40 Lunch
- ③ 19:00 ~ 21:00 Gala Dinner_Busan Cinema Center(Outdoor Theater)

MAY 11-12, 2018

Venues

Meet the newest digital dentistry in the representative landmark of Korea beyond Busan

DIO HQ & Sohyang Theater & Busan Cinema Center



DIO HQ

#66 Centum seo-ro, Haeundae-gu, Busan
TEL +82 51 745 7700

_DIO HQ Tour (MAY 11)

Sohyang Theater

#55, Centum jungang-ro, Haeundae-gu, Busan
TEL +82 51 950 6500

_ Day 1, Lecture (MAY 11)

Busan Cinema Center

#120, Suyeonggangbyeon-daero, Haeundae-gu, Busan
TEL +82 51 780 6000

_Day 2, Lecture / Gala Dinner (MAY 12)

Nurimaru APEC House & Accommodations



■ Nurimaru APEC House

#116 Dongbaek-ro, Haeundae-gu, Busan
TEL +82 51 744 3140

_ Welcome Party (MAY 11)

■ Westin Chosun Hotel

#67, Dongbaek-ro, Haeundae-gu, Busan
TEL +82 51 749 7000

_ Accommodation

■ Haeundae Grand Hotel

#217, Haeundaehaebyeon-ro, Haeundae-gu, Busan
TEL +82 51 7400 114

_ Accommodation

■ Shilla Stay Haeundae

#46, Haeun-daero 570beon-gil, Haeundae-gu, Busan
TEL +82 51 912 9000

_ Accommodation

D I M 2 0 1 8

ALL NEW DIGITAL

D I M 2 0 1 8

ALL NEW DIGITAL

SEE YOU AT NEXT DIM

DIO International Meeting



DIO'

A photograph of a modern office building at dusk. The building has a prominent concrete base and a glass-enclosed upper section. The word 'DIO' is displayed in large, white, three-dimensional letters on the top of the concrete base. The glass facade reveals the interior of several floors, which are brightly lit with warm yellow light. Through the windows, various office spaces are visible, including desks with computers, chairs, and people working. The sky above is a deep blue with some light clouds.

