



ICOI Fellowship Certification Program

CONTINUING DENTAL EDUCATION 2020

ICOI(International Congress of Oral Implantologists)

Japan Branch of ICOI International Congress of Oral Implantologists,(Public Corporation)



INTERNATIONAL
CONGRESS
OF ORAL IMPLANTOLOGISTS

ICOI Fellowship Certification Program

FACULTY



Reiji Suzuki
DDS

Lecturer, Oral Rehabilitation,
Chair of Functional
Rehabilitation
School of Dentistry, Meikai
University



Koji Sakiyama
DDS

Associate Professor,
Anatomy, Chair of
Developmental Study of Form
and Function, School of
Dentistry, Meikai University



Jun Shimada
DDS

Professor, Oral Maxillofacial
Surgery, Chair of
Pathophysiology, Diagnosis,
Treatment, School of
Dentistry, Meikai University



Tsuneyasu Tatsuta
DDS

Associate Professor, Oral
Maxillofacial Surgery,
Pathophysiology, Diagnosis,
Treatment, School of
Dentistry, Meikai University



Junichi Tatsumi
DDS

Associate Professor,
Periodontics, Chair of Oral
Bio-regeneration Engineering,
School of Dentistry, Meikai
University



Satoshi Yokose
DDS

Professor, Conservative
Dentistry, Functional
Preservation and
Rehabilitation, School of
Dentistry, Meikai University



Yoshiharu Hayashi
DDS

Director of Yu-Bldg. Dental
Clinic, Director of Shuhi-kai
(incorporated medical
institution), Mentor (Japan
Academy of Clinical
Dentistry), ICOI
Ambassador/Diplomate



Takashi Watanabe
DDS

Director of Kotaki Dental
Clinic, Clinical Professor,
School of Dentistry, Meikai
University, Former
Chairman of Board of
Directors and Mentor,
Japan Academy of Clinical
Dentistry

TABLE OF CONTENTS

1. ICOI Fellowship Certification Program	1	5. Management of peri-implantitis (live surgery)	6
2. Implant basic program (10-day course).....	2	6. Implant placement into a large sinus above the upper molars	6
3. Management of problems at the time of implant placement	5	7. Esthetic rehabilitation with implant	6
4. Implant therapy for patients with insufficient bone volume.	8	8. Management of multiple tooth defects in the esthetic zone	7





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■ ICOI (International Congress of Oral Implantologists)

ICOI was founded in 1972 as an international congress of oral implantologists with its headquarters in the state of New Jersey, U.S.A.

One of the important missions of ICOI is the provision of continuing education on oral implantology for the benefit of our patients with availability of high quality dental healthcare. ICOI is the largest organization of oral implantologists in the world and also the largest provider of continuing education programs on oral implantology.

■ ICOI Asia Pacific Section Secretariat

Under the auspices of ICOI Asia Pacific Secretariat, ICOI Japan Branch was established in January 2008. Japan Branch is now in the position of providing the latest dental information of international quality, and maintaining the close communications between the world class specialists and the Japanese members of ICOI. Establishing the Japan Branch also helps provide the continuing education programs on dental implant and better serve the Japanese members on many aspects of dental healthcare. ICOI Japan Branch is expected to involve in various projects in the future.

■ Host Organization: ICOI (International Congress of Oral Implantologists) ICOI Japan Branch (General Public Corporation)

■ Certification Program: Officially approved program of ICOI Fellowship Certification Program

※ Applicant is required to complete no less than 100 hours of training in 5 years to be certified as a Fellow of ICOI.

(See website : <http://www.icoi.org/join-the-icoi>)

■ Application for Certification: Upon completion of the required program, the applicant is requested to present all pertinent documents to the ICOI Japan Branch. Address of the Secretariat

〒115-0055

Gakujutsusha, 6-31-5 Akabane Nishi, Kita-ku, Tokyo

Tel : 03-5924-1233 Fax : 03-5924-4388

E-mail : gak-kond@zd5.so-net.ne.jp

(Website : <https://www.icoi-japan.jp/member/qualification/fellowship>)

■ Location: ◆ PDI Urayasu Dental Clinic, Meikai University

〒279-0014 1-1-20, Meikai, Urayasu, Chiba

◆ Meikai/Asahi Satellite Campus

〒160-0023 Asahi Shinjuku Bldg. F9

1-13-8, Nishi Shinjuku, Shinjuku, Tokyo

◆ PDI Tokyo Dental Office, Meikai University

〒151-0053 Miyata Bldg. 1-2F

1-38-2, Yoyogi, Shibuya, Tokyo

■ Body of Execution: Continuing Education Center

School of Dentistry, Meikai University

■ Fee: ¥985,000

(Payment may be made in monthly installment of ¥29,400 for the period of 36 months)

■ Capacity: 15 (minimum 8)



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Course No. 11200501 Implant Basic Seminar : 10 Days

■ Synopsis:

Current environment surrounding dental implant is excess information. Clinicians are faced with the difficulty in choosing the appropriate procedures and materials. Another issue is the constant announcements of commercially sponsored "how to" seminars. This has led many clinicians to perform implant procedures without adequate training. One of the results of this trend is the increasing number of untoward medical events involving implant treatment. Implant was introduced almost half a century ago, and now is an opportune time for us to review the basics of implant. Although it was a bold concept, dental implant was originally intended as a pre-prosthetic surgical procedure. In order to carry out predictable prosthetic procedures, we need to have a sound judgment of priorities of fundamental principles underlying techniques and knowledge in clinical dentistry. We hereby present the dental implant master program with national and international members of faculty to help clinicians learn what is appropriate and important in clinical dentistry.

General format of the course is lecture in the morning and hands-on exercise in the afternoon. Emphasis is placed on hands-on exercises as described below. At the completion of each session, participants are required to take a test (or present a report) on the subjects covered in that session. This is to thoroughly identify and analyze the level of comprehension of the participants so that any necessary feedback actions can be implemented. We are committed that all participants leave this program (from examination, diagnosis, to maintenance) with full understanding of the subjects and techniques presented during the course of 10 days.

■ Capacity: 15

■ Dates: 10 Days

■ Location: PDI Urayasu Dental Clinic, Meikai University

〒279-0014 1-1-20, Meikai, Urayasu, Chiba

◆ Session	Date(s)	Hours	Date(s)	Hours
Session I	April 18, 2020 (Sat.)	10:00-17:00	April 19, 2020 (Sun.)	9:00-16:00
Session II	May 23, 2020 (Sat.)	10:00-17:00	May 24, 2020 (Sun.)	9:00-16:00
Session III	June 20, 2020 (Sat.)	10:00-17:00	June 21, 2020 (Sun.)	9:00-16:00
Session IV	July 18, 2020 (Sat.)	10:00-17:00	July 19, 2020 (Sun.)	9:00-16:00
Session V	August 29, 2020 (Sat.)	10:00-17:00	August 30, 2020 (Sun.)	9:00-16:00

◆ Outline of the Course

Session I April 18, 2020 (Sat.)

Purpose of Implant : Examination, Diagnosis, Treatment Planning①

Instructor : Takashi Watanabe, Satoshi Yokose, Tsuneyasu Tatsuta
Success of implant therapy demands more than a in-depth knowledge and skills of implant surgery. Implant therapy is only successful when the subsequent prosthetic procedures are carried out properly. In order to produce quality outcome, implant-prosthetic therapy must begin with accurate examination and diagnosis, and one must develop the best suitable treatment plan for the case. Implant surgery is just another procedure of many options available in prosthetic dentistry. As such, we must always remember "what is the best prosthetic solution for that patient at that life stage?" This is particularly important in the super-aging society. Overall comprehensive judgment must include the treatment options of crown and bridge, and denture in addition to implant.

First day of this 10-day course is focused on the selection of treatment modality. We will talk about the science of jaw bone remodeling within the framework of clinical dentistry. Purpose and merit and demerit of dental implant must be clearly understood. This is followed by the lectures and hands-on exercises on examination, diagnosis and treatment planning that are important in practicing proper implant therapy.

◆ Program

- ① Purpose and selection criteria of implant therapy
- ② Options for partial edentulism (implant, bridge, partial denture)
- ③ Historical and scientific background of implant restoration
- ④ Basic structure and metabolism of bone
- ⑤ Topography of implant
- ⑥ Discussion examination and collection of basic data

Session II April 19, 2020 (Sun.)

Examination, Diagnosis, Treatment Planning

Instructor : Takashi Watanabe, Tsuneyasu Tatsuta

Clinicians must understand the biomechanics of dental implant before developing a treatment plan. What is the best width and length of an implant for my case? Where is the best site and direction of placement? How many implants do I need? These questions should be answered in terms of prosthetic driven judgment. This means that the decision should be dictated by functional and esthetic requirements of implant-prosthesis in mind. Another important aspect of treatment is to treat the mouth as one integrated unit, and the occlusal scheme must follow that of a natural dentition.

Second day of Session I begins with the review of occlusion of natural dentition, and is followed by the discussion of implant-specific biomechanics. Hands-on exercises include image interpretation, and fabrication of surgical stents that are essential for treatment planning.

◆ Program

- ① Implant prostheses and biomechanics
- ② Image reading
- ③ Diagnostic wax-up and surgical stent
- ④ Diagnosis and treatment planning



Takashi Watanabe
DDS

Director of Kotaki Dental Clinic, Clinical Professor, School of Dentistry, Meikai University, Former Chairman of Board of Directors and Mentor, Japan Academy of



Satoshi Yokose
DDS

Professor, Conservative Dentistry, Functional Preservation and Rehabilitation, School of Dentistry, Meikai University



Tsuneyasu Tatsuta
DDS

Associate Professor, Oral Maxillofacial Surgery, Pathophysiology, Diagnosis, Treatment, School of Dentistry, Meikai University



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Session II May 23, 2020 (Sat.) Stage I Implant Surgery①	Session II May 24, 2020 (Sun.) Stage I Implant Surgery②
<p>Instructor : Koji Sakiyama, Jun Shimada, Tsuneyasu Tatsuta</p> <p>In order to carry out safe and reliable implant surgery, it is mandatory for the clinician to have sound clinical knowledge of anatomy in the areas of osteology, angiology and myology. First day of Session II begins with the discussion on clinical anatomy necessary for implant surgery. This is followed by the description of the basic procedures of stage I implant surgery. Implant procedures are basically done in 2 stages. It is very important to meticulously adhere to the surgical protocols. Hands-on practices include incision, dissection, placement of an implant and suturing on a jaw model (This same jaw model will be used in the subsequent sessions for impression taking and fabrication of provisional restoration).</p>	<p>Instructor : Jun Shimada, Tsuneyasu Tatsuta</p> <p>Implant surgery means the introduction of a foreign material into the living bone. Procedure must be carried out under the environment of strict infection control that is quite different from the one required for a minor surgery such as tooth extraction. Success of surgery greatly depends on the control and management of the systemic condition of the patient. Second day of Session II is mainly devoted to the discussion on the management of the systemic complications of elderly patients, pre-operative work-up of the patient, and the explanation to the support staff immediately prior to surgery on the specific preparations needed for that patient. Possible complications during surgery and its management will also be discussed.</p> <p>Hands-on exercise includes placement of an implant into a pig jaw.</p>
<p>◆Program</p> <p>①Basic anatomy relative to implant surgery ②Basic procedure of Stage I surgery ③Incision, placement, suturing ④Placement of an implant (hands-on practice on jaw model)</p>	<p>◆Program</p> <p>①Pre-operative preparations ②Systemic evaluation ③Precautions and possible complications during surgery ④Implant placement (pig jaw)</p>
Session III June 20, 2020 (Sat.) Stage I Implant Surgery③	Session III June 21, 2020 (Sun.) Stage I Implant Surgery④
<p>Instructor : Jun Shimada, Tsuneyasu Tatsuta</p> <p>In this session, we will learn the work flow prior to surgery, starting from infection control measures such as pre-operative administration of antibiotics, and intraoral disinfection and to the draping of the patient. Draping technique will be emphasized because of the need for the staff training. It has to be properly learned and properly taught to the members of the staff. Presentations will also describe the techniques of anesthesia including local anesthesia, block anesthesia, and intravenous sedation as the means of psychological sedation. We will cover the topics of blood sampling, blood chemistry reading and vital sign monitoring (respiratory and cardiovascular signs) for systemic control. Relevant hands-on exercises are scheduled.</p>	<p>Instructor : Jun Shimada, Tsuneyasu Tatsuta</p> <p>Second day of this session is mainly spent for observation of live surgery. Participants have an opportunity to observe the patient from pre-operative preparation, actual surgery, to post-operative management with appropriate running comments. Implant placement is repeated on a pig jaw, reviewing and following the exact protocol of stage I implant surgery. This will complete a total of three hands-on exercises of implant placement.</p>
<p>◆Program</p> <p>①Preparation of operating room (clean area, non-clean area) ②Patient management (systemic and local) ③Gowning technique ④Blood sampling and blood chemistry reading (exercise) ⑤Anesthesia and vital sign monitoring</p>	<p>◆Program</p> <p>①Live surgery ②Implant placement (pig jaw)</p>
Session IV July 18, 2020 (Sat.) Stage II Implant Surgery ①	Session IV July 19, 2020 (Sun.) Stage II Implant Surgery ②
<p>Instructor : Jinichi Tatsumi, Tsuneyasu Tatsuta</p> <p>We will learn and practice stage II implant surgery in this session. Stage II procedure involves more than just creating a transmucosal access hole. Important aspect of stage II procedure is peri-implant soft tissue management. What is the difference between the periodontal tissue around a natural tooth and the mucosa surrounding an implant? Is keratinized tissue necessary around an implant? Following the presentation about mucosal tissue management around implant, surgical sequence of stage II will be described. Hands-on exercises follow.</p> <p>We will also discuss “peri-implantitis”, the greatest risk of implant therapy.</p>	<p>Instructor : Junichi Tatsumi, Tsuneyasu Tatsuta</p> <p>Among various types of soft tissue management in the stage II surgery, we will focus on apical displacement of gingival flap, free gingival graft, and subepithelial connective tissue graft. Sliding flap for stage II procedure to obtain keratinized tissue will also be presented and practiced on a pig jaw. Precautions during stage II procedure and possible complications will also be discussed.</p>
<p>◆Program</p> <p>①Stage II surgery and tissue management •Apical displacement of gingival flap •Free gingival graft •Subepithelial connective tissue graft ②Stage II surgery hands-on (pig jaw) ③Diagnosis and treatment of peri-implantitis</p>	<p>◆Program</p> <p>①Diagnosis and treatment of peri-implantitis ②Hands-on exercise (pig jaw) •Sliding flap for stage II implant surgery •Precautions and possible complications during stage II surgery ③Stage II surgery hands-on exercise (pig jaw) ④Precautions and possible complications during stage II surgery</p>



Jun Shimada
DDS
Professor, Oral Maxillofacial Surgery, Chair of Pathophysiology, Diagnosis, Treatment, School of Dentistry, Meikai University



Koji Sakiyama
DDS
Associate Professor, Anatomy, Chair of Developmental Study of Form and Function, School of Dentistry, Meikai University



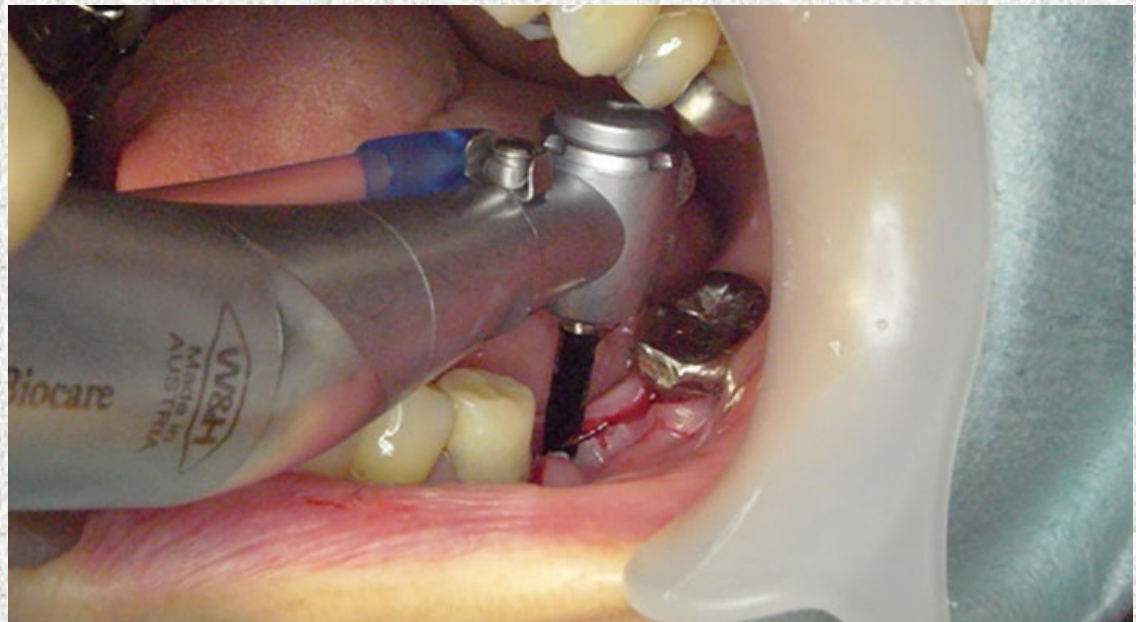
Junichi Tatsumi
DDS
Associate Professor, Periodontics, Chair of Oral Bio-regeneration Engineering, School of Dentistry, Meikai University



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Session V August 29, 2020 (Sat.) Implant-Prostheses	Session V August 30, 2020 (Sun.) Maintenance and Longevity
Instructor : Takashi Watanabe, Tsuneyasu Tatsuta	Instructor : Takashi Watanabe, Tsuneyasu Tatsuta
<p>First day of Session V is on the selection of abutment and its connection following the stage II surgery. Hands-on exercises include fabrication and adjustment of provisional restoration to be placed on the abutment. We will also practice precision impression taking for the fabrication of super structure.</p> <p>CBCT technology and sophisticated implant simulation software have provided the surgeon various surgical options including guided implant surgery. Modern implant treatment can now be carried out with a safe and sound diagnosis and surgical procedures. CT simulation surgery will be described and practiced.</p>	<p>The last day of this 10-day session will focus on "maintenance", "esthetic prostheses" and "longevity". Post treatment maintenance is very important not only for the implant itself but also for the preservation of oral health of the patient. Necessary maintenance programs for the implant case will be discussed taking the specific nature of super structures of implant into consideration. Implant therapy at the esthetic zone will be discussed with an emphasis on the biomechanics of implant. Dental implant is an excellent prosthetic option with good prognosis when one carefully follows a specific protocol outlined for implant surgery. "What do we have to do to maintain an implant in function for a long time?" Long term follow-up cases will be presented with pertinent data. Final session will close with the presentation of cases by the participants and instructors.</p>
◆Program	◆Program
<ul style="list-style-type: none"> ① Selection and connection of abutment ② Precise impression taking (close-open tray technique) ③ Provisional restoration ④ CT simulation ⑤ Test (including report) to evaluate the level of comprehension of the participants on the subjects presented 	<ul style="list-style-type: none"> ① Maintenance of an implant ② Esthetic prostheses with implant ③ Longevity of implant therapy ④ Case presentation





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Course No. 11200700 Implant Advanced Seminar (5 Days)

■ **Synopsis:** Implant surgery is a procedure preceding prosthetic dentistry. Implant must be placed into the most suitable site for subsequent prosthetic procedures with correct depth and direction. Some cases need the site development in preparation for implant placement. This course offers the lectures and exercises on the safe and most reliable procedures of the implant site development that will take the practice to the next level of excellence.

■ **Capacity :** 15

■ **Date :** 10 Days

■ **Location :** PDI Urayasu Dental Clinic, Meikai University
〒279-0014 1-1-20, Meikai, Urayasu, Chiba

◆セッション		Date	Hours
Session I (11200701)	Problems during implant placement -Trouble shooting during implant placement-	September 13, 2020 (Sun.)	10:00-17:00
Session II (11200702)	Patient with inadequate bone volume wants an implant - We will master the approach for successful implant therapy for those cases with inadequate bone volume-	October 11, 2020 (Sun.)	10:00-17:00
Session III (11200703)	How to manage peri-implantitis (live surgery) - We will learn the treatment procedures of peri-implantitis and how we can rescue the implant in question -	November 15, 2020 (Sun.)	10:00-17:00
Session IV (11200704)	Implant placement into a large sinus above the upper posterior region (live surgery) - We will practice a simple procedure of sinus lift -	December 6, 2020 (Sun.)	10:00-17:00
Session V (11200705)	Esthetic reconstruction with implant - We will master immediate implant placement and tissue management -	January 17, 2021 (Sun.)	10:00-17:00



Jun Shimada
DDS

Professor, Oral Maxillofacial Surgery, Chair of Pathophysiology, Diagnosis, Treatment, School of Dentistry, Meikai University

Implant Advanced Seminar

Course No. 11200701 Problems during implant placement - Trouble shooting during implant placement -

◆Date : September 13, 2020 (Sun.) 10:00-17:00

◆Synopsis

Unexpected problems can arise during implant placement. They include lack of primary stability, exposure of implant because of bone defect, shift of site and direction of implant, abnormal hemorrhage, airway obstruction, and nerve damage. How to avoid and resolve these problems will be discussed and practiced.

◆Program : Lecture

1. How to avoid the problems when an implant is to be placed close to the inferior alveolar nerve.
2. Safe implant placement procedure for the case of inferior alveolar nerve proximity
3. Troubles at the time of implant placement and how to avoid them

◆Program : Hands-on exercise

1. Preparation of surgical stent
2. Image reading with a surgical stent
3. Implant placement with surgical stent
4. Implant placement with a surgical guide
5. Implant placement with a stopper
6. Re-insertion of an implant of failed primary stability

Course No. 11200702 Patient wants an implant but presents inadequate bone volume -We will learn how to succeed implant therapy in a case of insufficient bone volume -

◆Date : October 11, 2020 (Sun.) 10:00-17:00

◆Synopsis

Insufficient alveolar bone volume hinders proper placement of an implant, affects prognosis of implant therapy, and causes postoperative esthetic problems. Variety of bone augmentation procedures have been developed to meet the challenge, but they are not always without a problem. We will discuss the principles of bone augmentation and practice the procedures leading to successful outcome.

◆Program : Lecture

1. Blood sampling
2. Centrifugal system and centrifugation
3. Preparation of CGF and application
4. Preparation of AFG and application
5. Preparation of GBR and application
6. Autogenous bone harvesting and alveolar ridge augmentation

◆Program : Hands-on exercise

1. Blood sampling (between the participants)
2. Centrifugation
3. Preparation of fibrin block
4. Bone augmentation with fibrin block
5. Alveolar ridge augmentation (pig jaw)



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Course No. 11200703 How to manage peri-implantitis (live surgery)

– Treatment of peri-implantitis and how to rescue a failing implant –

◆Date : November 15, 2020 (Sun.) 10:00-17:00

◆Synopsis	◆Program : Lecture	◆Program : Hands-on exercise
<p>Peri implantitis is a serious and urgent problem for those patients under a mid to long term observation. Strict maintenance program is mandatory to prevent peri implantitis from occurring. Once peri implantitis is initiated, the condition may progress to bone resorption and loss of implant. Our discussion covers the topics of management of early stage peri implantitis, detoxication of the implant surface with advanced stage of bone loss and bone regeneration. Relevant hands-on exercises are scheduled.</p>	<ol style="list-style-type: none"> 1. Cause of peri implantitis 2. Prevention of peri implantitis 3. Treatment of peri implantitis 4. Treatment of peri implantitis (live surgery) (Depending on the condition of the patient, live surgery may not be carried out.) 	<ol style="list-style-type: none"> 1. Detoxication to treat peri implantitis (pig jaw) 2. Surgical management of peri implantitis (pig jaw)

Course No. 11200704 Implant placement into a sinus above the upper posteriors
– Learn to perform a simple sinus lift procedure–

◆Date : December 6, 2020 (Sun.) 10:00-17:00

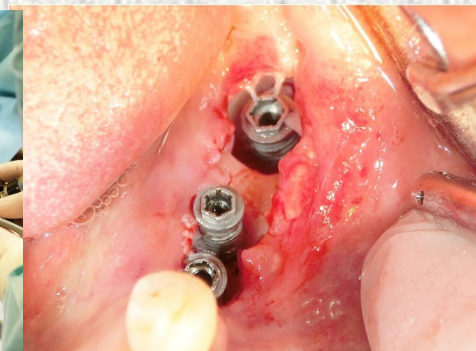
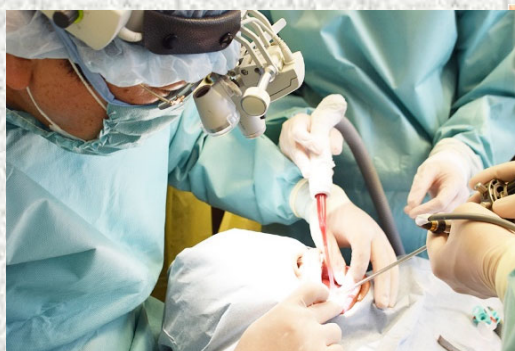
◆Synopsis	◆Program : Lecture	◆Program : Hands-on exercise
<p>Quite a few patients with missing upper posteriors require sinus lift procedure. Depending on the case, the procedure can be carried out by a crestal approach or lateral window approach. We will use a specific set of instruments that is easiest to lift and least damaging to the sinus membrane. Following lecture and live surgery, participants will practice the procedure on a pig jaw.</p>	<ol style="list-style-type: none"> 1. Merits and demerits of socket lift procedure 2. Merits and demerits of lateral window approach 3. Surgical techniques and precautions of sinus lift procedure 4. Sinus lift (live surgery) (Presentation of endoscopic imaging is scheduled.) 	<ol style="list-style-type: none"> 1. Sinus lift procedure on a jaw model and pig jaw

Course No. 11200705 Esthetic Restoration with Implant

– We will master immediate placement and soft tissue management –

◆Date : January 17, 2021 (Sun.) 10:00-17:00

◆Synopsis	◆Program : Lecture	◆Program : Hands-on exercise
<p>The best esthetic implant therapy is the immediate placement and loading. This inhibits bone resorption, and prevents soft tissue recession. Many cases, however, present insufficient amount of soft tissue and they require esthetic reconstruction of soft tissue architecture. We will discuss and practice immediate placement of an implant together with keratinized tissue graft and connective tissue graft.</p>	<ol style="list-style-type: none"> 1. Indications and contraindications of immediate placement 2. Precautions and surgical procedure of immediate placement 3. Soft tissue management for successful esthetic restoration with implant 	<ol style="list-style-type: none"> 1. Fabrication of provisional restoration for immediate placement and loading on a jaw model 2. Ridge augmentation (pig jaw) 3. Keratinized tissue graft (pig jaw) 4. Connective tissue graft (pig jaw)





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Course No. 11200801 Management of multiple tooth defects in esthetic zone
– Live surgery and hands-on exercise : 2 Day Course –

Management of multiple tooth defects in esthetic zone

◆Date : October 24, 2020 (Sat.) 10:00-17:00 October 25, 2020 (Sun.) 9:00-16:00

◆Synopsis	◆Program
<p>When a dental implants are to be placed into the esthetic zone with multiple tooth defects, treatment planning must consider various aspects of the entire course of treatment. They include number of implants, their alignment, selection of surgical procedure (immediate placement, delayed placement, split ridge augmentation), selection of provisional restoration during healing period to promote osteointegration (temporary denture, immediate restoration), selection of the materials for final restoration and the connection system of the super structure following the osteointegration taking the state of opposing teeth into consideration, and the final occlusal scheme. This will ensure a shorter treatment time with safe and less invasive procedures. End result of implant-prosthetic therapy will be more predictable. We will be presenting a live surgery of the case of multiple tooth defects at the esthetic zone. Treatment planning and implant placement will be practiced on a model of multiple tooth defects.</p>	<ol style="list-style-type: none"> 1. How to approach implant therapy and selection of implant (lecture) 2. Immediate implant placement into the esthetic zone (demonstration and hands-on exercise) 3. Root membrane technique (demonstration and hands-on exercise) 4. Importance of implant-prosthetic design at the esthetic zone (lecture) 5. Fabrication of immediate provisional restoration (demonstration and hands-on exercise) 6. Implant surgery at the esthetic zone (live surgery) 7. Principles and treatment planning of immediate placement following the multiple tooth extraction (lecture and hands-on exercise) 8. Immediate placement and loading following the multiple tooth extraction (lecture and hands-on exercise)



Yoshiharu Hayashi
DDS
Director of Yu-Bldg. Dental Clinic, Director of Shuhi-kai (incorporated medical institution), Mentor (Japan Academy of Clinical Dentistry), ICOI

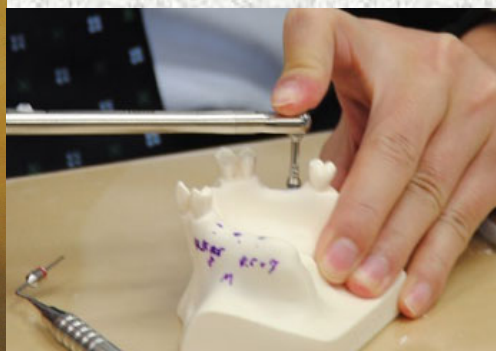
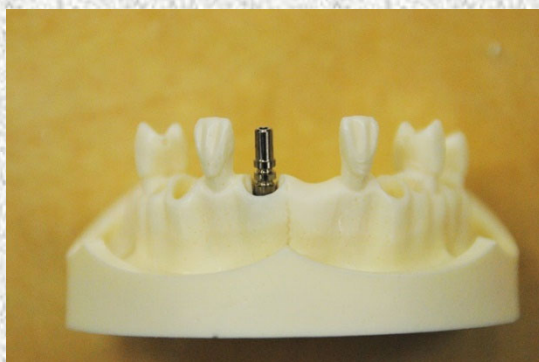
■Capacity : 15

■Date : 2 Days October 24, 2020 (Sat.) 10:00-17:00
October 25, 2020 (Sun.) 9:00-16:00

■Location

October 24 (Sat.) Meikai /Asahi Satellite Campus
〒160-0023 Asahi Shinjuku Bldg. F9
1-13-8, Nishi Shinjuku, Shinjuku, Tokyo

October 25 (Sun.) Meikai PDI Tokyo Dental Clinic
〒151-0053 Miyata Bldg. F1-2
1-38-5, Yoyogi, Shibuya, Tokyo





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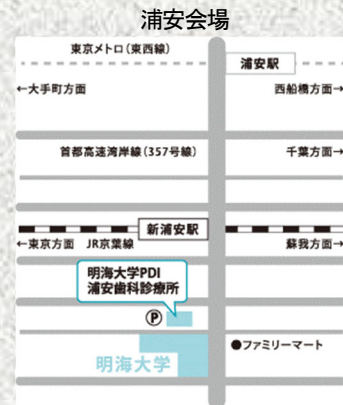
ICOI Fellowship Certification Program

¥ 985,000

Payment can be made in installment of ¥29,400 per months for 36 months.
Please be advised of no-refund policy after the payment is made.



■会場案内図



■MEETING PLACE

Meikai University・Asahi University Continuing Education Center

■Attendance application form

Name	English (Capital letter)					Course No.	11200501 11200700 11200801
	Chinese character					Graduate	Graduation year
Clinic name					Mobile Phone	010-886-	FAX 010-886-
Clinic address					E-mail		
Home address					Mobile Phone	010-886-	FAX 010-886-
					E-mail		
<input checked="" type="checkbox"/> Preferred method of contact		<input type="checkbox"/> E-mail <input type="checkbox"/> Work <input type="checkbox"/> Mobile					
<input checked="" type="checkbox"/> Attendance application form (Please be sure to fill in a mail address.)							

■The Name of Bank Mizuho Bank Ltd., Kawagoe Branch 2-1-8
Shintomicho, Kawagoe-shi, Saitama, 350-0043, Japan
Account No. : 1936843



Continuing Dental Education
I-I Keyakidai Sakado
Saitama Japan



Meikai University & Asahi University School of Dentistry
<http://www.m-a-univ-ce.com>