Continuing Dental Education with the Vancouver MaxiCourse®

Our Mission
The Mission of the AAID Vancouver MaxiCourse is to foster excellence in clinicians, to skillfully provide oral implantology services in a safe and effective manner. A framework for life-long learning will be developed through a comprehensive foundation built on the understanding of the history, fundamental sciences, and current standard of care in oral implantology.

Program Overview
The Vancouver AAID MaxiCourse® is a structured program consisting of 30 days of education over ten months. The program runs from September 2014 to June 2015. Each session runs from Friday to Sunday.

It consists of a systematic buildup of knowledge through the use of didactic material, laboratory exercises, surgical demonstrations, clinical participation and surgeries on your own patients. All surgeries will be mentored and supervised by AAID credentialed faculty members. There are 14 days of clinical experience.

Each participant will be eligible to challenge the written component of the AAID Associate Fellowship exam at the end of the program. This is optional and a personal choice.

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Faculty & Staff of the AAID Vancouver MaxiCourse:
Dr. Tony Wong - Surgical Mentor
Dr. Gabor Balogh - Surgical Mentor
Dr. William Liang - Director
Dr. Peter Balogh - Surgical Mentor
Andrew Gillies - Program Coordinator
Varinder Brar - Surgical Assistant
Kyla Dingwall - Surgical Assistant

Program Calendar

September 26 - 28, 2014
Introduction to Oral Implantology & Pharmacology for Implant Dentistry
Dr. William Liang, Director of the AAID Vancouver MaxiCourse, Dr. James Ruikowski

February 13 - 15, 2015
Second Stage Surgery & Implant Provisionalization
Dr. Jaime Lozada, Director of Graduate Programs & LLU MaxiCourse at Loma Linda University

October 17 - 19, 2014
Diagnostic Imaging & The ABC’s of Dental Implants
Dr. David Gane, Vice President Dental Imaging at Carestream Dental, Dr. William Liang

March 20 - 22, 2015
Treatment Strategies for the Mandible & Maxilla, Custom Endosteal Implants
Dr. William Nordquist, Implantologist and Oral Biologist

November 14 - 16, 2014
Bone Physiology, Pathology & Biomechanics
Dr. Charles Shuler, Dean of UBC Dentistry

April 10 - 12, 2015
Root Form Fixed & Removal Prosthetic Implant treatment strategies
Dr. William Liang

December 12 - 14, 2014
Surgical Anatomy for the Oral Implantologist
Dr. Mohamed Sharawy, Georgia Health Sciences University

May 1 - 3, 2015
Implant Maintenance & Soft Tissue Management
Dr. Nicholas Caplanis, Loma Linda University Associate Professor and President of the AAID

January 16 - 18, 2015
Principles of Bone Manipulation & the Fully Edentulous Patient
Dr. Hilt Tatum, Tatum Surgical

June 12 - 13, 2014 in Chicago, IL
Guided Surgeries & Review of Prosthetics
Dr. William Liang
**Background:**

**American Academy of Implant Dentistry**

Founded in 1951, the Academy is the first professional organization in the world dedicated to implant dentistry. Its membership includes general dentists, oral and maxillofacial surgeons, periodontists, prosthodontists and others interested in the field of implant dentistry. As a membership organization, the AAID currently represents over 4,500 dentists worldwide.

The Academy’s mission is simple: To advance the science and practice of implant dentistry through education, research support and to serve as the credentialing standard for implant dentistry for the benefit of mankind.

Through educational offerings and credentialing program, the AAID provides valuable expertise in the field of oral implantology—expertise that ultimately benefits the patients that dentists serve.

Having entered the 21st century, there has never been a more exciting time in implant dentistry. The advances in technology and techniques that have occurred, and those we are currently exploring, are making implant dentistry more sophisticated and successful, bringing it to the forefront of the dental field.

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**Session One: Part 1 - Introduction to Oral Implantology; Part 2 - Medical Diagnosis, Review of Pharmacology & Co-Morbidities, Dental Anesthesia**

Presented by: Dr. William Liang, Dr. James Rutkowski

**Session Outline, Part 1**

Oral Implantology is a relatively new discipline in dentistry. It demands a multidisciplinary skill set from the clinician. In this session, we will define the scope of Oral Implantology and introduce participants to the nomenclature commonly used in the classification of edentulous sites. A systematic approach to quantifying as well as qualifying edentulous sites will set the stage for proper case selection, documentation, and presentation to fulfill the requirements of the AAID Vancouver Maxicourse. Proper documentation and informed consent will be emphasized.

Part two of this day comprises a variety of topics: the surgical operatory set up, asceptic protocol, introduction to the surgical instrumentation , and implant placement protocols. Participants will receive an overview of dental implants, bone grafting material, and simple grafting techniques.

**Session Objectives, Part 1**

Following this session, participants will:

- Understand the requirements of the AAID Vancouver Maxicourse
- Understand the documentation requirements and presentation requirements of clinical cases.
- Know the Nomenclature for classifying edentulous sites.
- Know the Divisions of Available bone and Bone Quality Scale.
- Be familiar with the components of a root form dental implant
- Be aware of other forms of dental implants.
- Understand the concept of Asceptic protocol.
- Be aware of the various types of gone grafting material.
- Know the protocol for a socket preservation graft.
- Understand how to operate the surgical motor and handpieces.

**Session Outline, Part 2**

Topics to be covered include: (i) effective use of analgesics, antibiotics and steroids to improve treatment outcomes; (ii) how the top 25 prescribed drugs used in medicine impact dental treatment; (iii) how to treat the patient who is taking anti-coagulants, anti-thrombotics, or anti-platelet agents; (iv) current research information regarding monoclonal antibody- and bisphosphonate-induced osteonecrosis of the jaw (BONJ); (v) clinically significant drug interactions related to the use of epinephrine by the dentist will be reviewed; and (vi) a review of oral sedation agents and their proper use.
Session One: Part 2 - Medical Diagnosis, Review of Pharmacology & Co-Morbidities, Dental Anesthesia

Presented by: Dr. James Rutkowski

This informative and interactive presentation, designed for Implant Dentists, will update participants on the pharmacological complexities that impact daily practice.

Session Objectives, Part 2
Following this session, participants will be:

- Render dental treatment that is safe, effective and pharmacologically integrated.
- Understand the importance of various pharmacological treatments to improve the outcome of dental and oral surgical treatment.
- Understand important drug interactions that can occur in the dental office.
- Utilize medical and drug resources in the dental office more effectively.
- Understand the pathophysiology of BONJ and when to recommend bisphosphonate use or discontinuation.
- Understand the most recent “evidence-based” methodology for preventing and treating BONJ.
- Understand logical treatment protocols for the proper use of antibiotics, analgesics, and glucocorticosteroids.
- Understand how to treat patients who present with Diabetes Type I and II.
- Understand how to treat patients who are taking anti-coagulants, anti-thrombotics, and anti-platelet agents.

About the Presenter:
Dr. James Rutkowski, BSc, DMD, PhD, Pharmacology
James L. Rutkowski D.M.D., PhD is a Pharmacist, Dentist, and has a PhD. in Pharmacology. He has authored multiple publications in peer-reviewed journals and textbook chapters. Jim is also President/CEO of the Clarion Research Group (CRG) in Clarion, PA. CRG performs translational research for bone growth and salivary diagnostics. Additionally, he is Editor-in-Chief of the Journal of Oral Implantology and a Diplomate/Past-President of the American Board of Oral Implantology/Implant Dentistry (ABOI/ID). He lectures nationally and internationally on pharmacology, sedation techniques, and bone grafting as it applies to the dental practice.

Dr. Rutkowski maintains a general dental practice in Clarion, Pennsylvania with a concentration on apprehensive/medically-compromised patients. He utilizes oral, IM, IV, and sedation techniques in the dental office.

Session Two: Diagnostic Imaging & The ABC’s of Dental Implants

Presented by: Dr. David Gane, Dr. William Liang

Session Outline

Morning Session:
Diagnostic imaging is integral to record keeping as well as effective treatment planning in Oral Implantology. Misinterpretation of this data may lead to poor results, improper diagnosis, and inappropriate treatment planning. Ignorance of existing pathology may result in negligence and harm to the patient. Given the importance of this topic within implant dentistry, we bring in an expert in the field to spend the morning with you, reviewing key concepts and how to integrate the skills sets into your practice and into your preparations for treatment planning.

Afternoon Session:
Various clinical scenarios require an extensive familiarity with the different site preparations, ranging from hard and soft tissue reconstruction to the proper application of diverse implant designs; it also requires an understanding of proper sequencing of the surgical and restorative phases of treatment. This weekend focuses on an exploration of the various components of the implant structure. We will learn about the evolution of root form implant designs, with the most basic designs in the 1930’s leading up to today’s technological advances.

With a thorough understanding of the implant’s components, biomaterials, and design characteristics, we are able to prescribe the proper usage of various implants to specific case applications. We will explore the current principles of platform designs as it pertains to long-term crestal bone maintenance and soft tissue stability. There will also be an introduction to bone metabolism and wound healing, which forms the basis for bone grafting principles and techniques. Students will also be introduced to the importance of perioplastic techniques in creating long-term, stable aesthetic results.
Session Objectives
Following this session, participants will:

- Understand the value and limitations of various imaging techniques
- Be able to use the radiographic imaging appropriately to practice oral implantology in a safe and effective manner
- Be able to distinguish normal from abnormal radiographic appearances and develop a differential diagnosis of the radiographic findings
- Be able to assess the potential risks and complications to surgical procedures in variances to the average radiographic appearance
- Be able to use diagnostic adjuncts to clinically evaluate and overcome shortcomings in various imaging techniques
- Understand the concept of osseointegration and soft tissue healing
- Be able to critically evaluate the various components and features of different root form designs
- Be able to rationalize their choice of dental implants based on their understanding of the biomechanical, physiological, and microbiological factors affecting the process of osseointegration

About the Presenters:
Dr. David Gane
David Gane DDS, BSc (Hons), is a graduate of the University of Western Ontario with an honors degree in physiology and pharmacology and a doctorate degree in dental surgery. Dr. Gane has authored imaging software applications, scholarly articles, and technique videos on digital radiography and has lectured internationally on digital imaging topics including programs at Tufts University, Temple University, the Goldman Dental School at Boston University, Nova Southeastern University and the Medical College of Georgia. Dr. Gane currently serves as Vice President of Digital Imaging for PracticeWorks LLC, the exclusive maker of Kodak Dental Systems, and is founder and Chairman for Orbit Imaging Inc.
November 14 - 16, 2014

Session Three: Bone Physiology, Pathology & Biomechanics

Presented by: Dr. Charles Shuler

About the Presenter:
Dr. Charles Shuler, DMD, PhD
Charles Shuler is Dean & Professor of the UBC Faculty of Dentistry. His B.Sc. is from the University of Wisconsin, D.M.D. from Harvard School of Dental Medicine, and Ph.D. from the University of Chicago Oral Pathology and from the University of Minnesota and Royal Dental College Copenhagen. His current research interests include craniofacial development, oral carcinogenesis, oral medicine and gene therapy.

December 12 - 14, 2014

Session Four: Surgical Anatomy for the Oral Implantologist

Presented by: Dr. Mohamed Sharawy

Session Outline
Dental implant procedures require that the surgeon work in parts of the jaw that are outside the scope of everyday dentistry. Implantology often involves working in vital structures and surgical spaces that must be recognized and understood before working in these areas. Violation of these structures may create serious immediate or long-term consequences to the patient.

This program provides a systematic review of the anatomical structures, and participants will learn how to apply that knowledge in the surgical setting. The program is developed with a combination of modular lectures and cadaver dissection in the surgical anatomy lab to reinforce the learning. By the completion of this session, dentists can approach their surgery with confidence in knowing how to provide treatment in a safe manner.

The distinguishing feature of this program is the emphasis and reinforcement of practical application of surgical anatomy.

Session Objectives
Following this session, participants will:

- Be able to identify surgical spaces and vital structures, and the clinical significance of both
- Be able to identify these structures in the Anatomy Lab and aware of the clinical consequences of intruding into these structures
- More confidently be able to apply various local anesthetic techniques
- Be familiar with bone, anatomy, physiology, and local growth factors
- Be introduced to evidence-based management of atrophied jaw bones
- Understand the spread of infection, emergency treatment of complications, and emergencies in the dental office
- Be knowledgeable of the surgical anatomy of the submandibular region of interest to implantologists
- Be familiar with the surgical anatomy of the mandible and maxilla as organs
December 12 - 14, 2014
Session Four: Surgical Anatomy for the Oral Implantologist

Presented by: Dr. Mohamed Sharawy

About the Presenter:
Dr. Mohamed Sharawy, B.D.S., Ph.D.
Dr. Mohamed Sharawy received his bachelor of Dental Surgery with Honor (B.D.S.) in 1962 and oral surgery training in 1965 from Cairo University, School of Dentistry, Cairo, Egypt. He received his Ph.D. degree in Anatomical Sciences from the School of Medicine and Dentistry, University of Rochester, Rochester, N.Y. in 1970. He is currently Professor and Director of Anatomy in the Department of Oral Biology and Professor of Oral and Maxillofacial Surgery, Department of Oral and Maxillofacial Surgery at the Georgia Health Sciences University, Augusta, Georgia. Dr. Sharawy is Professor of Anatomy at the MCG School of Medicine and School of Graduate Studies. Dr. Sharawy is co-editor and contributor to Orban’s textbook of Oral Histology, author of the Companion of Applied Anatomy and contributor to several symposia and books of oral implantology and TMJ. He has published over one hundred and eighty research papers and made numerous presentations at national and international meetings.

January 16 - 18, 2015
Session Five: Principles of Bone Manipulation & the Fully Edentulous Patient

Presented by: Dr. Hilt Tatum

Session Outline
Many of the concepts of contemporary implant dentistry were developed long ago by our speaker, Dr. Hilt Tatum. In this session, we will examine the concept of Natural Implant Restoration in Stable Alveolar Bone [NIRISAB]. Issues such as establishing and maintaining long-term bone stability around dental implants, the effects of the micro-gap implant connection, and the principles of dental alveolar reconstruction have been thoughtfully developed throughout Dr. Tatum’s career and through many years of clinical experience.

In addition to the above, we will also thoroughly explore the concept of sinus augmentation, as pioneered by Dr. Tatum, and its continued superiority in its application to contemporary implant dentistry.

Participants will have a thorough exposure to the surgical protocol and aseptic guidelines for achieving a high level of success in these reconstructive procedures.

The ability to implement these skill sets into your dental implant practice is key to your success as an oral implantologist.

Session Objectives
Following this session, participants will:
• Understand the importance of prosthetic planning and direction for implant treatment
• Understand the importance of and a practical way to introduce an operating room level of surgical asepsis into your dental operatory
• Be able to understand the pattern of alveolar changes after tooth loss and the need for bone and gingival enhancements
• Be able to understand how bone expansion/ manipulation is possible and doable
• Be able to identify the role of bone repair and techniques to achieve optimum results with bone augmentations
• Be able to identify clinical boundaries and landmarks to the maxillary sinus and be able to outline the protocol for a lateral access sub-antral augmentation and be familiar with surgical and post-surgical management of the procedure
Session Objectives continued

Following this session, participants will:

- Be able to understand the benefits of remote incisions for bone augmentations
- Know how to utilize multiple techniques for onlay bone augmentations
- Be able to understand how to establish stable gingiva around implants at time of implant placements
- Be able to understand the benefits of trans-mucosal implant placements
- Be able to understand the current safe techniques of nerve repositioning

By combining the knowledge developed from the last two sessions, participants should be able to understand the clinical implications of possibilities as well as limitations of bone reconstruction.

About the Presenter:

Dr. Hilt Tatum

Dr. Tatum has more than 38 years of clinical and academic experience in Oral Implantology. He has led the development of contemporary dental implantology by originating and popularising procedures such as bone expansion (1970), autogenous bone grafting (1971), sinus lift (1974) and sinus graft (1975). He has pioneered predictable techniques for bone enhancement by a combination of bone expansion and closed interpositional segmental osteotomies thereby avoiding unpredictable onlay bone grafting techniques. His innovative approach avoids unnecessary complications related to bone grafting procedures and associated costs. He designed the first titanium root form system in the world to be given FDA marketing approval. In 2004, Dr. Tatum was awarded the insignia of Chevalier of the Legion of Honour by Jacques Chirac, President of France, for his services to dentistry. Dr. Tatum’s involvement with the AAID and the Maxi Courses is well known and needs no further introduction.

Session Outline

At this stage, participants should realize the complexities of oral implantology. Current expectations and standards of care are increasingly demanding, and oral implantologists are required to be more attentive to the relationship of soft and hard tissue around dental implants. Implant placement is clearly more complicated than simply titanium and bone interaction. Keys to sustainable aesthetic results will be examined.

We will look at issues such as edentulous site reconstruction, extraction site preservation, and immediate implant placement.

Our success in oral implantology comes is based on an understanding of the science that informs our decision-making algorithms. We endeavour to provide research updates to the ever-evolving art of implant dentistry.

The process of taking a dental implant from simple titanium root form to the appearance and function of a replacement tooth is the highlight of this session. Our focus up until this month have been site reconstruction and implant placement, and now we explore the process of bringing that implant into function and creating an emergence profile for that tooth for aesthetics and functionality.

In this session, we will study the many years of clinical and academic research that Dr. Jaime Lozada, professor and director of the Loma Linda University oral implantology programs, brings to our program.
February 20 - 22, 2015

**Session Six: Second Stage Surgery & Implant Provisionalization**

Presented by: Dr. Jaime Lozada

**Session Objectives**

Following this session, participants will:

- Understand how and when to load a dental implant
- Be familiar with criteria for evaluating soft tissue adequacy around an implant
- Recognize developments or preservation of the implant/tooth emergence profile
- Understand the current science supporting immediate implant placement
- Understand the contraindications to immediate implant placement
- Learn basic periplastic techniques to enhance outcomes
- Be familiar with key research articles in the field of oral implantology

**About the Presenter:**

Dr. Jaime Lozada, D.D.S., FAAID, DABOI, DICOI
Member, American College of Prosthodontists. Member, Academy of Osseointegration
Professor Lozada is the Director for Advanced Education in Implant Dentistry, Department of Restorative Dentistry, Loma Linda University. He is also the director of the LLU AAID MaxiCourse. Dr. Lozada has numerous journal publications to his credit and is known as an international authority in the field of Oral Implantology. His past appointments include his service as President of the American Academy of Implant Dentistry, Editorial member of the Journal of Oral Implantology and Revista Actualidad Implantologica, Spain as well as Scientific/Clinician Advisory role with Sterioss/Nobel Biocare.

March 13 - 15, 2015

**Session Seven: Part 1 - Oral Microbiology & Its Role in Implant Success; Part 2 - Treatment Strategies for the Mandible & Maxilla, Custom Endosteal Implants**

Presented by: Dr. William Nordquist

**Session Outline**

Part 1:
Dr. William Nordquist is a renowned clinical researcher and pioneer on the role of oral microbiology and implant complications in oral implantology. This session will explore the significance of the oral microbial environment and its effects on osseointegration. Dr. Nordquist will also highlight evidence of the suggested relationship between oral diseases and other dominant health issues. The understanding of the aetiology of implant failures and complications sets the stage for the development of proper hygiene and maintenance protocols.

Part 2:
This section of the program begins with the introduction of implant-supported removable prostheses, RP4 and RP5. Custom endosteal implants will be introduced and distinguished from subperiosteal implants.

**Session Objectives**

Following this session, participants will:

- Know the various recommended oral hygiene protocols as they pertain to dental implants
- Know how to deal with specific implant complications
- Be familiar with the relationship between periodontal infection and peri-implant infection
- Know the difference between a custom endosteal implant and a subperiosteal implant
- Know the different types of CEI and SUB
- Know the components of CEI and SUB
- Be familiar with the surgical and restorative phases of this treatment modality
- Be aware of other types of implants: ramus frames, mandibular staples, blades and plate forms, endodontic implants, and mucosal inserts
March 13 - 15, 2015

Session Seven: Part 1 - Oral Microbiology & Its Role in Implant Success; Part 2 - Treatment Strategies for the Mandible & Maxilla, Custom Endosteal Implants

Presented by: Dr. William Nordquist

About the Presenter:
Dr. William D. Nordquist, BS, DMD, MS GPR, DABOI, HFAAID, FMI
Dr. William D. Nordquist brings a degree of training and experience to the field of restorative dentistry that is impressive and reassuring. Not only has he placed thousands of dental implants and prosthetics over his 22-year professional career, he has taken the time and made the effort to attain high status in the most prestigious dental organizations. He has earned fellow status in the world-renowned American Academy of Implant Dentistry. He is certified by the American Board of Oral Implantologists. This is the only board in America certifying dentists in all aspects of tooth replacement. Over the past 30 years Dr. Nordquist has provided thousands of dental implants for patients in San Diego, across the United States and many foreign countries including Hungary, Sweden, Yugoslavia, Holland, China, Austria, Switzerland, Poland, Mexico, Canada, and Japan.

Dr. Nordquist owns his own commercial dental laboratory and implant manufacturing facility. Over the years he has developed specialized implant procedures that he now teaches to implant dentists and oral surgeons. Dr. Nordquist controls almost every aspect of the implant treatment including implant manufacturing, laboratory fabrication, and dental artistry needed to provide what he feels is the most sophisticated implant treatment available today.

April 10 - 12, 2015

Session Eight: Root Form Fixed & Removal Prosthetic Implant treatment strategies

Presented by: Dr. William Liang

Session Outline
By now, we should have developed the ability to diagnose and classify various types of edentulous arches and be familiar with the various soft and hard tissue reconstructive requirements for fixed or removable prostheses.

For the more advanced surgeons, this session will incorporate most of the skill sets and principles developed throughout the Vancouver MaxiCourse. Functional biomechanics, implant site conditions, and aesthetic and clinical outcome requirements will dictate the implant position strategies.

Once again, decision-making algorithms will be reviewed in terms of matching patient expectations to the realities of site preparation requirements and positions and numbers of implants. We will use several case studies to demonstrate the entire process of diagnosis, treatment planning, and execution of the treatment stages.

Session Objectives
Following this session, participants will:
- Review available hard and soft tissue implant site preparation techniques
- Understand the difference in implant support requirements between removable and fixed prostheses
- Be familiar with the various removable prosthetic treatment approaches and their key differences
- Be familiar with the various fixed prosthetic treatment approaches and their key differences
- Be knowledgeable of realistic timelines and costs of various stages of treatments with implant surgery cases
April 10 - 12, 2015
Session Eight: Root Form Fixed & Removal Prosthetic
Implant treatment strategies

Presented by: Dr. William Liang

About the Presenter:
Dr. William Liang, B.Sc, DMD, DABOI, DICOI, FAAID, FACD, FADI
Dr. William Liang attended the University of British Columbia and received his Bachelor’s degree in Microbiology in 1981 and his Doctor of Dental Medicine Degree in 1983. At graduation, he was awarded the Canadian Oral and Maxillo-Facial Prize for highest standing in the area of Oral Surgery. He has been practicing dentistry in Surrey, BC for the past 30 years. Currently his practice is focused on adult restorative and implant dentistry. He is on the executive of the AAID Western District. Dr. Liang is Board Certified by the American Board of Oral Implantology/Implant Dentistry, Fellow of the Academy of General Dentistry, Fellow and Diplomate of the International Congress of Oral Implantology, Fellow of the Misch Implant Institute and Fellow of the American Academy of Implant Dentistry.

May 1 - 3, 2015
Session Nine: Implant Maintenance & Soft Tissue
Management

Presented by: Dr. Nicholas Caplanis

Session Outline
This full day presentation will cover a number of different but interrelated concepts in dental implantology. In the morning session, the basic principles of hard and soft tissue grafting will be presented, which will include the use of various graft materials as well as membranes with a discussion on their biologic activity and biologic “potential”. These basic principles will then be used in the management of simple extraction defects as well as more complex defects, and provide a framework for a decision-making process: when to place implants immediately into extraction sites, or when to delay implant placement.

Various patient situations will be presented, demonstrating these basic principles and illustrating when to use what materials and techniques for each specific situation. Following the presentation on hard and soft tissue grafting techniques, viable alternative treatment options to grafting will also be presented and validated through scientific literature. These alternatives include the use of short implants, angled implants to avoid bone deficiencies, cantilever prostheses, and the application of a shortened dental arch.

In the afternoon session, peri-implant histology will be presented and contrasted to periodontal histology. The attachment apparatus will be compared between tooth and implant, and in order to provide a foundation for understanding various aspects of implantology including the following: basic wound healing, osseointegration, periodontal and peri-implant regeneration, and implant maintenance.

A working knowledge of peri-implant histology also forms the foundation for analyzing and critiquing new concepts and materials that develop in the field, such as platform switching or scalloped implant designs. Finally, the most common complications in implant dentistry will be presented along with management and prevention.
May 1 - 3, 2015
Session Nine: Implant Maintenance & Soft Tissue Management

Presented by: Dr. Nicholas Caplanis

Session Objectives
Following this session, participants will:

- Understand the differences between osteogenic, osteoinductive, and osteoconductive bone graft materials and when to apply which for specific defects
- Develop an understanding of the biologic rational for using membranes and when they are required
- Appreciate when an implant can predictably be placed immediately into a fresh extraction socket and when it would be better to perform a site preservation procedure instead
- Become familiar with how a connective tissue graft is harvested and applied
- Gain knowledge on the Extraction Defect Sounding Classification System
- Recognize scientifically sound alternative treatments when patients cannot have, or cannot afford hard and/or soft tissue grafting
- Understand the basic anatomy and histology of the periodontal and peri-implant environment
- Be exposed to the most common biologic complications associated with dental implants and become familiar with the techniques to resolve as well as avoid problems.

About the Presenter:
Dr. Nicholas Caplanis
Dr. Caplanis is an Assistant Professor and part-time faculty within the Graduate Program in Implant Dentistry, at Loma Linda University School of Dentistry. He completed a three year Residency in Implant Dentistry in 1995, received his Masters of Science Degree in Oral Implantology in 1996 and earned a specialty Certificate in Periodontics in 1997. Dr. Caplanis has an extremely unique background with formal residency training in the inter-related fields of Implant surgery, Prosthodontics and Periodontics. Dr. Caplanis is Board Certified and a Diplomate of the American Board of Periodontology and American Board of Oral Implantology. He is the current President, and an honored Fellow of the American Academy of Implant Dentistry and a Fellow of the American College of Dentists. He is well published and has lectured nationally as well as internationally, and maintains a full-time private practice limited to Periodontics and dental implant surgery, in Mission Viejo, California.

June 12 - 13, 2015
Session Ten: Guided Surgeries

Presented by: Dr. William Liang

Session Outline
Treatment of the completely edentulous arch is often challenged by various factors such as pre-implant site preparation involving soft and hard tissue reconstructions, loss of landmarks for precise implant positioning, and loss of reference for optimal esthetic outcomes.

For this final session, we will employ all the modalities presented in this course to demonstrate how to construct a full arch fixed prosthetic solution with the aid of design software and cone beam technology.

Video demonstration of the clinical procedure as well as calibrating exercises will be used to enhance the learning experience.

The final prosthetic outcome will be reviewed.

Session Objectives
Following this session, participants will:

- Learn to operate software and take part in the design process.
- Develop clinical proficiency in using the Nobel Clinician and Dentsply guided surgery software
- Be able to design a surgical guide following the required clinical guidelines
June 12 - 13, 2015
Session Ten: Guided Surgeries

Presented by: Dr. William Liang

About the Presenters:
Dr. William Liang, B.Sc, DMD, DABOI, DICOI, FAAID, FACD, FADI
Dr. William Liang attended the University of British Columbia and received his Bachelor’s degree in Microbiology in 1981 and his Doctor of Dental Medicine Degree in 1983. At graduation, he was awarded the Canadian Oral and Maxillo-Facial Prize for highest standing in the area of Oral Surgery. He has been practicing dentistry in Surrey, BC for the past 30 years. Currently his practice is focused on adult restorative and implant dentistry. He is on the executive of the AAID Western District. Dr. Liang is Board Certified by the American Board of Oral Implantology/Implant Dentistry, Fellow of the Academy of General Dentistry, Fellow and Diplomate of the International Congress of Oral Implantology, Fellow of the Misch Implant Institute and Fellow of the American Academy of Implant Dentistry.

Clinical Sessions

Each three-day session from October through May includes a weekend clinical component. Participants are given the opportunity to bring their own patients for Saturday and Sunday to perform surgery, with personal mentorship from one of four board-certified and fully credentialed AAID Fellow dentists.

Many clinical sessions include a demonstration surgery that examines the didactic material of focus for that session. Demonstration surgeries may include the following procedures:

- Tooth extraction
- Socket preservation
- Bone grafting
- Tunnel grafting
- Sinus lift
- Ridge expansion
- Second Stage surgery
- Guided surgery
- Bar overdenture
- Fully edentulous arch

There is a flat fee of $350 for each surgery performed by participants. Surgical sundries are provided and invoiced on a per-use basis.

Each participant is given a complimentary first implant and abutment from each of our implant company sponsors.

AAID Membership

Tuition for the AAID Vancouver MaxiCourse® includes your first year’s membership in the AAID.

AAID members are provided with the AAID Journal of Oral Implantology as well as access to over 200 periodicals and other publications in the oral health field through an online database, Dentistry and Oral Sciences Source™ by EBSCOHOST, access that is usually only available at dental school libraries.
Registration

Registration is now being accepted for Fall 2014.

By June 1, 2014 – Non-refundable deposit $5000.00 CAN including Special Offer: $500 discount

After June 1, 2014 – Full Tuition

Full Tuition $23,000.00* CAN plus tax
Approximately $500 for Texts & Materials

North American and Internationally Licensed Dentists are able to apply for temporary permits and malpractice insurance. This will enable participants to perform surgery on patients in British Columbia, Canada. Please contact Andrew for further information.

Contact:

Andrew Gillies

Tel: (604) 541-8108
Toll Free: 1-888-TEETH-99
Email: andrew@implantconnection.ca

Maximum 30 participants for this program.

For more information and a registration form, visit www.vancouvermaxicourse.com

* Fees for international dentists enrolling in the program are different. Contact us for more details.

** International dentists interested in the program can enroll with a personalized schedule, for less travel but still obtaining the 300 hours required for AAID Associate Fellow credentialing.

About Our Faculty

Dr. William Liang, B.Sc, DMD, DABOI, DICOI, FAAID, FACD, FADI
Dr. William Liang attended the University of British Columbia and received his Bachelor’s degree in Microbiology in 1981 and his Doctor of Dental Medicine Degree in 1983. At graduation, he was awarded the Canadian Oral and Maxillo-Facial Prize for highest standing in the area of Oral Surgery. He has been practicing dentistry in Surrey, BC for the past 30 years. Currently his practice is focused on adult restorative and implant dentistry. He is on the executive of the AAID Western District. Dr. Liang is Board Certified by the American Board of Oral Implantology/Implant Dentistry, Fellow of the Academy of General Dentistry, Fellow and Diplomate of the International Congress of Oral Implantology, Fellow of the Misch Implant Institute and Fellow of the American Academy of Implant Dentistry.

Dr. Anthony Wong, B.Sc, DMD, DABOI, FAAID, FICOI
Dr. Anthony Wong studied at the University of British Columbia. He obtained a B.Sc. degree in Biochemistry in 1975, and graduated with a D.M.D. degree in 1976. Upon graduation he was inducted into the Omicron Kappa Upsilon Dental Honor Society. He graduated from the Misch Implant Institute in 1993 and is a Fellow of both the International Congress of Implantologists and the American Academy of Implant Dentistry. He is a Diplomate of the American Board of Oral Implantology / Implant Dentistry. He practiced in the Greater Vancouver area for over 35 years and is currently practicing in South Surrey, concentrating in all phases of Implant Dentistry and in Cosmetic Smile Makeover. He is a registered IV sedation provider in BC. He also teaches part time at the Faculty of Dentistry, UBC as a Clinical Prosthodontic Consultant.
Dr. Peter Balogh, B.Sc, DDS, FAAID, FICOI, DABOI
Dr. Peter Balogh received an Honours degree in Organic Chemistry at the University of Western Ontario in 1985, and a Doctor of Dental Surgery degree at the University of Toronto in 1989. His study, passion and vision for implant dentistry dates back to 1987: as the President of his study body, he sought out and organized lectures and courses in advanced dental implant education, and helped to initiate the faculty’s implementation of implants into the undergraduate curriculum. His clinical surgical and prosthetic experience with dental implants began in 1989 with a General Practice Residency at Toronto General Hospital, and since 1991 he has been in private practice in Burnaby, BC. He is a Fellow with the International Congress of Oral Implantologists (ICOI), the American Academy of Implant Dentistry (AAID) and a Board Certified Diplomate with the American Board of Oral Implantology / Implant Dentistry (ABOI). He is also affiliated with the International Academy of Oral Medicine and Toxicology (IAOMT), American Academy of Cosmetic Dentistry (AACD) and Health Action Network (HANS). Dr. Balogh has lectured and provided surgical training to dentists, auxiliaries and denturists on the prosthetic and surgical placement of implants, and currently directs a large general practice where he specializes in implant, reconstructive and cosmetic dentistry.

Dr. Gabor Balogh, B.Sc, DDS, FICOI, AFAAID, DABOI
Dr. Gabor Balogh obtained an Honors B.Sc. in Chemistry at the University of Western Ontario and a DDS in 1985. He finished The Misch Implant Institute in 1993 and has been doing all phases of implant dentistry for 20 years. He is a founding member and past president of the Vancouver Oral Implantology Surgical Seminars. Dr. Balogh has been in practice in Vancouver since 1988 and West Vancouver for 18years with a focus on implantology and cosmetics. He is also certified in IV/oral sedation. Dr. Balogh is a Diplomate of the American Board of Oral Implantology, an Associate Fellow of the AAID, and a Fellow of the ICOI. He is also a member of the American Academy of Cosmetic Dentistry.

Testimonials

What are the Vancouver MaxiCourse’s greatest strengths?

“Excellent worldclass speakers and mentors without having to leave Vancouver.”
~ Dr. Mike Flunkert

“Knowledgeable mentors—experienced, patient, passionate, and great teachers. Great learning through case presentations before surgery as well as critiques done following surgeries.”
~ Dr. Anya Vanaki

“The surgical component—discussing different approaches and techniques for cases and then being able to see these performed.”
~ Dr. Mike Webster

What has the Vancouver MaxiCourse given you?

“I’ve been exposed to different treatment options that I never knew existed prior to attending the course. I now have the confidence to do cases in my office and to know which cases to select as well as be aware of the complications that might occur and how to handle them.”
~ Dr. Sanjay Bhambhani

“A support network of mentors and colleagues and a body of knowledge that allows me to view implant dentistry in a whole new light.”
~ Dr. Mike Webster

“Understanding the limitations and to work within my knowledge base. It comes down to knowing what you know and knowing what you Don’t know.”
~ Dr. Rocky Bozak