Organizer :

HKAOMS
HONG KONG ASSOCIATION OF ORAL & MAXILLOFACIAL SURGEONS

CPD/CME
Points Awarded
Quantity to be specified based on accreditation

2-DAY WORKSHOP

Advanced Bone Augmentation Techniques & Clinical Practice Workshop

VENUE **Center of Dental Education Hong Kong**
17/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon

DAY **5 - 6 SEP** Saturday & Sunday
From 9:30am to 5:30pm

Register Here

FEE

Early Bird	Regular	AOMI Member	ITI Member
HKD9,600	**HKD12,800**	**HKD8,960**	**HKD10,240**
Ends on 30th June			

For inquiries : courses@cde.hk +852 9766 2359

Supported by :

Advanced Bone Augmentation Techniques & Clinical Practice Workshop

2-Day Workshop

CPD/CME
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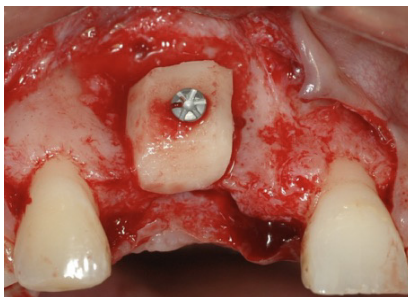
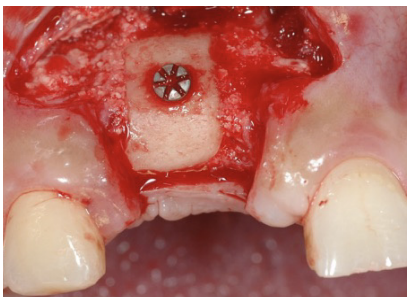
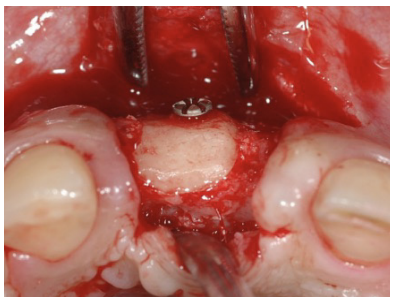
PROGRAMME OVERVIEW

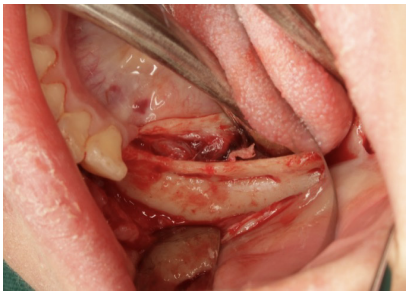
Welcome to our Advanced Bone Augmentation Techniques & Clinical Practice Workshop! This intensive 2-day workshop is tailored for oral surgeons and implantologists seeking to enhance their theoretical knowledge and practical skills in bone augmentation procedures.

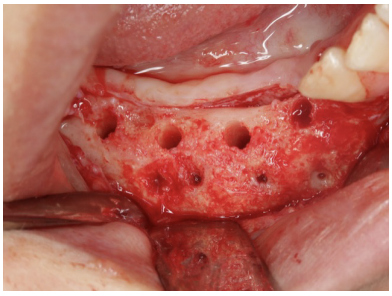
Through comprehensive lectures and hands-on training, you will master a wide range of strategies—from basic to complex—covering material selection, surgical techniques, and digital-assisted approaches. Combining clinical case analyses with simulated practice on 3D printed jaw model and pig jaw, this course aims to build your confidence, expand your clinical capabilities, and meet diverse patient needs.

COURSE HIGHLIGHTS

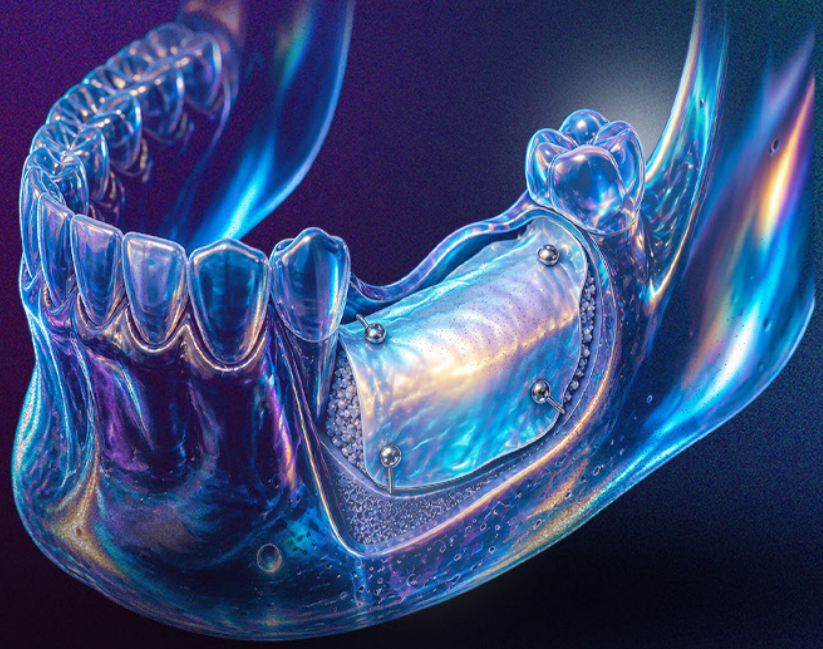
- In-depth decision-making for bone augmentation from straightforward to complex cases, from basic principles to complex vertical and 3D augmentations
- Evidence-based grafting material selection and protocols (autogenous, xenografts, allografts, synthetics)
- Focus on zone-specific strategies (aesthetic vs. posterior)
- Mastering digital technology integrations (e.g, CAD/CAM-designed titanium mesh) in bone regeneration
- Extensive hands-on training on autogenous harvesting, GBR variants, and block grafting with 3D printed models and pig jaw
- Real clinical case analyses, complication discussions, and long-term outcome reviews
- Expert-led demonstrations and guidance
- CPD/CME points awarded and official completion certificate





CERTIFICATE

Official completion certificate awarded, confirming advanced training in bone augmentation



Day 1

Advanced Bone Augmentation Techniques & Clinical Practice Workshop

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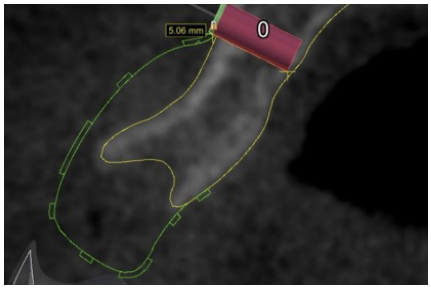
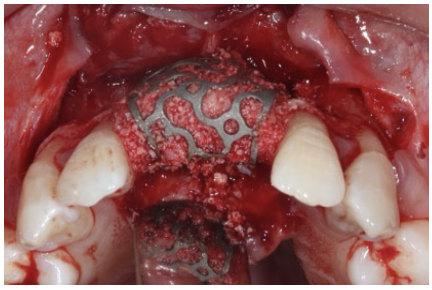
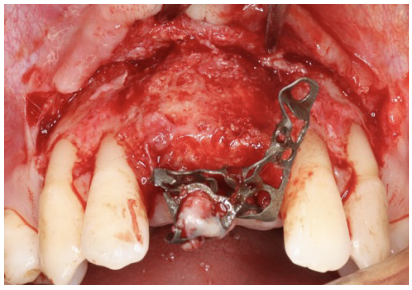
LECTURE

- Clinical, radiographic and CBCT-based anatomical assessment for bone defects
- Decision tree and risk stratification: Straightforward vs. complex cases (horizontal, vertical, combined defects)
- Evidence-based material selection: Autogenous bone, xenografts, allografts, synthetics, growth factors, and bioactive modifiers
- Bone augmentation in the aesthetic zone: Preservation of emergence profile, soft tissue integration, and predictability
- Bone augmentation in the posterior zone: Load-bearing considerations and graft stability
- Soft tissue management principles in augmentation surgery (flap design, tension-free closure, papilla reconstruction)
- Introduction to complications: Prevention, early detection, and management strategies



HANDS-ON

- Instrumentation, needle selection, and advanced suturing techniques for bone augmentation
- Incision/flap design, elevation, and tension-free primary closure
- Autogenous bone harvesting: Particulate chips, cortical blocks, and bone shield/cores (intraoral donor sites, e.g., retromolar/chin)
- Master the Umbrella Technique. A simple, fast, and cost-effective solution in GBR

Day 1 - Agenda

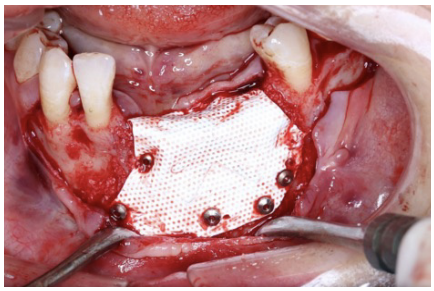
TIME	DETAILS	SPEAKER
Lecture		
9:30 – 10:00	Clinical, Radiographic and CBCT-Based Anatomical Assessment for Bone Defects	Dr. Eric Sit
10:00 – 10:30	Evidence-Based Material Selection: Autogenous Bone, Xenografts, Allografts, Synthetics, Growth Factors, and Bioactive Modifiers	Dr. Eric Sit
10:30 – 10:45	Break	
10:45 – 12:15	Guided Bone Regeneration: Biological Principles, Surgical Techniques, and Grafting Materials—Autogenous Bone, Bone Substitutes, and Growth Factors (Prf)—with Clinical Case Scenarios	Dr. Raymond Chow
12:15 – 12:45	Autogenous Block Bone Grafting: Harvesting, Contouring and Fixation	Prof. Diana Wang
12:45 – 13:00	Q&A	
13:00 – 14:00	Lunch	
Hands-On		
14:00 – 15:00	Instrumentation, Needle Selection, and Advanced Suturing Techniques for Bone Augmentation	Dr. Guillaume Lintanf
15:00 – 16:30	Autogenous Bone Harvesting: Particulate Chips, Cortical Blocks, and Bone Shield/Cores	Dr. Guillaume Lintanf
16:30 – 18:00	1. Block Bone Grafting: Fixation, Contouring, and Combination with Xenografts for Enhanced Volume Stability 2. Practice of The Umbrella Technique: Master Precise Placement of the Umbrella Screws, Stable Space Creation for Grafts and Soft-Tissue Management	Prof. Diana Wang

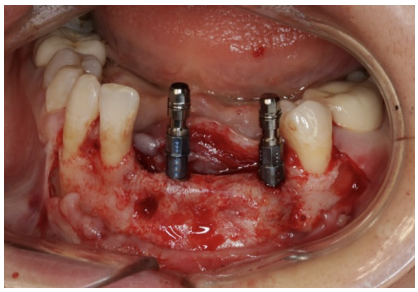
Day 2

Advanced Bone Augmentation Techniques & Clinical Practice Workshop

LECTURE

- Autogenous block bone grafting: Harvesting, contouring, fixation, and shell technique variants
- Vertical ridge augmentation: Staged approaches, space maintenance, and predictability in severe defects
- Digital titanium mesh in guided bone regeneration (GBR): CAD/CAM customization, workflow (DICOM to design), advantages over traditional meshes, and clinical protocols
- Grafting vs. graftless solutions: When to choose implants or other alternatives
- Case-based discussions: Real-world outcomes, long-term stability, and complication resolution





HANDS-ON

- Simultaneous implant placement with guided bone regeneration (GBR) using particulate grafts and resorbable membranes
- Staged GBR with sausage technique (particulate + membrane for horizontal/vertical gain)
- Block bone grafting: Fixation, contouring, and combination with xenografts for enhanced volume stability

Day 2 - Agenda

TIME	DETAILS	SPEAKER
Lecture		
9:30 – 10:00	Decision Tree and Risk Stratification: Straightforward vs. Complex Cases (horizontal, vertical, combined defects)	Dr. Joan Wan
10:00 – 10:45	Vertical Ridge Augmentation: Staged Approaches, Space Maintenance, and Predictability in Severe Defects	Prof. Diana Wang
10:45 – 11:00	Break	
11:00 – 11:45	Digital Titanium Mesh in GBR: CAD/CAM Customization, Workflow and Clinical Protocols	Prof. Diana Wang
11:45 – 12:15	Grafting VS. Graftless Solutions: When to Choose Implants or Other Alternatives	Dr. Joan Wan
12:15 – 12:45	Case-Based Discussions: Real-World Outcomes, Long-Term Stability, and Complication Resolution	Prof. Diana Wang Dr. Eric Sit Dr. Raymond Chow Dr. Joan Wan
12:45 – 13:00	Q&A	
13:00 – 14:00	Lunch	
Hands-On		
14:00 – 14:45	Incision/Flap Design, Elevation, and Tension-Free Primary Closure	Dr. Joan Wan
14:45 – 17:45	Staged GBR with Sausage Technique on **Pig Jaw**	Dr. Raymond Chow

SPEAKERS

01

Prof. Diana Wang

Clinical Associate Professor in Oral and Maxillofacial Surgery

BDS (SJTU), MDS (SJTU), PhD (SJTU)

Dr. (Diana) Feng Wang now serves as a Clinical Associate Professor in Oral and Maxillofacial Surgery (OMFS) at the Faculty of Dentistry, The University of Hong Kong. She obtained BDS (2005), MDS (2007), and phD (2015) degrees from SJTU. She had been involved in dental implant treatment in Ninth People's Hospital, SJTU from 2007 to 2024. Professor Wang has an ongoing interest in digital implant surgery, implant related oral reconstruction and multidisciplinary therapy in congenital tooth agenesis. She is the Fellow of International Team for Implantology (ITI), Educational Committee Member of Foundation of Oral Rehabilitation (FOR) and Committee Member of Chinese Stomatological Association, implantology branch and oral genetic/rare diseases branch. She has published over 80 papers in international peer-reviewed journals, contributed to the writing of 8 books, and now is on the editorial board of CIDRR.

SPEAKERS 02

Dr. Eric Sit

Specialist in Oral and Maxillofacial Surgery

BDS(HK), MFD RCS (Irel), MFDS RCPSG, MOMS RCSEd, MGDS RCS (Irel), FRACDS, FCDSHK(OMS), FHKAM (Dental Surgery)

Dr. Eric SIT Ka Fai obtained his basic dental qualification from the Faculty of Dentistry, the University of Hong Kong in 2005. After a few years of general practice, he had his specialist training in oral and maxillofacial surgery commenced in different regional government hospitals, and became a specialist in oral and maxillofacial surgery in 2016. He now splits his time between his private practice in different clinics and university teaching in both undergraduate and postgraduate programmes in the University of Hong Kong.

His special interests in practice include dentoalveolar surgery, oral pathology and medicine, special care dentistry as well as implant surgery.

SPEAKERS 03

Dr. Raymond Chow

Specialist in Oral & Maxillofacial Surgery

BDS HK, MDS HK(Oral & Maxillofacial Surgery), MOSRCS(Edin), FDSRCS(Edin), FDSRCPS(Glasgow), FHKAM(Dental Surgery), FCDSHK(OMS).

Dr. Raymond Chow is a registered Specialist in Oral and Maxillofacial Surgery in Hong Kong. He obtained his Bachelor of Dental Surgery from the University of Hong Kong in 1998 and began specialist training in Oral and Maxillofacial Surgery in 1999. After earning his Master of Dental Surgery in 2003, he was appointed Assistant Professor at the Faculty of Dentistry, University of Hong Kong. In 2007, he transitioned into full-time private practice.

Dr. Chow currently serves as an Honorary Consultant in Oral and Maxillofacial Surgery at both the Hong Kong Sanatorium & Hospital and Queen Mary Hospital. He is also an Honorary Clinical Associate Professor at the University of Hong Kong.

He has published extensively in international peer-reviewed journals on topics such as third molar surgery, dental implantology, temporomandibular joint disorders, and orthognathic surgery. In addition, he contributed a textbook chapter on advances in zygomatic implant techniques. Dr. Chow is an Editorial Advisory Board Member of the Quintessence Asia Pacific Edition and serves as a peer reviewer for the International Journal of Oral and Maxillofacial Surgery.

Dr. Chow has a particular focus on advanced dental implant procedures. He specializes in dental implant digital workflow, computer-guided implant surgery, as well as robotic implant surgery, integrating state-of-the-art digital planning, navigation, and robotic-assisted technologies to enhance precision, predictability, and patient outcomes in implant rehabilitation.

SPEAKERS

04

Dr. Joan Wan

Specialist in Oral & Maxillofacial Surgery

BDS (HK), MDS (OMS) (HK), FRACDS (GDP), MFDS RCPS (Glasg), MFDS RCSEd, MOMS RCSEd, FHKAM (Dental Surgery), FCDSHK (OMS)

Dr. Joan Wan has completed her training in the Oral & Maxillofacial Surgery (OMFS) at the Prince Philip Dental Hospital (PPDH) / Queen Mary Hospital in Hong Kong in 2024.

She is currently an Honorary Clinical Assistant Professor in HKU. Dr. Wan's special interest is in dental implants and management of obstructive sleep apnea. She advocates full digital workflow of dental implant surgery.

SPEAKERS

05

Dr. Guillaume Lintanf

DDS, Certified Specialist in Oral Surgery (DESCO)

Dr. Guillaume LINTANF obtained his Doctor of Dental Surgery (DDS) degree from the Faculty of Dentistry in Lyon, France. In 2016, he became a certified specialist in oral surgery after a four-year residency (DESCO). He then took on the position of lecturer in oral surgery at the University of Paris Cité and was a clinical assistant supervising residents at La Pitié Salpêtrière Hospital from 2017 to 2019. Starting in 2020, he practiced as an oral surgeon in a private clinic in Paris until 2024. His expertise includes dentoalveolar surgery, covering dental extractions, jaw cyst surgeries, endodontic surgeries, orthodontic surgeries, dental implants, bone grafting, and periodontal plastic surgery.