SURGICAL MICROSCOPE ENHANCING PERIODONTAL AND IMPLANT TREATMENT OUTCOMES

DR. HSUN-LIANG “ALBERT” CHAN

Using the surgical microscope for improving periodontal and implant-related regenerative outcomes is happening. Increased magnification (10 to 25x) and confocal illumination make possible precise incision, soft tissue reflection and management, complete surface detoxification and detailed suturing. These delicate procedures can lead to improved wound stability and early revascularization, which may improve regenerative outcomes and reduce postoperative morbidity. This course will focus on the principles and rationale of using the surgical microscope for periodontal and guided bone regeneration, supplemented by case demonstrations.

EDUCATIONAL OBJECTIVES

- Understand the paradigm shift in surgical dentistry toward tissue regeneration and minimally invasive procedures
- Familiarize basic wound healing principles and enhanced healing from microsurgery

CLINICIAN

HSUN-LIANG “ALBERT” CHAN, DDS, MS, Clinical Associate Professor of Dentistry, Assistant Program Director, Periodontics Graduate Program, finished periodontal specialty training with a prestigious award, Sigurd P. Ramfjord Award for Excellence in Graduate Periodontics, at the University of Michigan in 2011. Since graduation, he has been teaching as a full-time clinical faculty at the University of Michigan. He teaches topics related to periodontal disease and implant therapy to predoctoral students and graduate periodontal residents in the clinics and in the classroom. He also conducts clinical research focusing on minimally invasive periodontal and implant surgeries using advanced imaging, e.g. 3D dental ultrasound, CBCT scans, and digital treatment planning. He received several other awards from the nation’s authority in periodontics, the American Academy of Periodontology (AAP), including Fellowship to the Institute for Teaching & Learning (2011), Abram and Sylvia Chasens Teaching and Research Fellowship (2011), Nevins Teaching and Clinical Research Fellowship, the AAP foundation (2013), Outstanding Teaching and Mentoring in Periodontics (2015) and AAP Sunstar Innovation Award (2018). He is also listed as a finalist of the Richard J. Lazrara Fellowship In Advanced Implant Surgery (2011). He serves as a committee member in different capacities in major periodontal and dental implant organizations, e.g. AAP, Academy of Osseointegration, Midwest Society of Periodontology and Michigan Periodontal Association, etc. He has published more than 100 peer-reviewed articles and conference abstracts/presentations related to periodontics and implant therapy. Dr. Chan is also the Director of the “Periodontal and Implant Microsurgery Academy (PiMA)” which offers three levels of courses with various time commitments and depth of training for interested individuals with all ranges of experience with microsurgery.

CANCELLATION POLICY

Cancellations received up to 72 hours prior to the course will receive a 50% refund. No refunds will be given for cancellations received within 72 hours of the course. Please note that Zoom will allow you to cancel out of a Zoom event at any time, however, all cancellations for this course must be made directly with UBC in accordance with this UBC CDE cancellation policy. Continuing Dental Education at The University of British Columbia reserves the right to cancel courses or switch instructors if deemed necessary by low enrolment, instructor cancellation or other unforeseen issues. In case of course cancellation by UBC CDE a full refund will be issued.

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