

ONTARIO AGD

2 Day Hands-On Mastertrack

TORONTO

NOVEMBER 8-9

2024

FRIDAY TO SUNDAY



DR. MARK HSIANG EN LIN

Dr. Mark H.E. Lin graduated from the University Of Toronto in the Biochemistry specialists honours program. He received his dental degree from University of Detroit Mercy in which he was on the Dean's list for four consecutive years and finished within the top 5% of the class. He then completed a 1-year General Practice Residency program at the Miami Valley Hospital in Dayton Ohio, where he received his training in hospital dentistry, intravenous sedation and advanced surgical training.

He practiced general dentistry for 13 years then return to complete his postgraduate training in the specialty of Prosthodontics at the University Of Toronto.

He maintains a full time specialty practice as a Prosthodontist at Toronto Dental Specialist (TDS). He is the owner and founder of the Toronto Dental Specialist with dental specialist associates in Prosthodontics, Periodontics, Endodontics, Dental Anaesthesia and Maxillofacial radiologists. The Toronto Dental Specialist focus on full mouth reconstructions, dental implant surgery, advanced grafting procedures, implant prosthetics and management of implant complications.

He was a former co-director of the Implant Prosthodontic Unit and post graduate Prosthodontic program at University of Toronto. He is currently an Associate in Dentistry at University of Toronto at the post graduate Prosthodontic department. He is a Fellow with the Royal College of Dentists of Canada in the specialty of Prosthodontics.

Terms & Conditions

The Ontario Academy of General Dentistry reserves the right to cancel any mastertrack course at any time. In such cases a full refund will be given to each participant. Participants cancelling more than 90 days prior to the course will be refunded in full. Participants cancelling less than 90 days but more than 30 days prior to the course are entitled to a refund less a \$300.00 Administration fee. Participants who cancel less than 30 days prior to the course are not entitled to a refund. Costs incurred for travel and hotel accommodations remain the responsibility of each participant.



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Advanced Fixed and Implant Prosthodontics & Functional Occlusion

REGISTRATION: 8:00AM – 8:30AM | COURSE: 8:30AM – 4:00PM

The rationale, principles and management of the functional dental occlusion as it applies to our clinical dentistry is of vital importance for the long-term success for our patients. The use of fixed prosthodontics and dental implants further complicates this topic since an osseous integrated dental implant is less tolerant of the biomechanical forces when lacking the periodontal ligaments. Yet, most clinical dentists find this topic complex, confusing and difficult to integrate into private practice. In addition, when the functional physiologic occlusion has been deteriorated to pathologic or non-physiologic occlusion, the restoration and reconstruction of the occlusion can be complex.

This program will address the various topics that are essential to understanding the biologic, biomechanical principles and sequence required to develop a functional occlusion for our patients for long-term stability, comfort and physiologic function.

- Terminology defined: Physiologic and non physiology occlusion, Centric relation, Centric occlusion, Vertical dimension of occlusion, Maximum intercuspation position, terminal hinge axis, mutually protected occlusion and glossary of terms used by the profession
- 5 Components of Masticatory function
- Diagnostic record requirements and case selection for comprehensive full mouth functional occlusion rehabilitation
- Clinical indications for use of facebows and semi-adjustable articulators; is it required, when, where, what type and how?
- Indications for treatment position of Centric Relation versus Maximal Intercuspation Position
- Various options in obtaining accurate repeatable Centric Relation interocclusal records
- Kois deprogrammer as a diagnostic tool and treatment appliance
- Indications for treatment alteration of the vertical dimension of occlusion
- Treatment options to determine and verify the new vertical dimension of occlusion
- Posterior determinants of occlusion and confirmation of health prior to rehabilitation
- Anterior determinants of occlusion, anterior envelope of function, overjet and overbite positions
- Confirmation of phonetics and optimal aesthetics
- Treatment goals of mutually protected occlusion and occlusal equilibration requirements to achieve stable functional occlusion and use of T-Scan to record intensity, distribution and timing for stable occlusion
- Guidelines, indications, and contraindications for occlusal equilibration
- Management of parafunctional habits
- Periodontal-restorative interface for fixed prosthodontics
- Soft tissue management protocols prior to final impressions
- Biomaterial and techniques to achieve optimal final impressions or digital scan to fabricate master models
- Applications of digital impressions, CAD / CAM applications to fixed prosthodontics
- Tooth preparation designs and systems for biomaterial requirements
- Various margin preparations and indications for specific biomaterial selection
- Biomaterial selection criteria for aesthetics and biomechanical requirements
- Margin preparation locations based on biologic width to maximize aesthetics while minimizing biologic violations and complications

- Bone sounding principles to treatment plan for soft tissue alterations versus clinical crown lengthening
- Diagnosis and treatment options for “gummy smiles” or excessive gingival displays
- Applications of hard and soft tissue laser in clinical dentistry
- Management of attrition, abrasion, erosion and abfraction as aetiologies to occlusal instability and physiologic occlusion
- Management of edentulous terminal dentition for accurate interocclusal records for fixed and implant restorations
- Definition for “Terminal Tooth Syndrome” and management protocol
- Splint therapies; when, which arch, hard or soft, what type of occlusion?
- TMD considerations to evaluate stability prior to initiation of treatment
- Various occlusion therapies, theories and applications to clinical dentistry
- Diagnostic evaluations and treatment protocols to avoid cheek or tongue biting complications
- Implant occlusion; single implant crowns, implant retained removable prosthesis, implant-supported fixed hybrid prosthesis, implant fixed porcelain prosthesis.
- Implant protected occlusion versus occlusion for natural dentition
- Use of direct transitional bonding as a diagnostic tool when altering the vertical dimension of occlusion or transitional therapy prior to definitive restorations
- Algorithms to sequence full arch or full mouth reconstruction therapies
- Full arch or double arch reconstructions with implant fixed prosthesis; treatment planning, surgical principles, temporization and final reconstruction therapy

Hands-On Components

- Clinical examination and charting for the TMJ, muscles of mastication, dental evaluation and diagnostic records.
- Clinical evaluation and examination of TMD considerations, simplified joint load testing prior to comprehensive dentistry
- Fabrication of Centric Relations interocclusal records with comparison of techniques for accuracies
- Bimanual manipulation, Lucia jigs, Leaf gauge, Chin Point guidance and others
- Facebows records in aiding accuracy of mounting of maxillary cast
- Mounting of diagnostic casts using semi-adjustable articulators
- Occlusal equilibration to achieve centric relations to maximal intercuspation position with use of T-Scan
- Diagnostic wax set up for fixed prosthodontics and implant occlusion
- Fabrication, adjustments and insertions of occlusal splints to manage parafunctional habits.
- Treatment planning of various complicated cases from diagnostic records to step by step sequencing
- Case planning for “Live Patient” multi-disciplinary full mouth rehabilitation cases; treatment planning, tooth preparations, provisionalization and final fixed prosthetics
- Course participants are encouraged to bring potential cases from their private practice to treatment plan and review treatment plans

SHAW DENTAL LAB 105 BENTWORTH AVE UNIT 1 | NORTH YORK, ONTARIO

COURSE FEE: \$1495 AGD MEMBER | \$1695 NON AGD MEMBER
(14 PARTICIPATION HOURS FOR SEMINAR | CATEGORY 2 HOURS)

28 PARTICIPATION HOURS WITH COMPLETION OF ASSIGNMENT.
SUBJECT CODE 180.

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ONTARIOAGD@GMAIL.COM FOR MORE INFORMATION