



74TH ANNUAL MEETING, FREDERICTON, NB



Pre-Convention

Hands-on Course in Endoscopic Sinus Surgery: From Basic to Advanced

Friday & Saturday, June 5 & 6, 2020

Nashwaaksis A Room, Fredericton Convention Centre / Mobile Lab (read parking lot of the Crowne Plaza Hotel, FREDERICTON, NB)

COURSE DIRECTOR

Dr. Marc Tewfik, Montreal, QC

GUEST FACULTY

Dr. Phillip Chen, San Antonio, TX

Faculty

Dr. Yvonne Chan, Toronto, ON

Dr. Richard Gall, Winnipeg, MN

Dr. John Lee, Toronto, ON

Dr. Doron Sommer, Hamilton, ON

Dr. Allan Vescan, Toronto, ON

Dr. Lamiae Himdi, Montreal, QC

Dr. Arif Janjua, Vancouver, BC

Dr. John Scott, Halifax, NS

Dr. Andrew Thamboo, Vancouver, BC

Dr. Ian Witterick, Toronto, ON

COST

Full Program - \$459 per person (max 28 registrants)

Lectures Only - \$100 per consultant and \$45 per resident, fellow, medical student

INTRODUCTION

Chronic rhinosinusitis (CRS) can be challenging to manage, even in the hands of experienced otolaryngologists. Endoscopic sinus surgery (ESS) is generally reserved for medical management failures and is tailored to the severity of disease. Recent advances in technique and an improved understanding of the disease process have led to improved success rates for ESS. The aim of this course is to teach basic to advanced techniques in ESS, including maxillary antrostomy, sphenoidectomy, frontal recess dissection and septoplasty.

The session will consist of a half-day of lectures followed by a half-day of hands-on dissections. Seven cadaveric heads as well as endoscopic surgical workstations will be provided, and the enrollment would be open to a total of 28 Otolaryngologists, including practicing surgeons, advanced trainees and fellows.

LEARNING OBJECTIVES

After attending this workshop, otolaryngologists will:

1. Review endoscopic and radiologic sino-nasal anatomy, as well as pathophysiologic concepts of various common nasal diseases.
2. Become familiar with the management of sino-nasal pathology, including the latest medical therapies as well as advanced ESS techniques, including the surgical steps of each technique.



3. Be able to discuss the indications and contraindications of ESS techniques.
4. Become familiar with the instrumentation required.
5. Be able to discuss the postoperative management after ESS.

FRONTAL SINUS MASTERCLASS WORKSHOP DESCRIPTION (included for dissectors)

The frontal sinus anatomy is highly variable and often complex. As a result, it is often challenging for the sinus surgeon to master understanding of the frontal sinus.

The Frontal Sinus Master's Class aims to help participants systematically review a variety of CT scans, from simple to complex, in all 3 planes. After reviewing the CT, the participant uses the building block method to determine the anatomy and drainage pathway of the frontal sinus.

The Course Faculty works with the participants to make and evaluate their own 3D conceptualization of the frontal sinus cells using tangible blocks, in a hands-on approach. The Course Faculty checks and provides feedback to help the participant improve their 3D Conceptualization.

Participants then compare their own 3D interpretation of the CT scan with the intra-operative video of the surgery performed on this patient, with stepwise removal of frontal sinus cells. The comparison of the participant's 3D Interpretation and the actual surgery re-enforces their ability to use the triplanar CT images to create a 3D anatomical picture, and to formulate their own plan for surgery.

LEARNING OBJECTIVES

1. Review the nomenclature and common cellular configurations of frontoethmoidal cells that are relevant to frontal sinus surgery.
2. Practice reconstructing these 3D configurations using the building blocks technique and understanding how this affects the frontal sinus drainage pathway.
3. Develop a surgical plan for frontal recess dissection based on the elucidated frontoethmoidal cell anatomy.

PROGRAM

0730 REGISTRATION

Didactic Session

Nashwaaksis A, Fredericton Convention Centre

- 0750-0800 Welcome – Dr. M. Tewfik, Montreal
- 0800-0820 Pathogenesis and Classifications of CRS – Dr. J. Scott, Halifax
- 0820-0840 Pre-operative and Postoperative Management in sinus surgery – Dr. J. Lee, Toronto
- 0840-0900 Surgical Sinonasal Anatomy and Radiology – Dr. M. Tewfik, Montreal
- 0900-0920 Endoscopic Septum and Turbinate Surgery – Dr. A. Janjua, Vancouver
- 0920-0940 Surgical Treatment of CRS. Full House FESS Concept – Dr. A. Thamboo, Vancouver
- 0940-1000 Recalcitrant CRS (including Revision Surgery) – Dr. Y. Chan, Toronto
- 1000-1020 COFFEE
- 1020-1040 Frontal Recess and Frontal Sinus–Surgical Approaches – Dr. P. Chen, San Antonio



Program continued...

1040-1140 Frontal Sinus Masterclass

1140-1200 Avoiding and Managing Complications of FESS (including epistaxis) – Dr. D. Sommer

1200-1300 LUNCH

Hands-on Session

Stryker Mobile Lab (rear parking lot, Crowne Plaza Hotel)

1300-1400 - Endoscopic Septoplasty
- Inferior Turbinoplasty
- Maxillary Antrostomy

Demonstration: 20 min

Dissection: 40 min

1400-1520 - Frontal Recess dissection
- Frontal Sinus Trephination

Demonstration: 20 min

Dissection: 60 min

1520-1540 COFFEE

1540-1640 - Anterior and Posterior Ethmoidectomy
- Sphenoidotomy

Demonstration: 20 min

Dissection: 40 min

1640-1800 - Sphenoidotomy Artery Ligation
- Endoscopic Orbital Decompression

Demonstration: 20 min

Dissection: 60 min

1805 Close of the day

*CME credits pending

Our sincerest thanks to all faculty and organizers.

