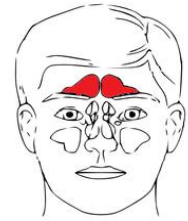




**74<sup>TH</sup> ANNUAL MEETING (VIRTUAL)**



## **CSOHNS 2020 Frontal Sinus Masterclass**

**Sunday, October 25, 2020**

**Course Directors:** Dr. Yvonne Chan, Toronto, ON / Dr. Marc Tewfik, Montreal, QC

**Faculty:**  
Dr. Yvonne Chan, Toronto, ON  
Dr. Philip Chen, San Antonio, TX  
Dr. John Scott, Halifax, NS  
Dr. Marc Tewfik, Montreal, QC

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### **Workshop Description**

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 will work with the participants to make and evaluate their own 3D conceptualization of the frontal sinus cells using specialized planning software. 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 endoscopic and radiologic sino-nasal anatomy, as well as 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.

### **Tentative Schedule**

08:00am - 08:05am	Introduction and welcome to the Frontal Sinus Masterclass	Dr. Yvonne Chan
08:05am - 08:20am	Frontal Sinus Anatomy and Radiologic Assessment	Dr. Marc Tewfik



08:20am - 08:35am	Frontal Sinus Surgery	Dr. Phil Chen
08:35am - 08:45am	Overview of Frontal Sinus Planning Software	Dr. John Scott
08:45am - 09:15am	Model 1 Left side planning	Delegates
09:15am - 09:30am	Model 1 Left side plan and video	Faculty
09:30am - 10:00am	Model 1 Right side planning	Delegates
10:00am - 10:15am	Model 1 Right side plan and video	Faculty
10:15am - 10:30am	Model 2 Left side planning	Delegates
10:30am - 10:45am	Model 2 Left side plan and video	Faculty
10:45am - 11:00am	Model 2 Right side planning	Delegates
11:00am - 11:15am	Model 2 Right side plan and video	Faculty
11:15am - 11:30am	Debriefing and Closing Remarks	Faculty

