

Jan 16th, 2018: Basic ESS for Resident & General Otorhinolaryngologists

- 08.00: Registration
- 08.30: Opening Remarks
- 08.45 Relevant Anatomy of the Paranasal Sinuses and Skull base
Prof. Ehab Hanna
- 09.15: Endoscopic Sinus Surgical Technique: How I do it
Prof. Siow Jin Keat
- 09.45: Advance technique in Endoscopic Frontal Sinus Surgery
Prof. Ehab Hanna
- 10.15: Coffee/Tea Break and Group Photo
- 10.30: Postoperative Care: What & How to Do and Avoid
Prof. Sung Wan Kim
- 11:00: Tip and Pearl for Revision Endoscopic Sinus Surgery
Prof. Ehab Hanna
- 11:30: **Demonstration by Prof. Ehab Hanna**
Endoscopic Sinus Surgery Demonstration in Fresh Frozen Cadavers
(Maxillary Sinusotomy, Ethmoidectomy, Sphenoidotomy, Frontal Sinus Surgery, DCR, ESPAL, Orbital Decompression, Optic nerve Decompression, Medial Maxillectomy, Septoplasty)
- 12.20: LUNCH
- 13.00: Hands-on dissection with Faculty
- 17:00 Adjourn

Jan. 17, 2018: Day 1 Advanced ESS & Skull Base

- 08.00: Registration
- 08.30: Welcome Speech
- 08.45: Essential Anatomy and Principle of Endoscopy Skull Base Surgery
Prof. Castelnovo
- 09.15: Advanced in Endoscopic Frontal Sinus Surgery
Prof. Castelnovo
- 09.30: Expanded Endoscopic Approaches to Transplanum-
Transtuberculum
Asst. Prof Shaan M. Raza
- 10.00: Endoscopic Transsphenoidal Approach to Pituitary: Indication and
Limitation
Asst. Prof Shaan M. Raza
- 10.30: Coffee/Tea Break and Group Photo
- 10.50: Expanded Endoscopic Approaches for Clival Lesion
Prof. Ehab Hanna
- 11.30: Reconstruction after Endoscopic Skull Base Surgery
Prof. Ehab Hanna
- 12.00: Lunch
- 13.00: **Demonstration by Prof. Ehab Hanna & Asst. Prof Shaan M. Raza**
Demonstration of Endoscopic Skull Base Surgery in Fresh Cadaver:
Endoscopic Transsphenoidal, Transplanum, Transclivus approach
Endoscopic Harvest flap: NSF, Rescue flap, Reverse flap
- 14.00: Hand on
- 16.30: Adjourn

January 18, 2017:Day 2Advanced FESS & Skull Base

- 08.30: Endoscopic Endonasal Management of Orbital Pathology
Prof. Castelnuovo
- 09.00: Transorbital Endoscopic Approach to the Skull Base
Prof. Castelnuovo
- 09.30: Role of Endoscopic Transcribiform for Anterior Cranial Base Tumor
Asst. Prof Shaan M. Raza
- 10.00: Update Management in Neuroendocrine Tumor of Pranasal Sinus
Prof. Ehab Hanna
- 10:30: Endoscopic Endonasal Approach to Ventral Brainstem: Indication and Limitation
Asst. Prof Shaan M. Raza
- 10:45: Coffee/Tea Break
- 11:00: Management of CSF Rhinorrhea
Prof. P.K. Purushothaman
- 11:30: Demonstration by**Prof. Castelnuovo**:
Endoscopic Decompression of Orbit and Optic n.
Endoscopic Transorbital Approach to the Skull Base
Endoscopic Craniofacial Resection
- 12.20 Lunch
- 13.00: Hand on
- 16.30 : Adjourn

January 19, 2018:Day 3Advanced FESS & Skull Base

- 08.30: Endoscopic Transpterygoid Approach to Infratemporal Fossa and Upper Pharynx
Prof. Castelnuovo
- 09.00: Multiportal Combined Transnasal Transoral Transpharyngeal Endoscopic approachfor Skull Base Tumor
Prof. Castelnuovo
- 09.30: Tip and Pearl of Endoscopic Endonasal Approach to Middle Cranial Fossa
Asst. Prof Shaan M. Raza
- 10:00: Endoscopic Endonasal Management of Petroclival and Jugular Foramen Tumor
Asst. Prof Shaan M. Raza
- 10.30: Role of Endoscopic Nasopharyngectomy
Prof. Ehab Hanna
- 10:45: Coffee/Tea Break
- 11:00: How to Prevent and Management of Bleeding in Endoscopic Endonasal Surgery including Carotid Artery Injury
Prof. Ehab Hanna
- 11.30: Demonstration by **Prof. Castelnuovo**
Endoscopic Endonasal transpterygoid approach: ITF Upper Parapharynx
Endoscopic Transpharyngeal approach
Demonstration by **Prof. Ehab Hanna&Asst. Prof Shaan M. Raza**
Endoscopic Approach to Middle Cranial Fossa
Endoscopic Approach to Occipital Condyle and Jugular Foramen
- 12.20: Lunch
- 13.00: Hand on
- 16.30: Adjourn