17th ANNUAL HANDS-ON
Cadaver Dissection Workshops

17 - 20 April 2019
American Hospital &
Mohammed Bin Rashid Academic
Medical Center, Dubai, UAE

Bloodless Surgery
Minimizing Intraoperative and Post Operative Bleeding

CHAIRMEN:

Muaaz Tarabichi, MD
Head of ENT Department
American Hospital Dubai, UAE

Heinz Stammberger, MD,
(Hon) FRCS, FACS
Professor Emeritus (Former Chair)
Medical University Graz, Austria

Cosponsors

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We are pleased to invite you to attend the **17th Annual Hands-On Cadaver Dissection Workshop**, 17th – 20th April 2019, American Hospital & Mohammed Bin Rashid Academic Medical Center, UAE. This unique course will showcase the expertise and knowledge of world renowned surgeons in the field of Ear and sinus surgery. The course is offered for continuing medical education of residents, fellows and practicing physicians. The faculty will lead the participants from the consultation to the management of the most challenging Ear & Sinus procedures. This course is designed to provide participants with a comprehensive overview of the surgical anatomy and techniques for sinus surgery. This will be accomplished with didactic lectures, live surgery and a hands-on fresh frozen cadaver dissection.

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**ENDOSCOPIC EAR SURGERY**

Muaaz Tarabichi, MD  
Head of ENT Department  
American Hospital Dubai, UAE

Baher Ashour, MD (FEBORL)  
Assistant Professor of Otolaryngology,  
Cairo University Hospitals  
Consultant Otolaryngologists,

Jihad Nassar  
Otolaryngology - American University Of Beirut - Medical Center  
Otolaryngology from University of Toronto, Canada  
Consultant at King AbdulAziz Medical City - Riyadh, KSA

Dr. Mustafa Kapadia, MS(ENT), DNB  
Director of Education and Junior Faculty  
Tarabichi Stammberger Ear Sinus Institute, Dubai

**ENDOSCOPIC SINUS SURGERY**

Islam Herzallah, MD, PhD  
Associate Professor & Consultant of Rhinology and Endoscopic Skull Base Surgery  
King Abdullah Medical City, Makkah, KSA

Prof. Richard J. Harvey, MD PhD  
Conjoint Professor, University of New South Wales  
Clinical Professor, Macquarie University, Sydney, Australia

Mahdi Shkoukani, MD  
Consultant, Department of Otolaryngology Head and Neck Surgery,  
Cleveland Clinic Abu Dhabi  
Clinical Associate Professor, Cleveland Clinic Lerner College of Medicine

Saied Alhabash  
ENT Consultant  
Medcare & Canadian Speciality Hospital, UAE
Day One: Endoscopic Ear Live Surgery Session

Wednesday, 17 April 2019
American Hospital, Dubai, UAE

Registration Allowed: 18
Course Director: Muaaz Tarabichi
Invited Faculty: Baher Ashour, Jihad Nassar

08:00 – 08:30 am ................. Registration and Breakfast
08:30 – 09:15 am ................. Endoscopic Anatomy of Middle Ear & Its Ventilation Pathways - Muaaz Tarabichi
09:15 – 09:45 am ................. Introduction to Endoscopic Ear Surgery - Jihad Nassar
09:45 – 10:15 am ................. Lecture
10:15 – 10:30 am ................. Coffee Break
10:30 – 12:00 pm ............... 1st Live Endoscopic Ear Surgery Case
12:00 – 01:00 pm ............... Lunch break
01:00 – 03:00 pm ............... 2nd Live Endoscopic Ear Surgery Case
03:00 – 03:15 pm ............... Coffee Break
03:15 – 04:00 pm ............... Balancing “The Force” between Endoscope and Microscope During Surgery - Joao Flavio Nogueira
04:00 – 04:30 pm ............... Radiological anatomy of Temporal bone - Baher Ashour
04:30 pm ......................... Close

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Course Fees:

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Endoscopic Ear Hands on Cadaver Dissection and Live Surgery Session (Days 1 and 2)</td>
<td>USD 1,200</td>
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<tr>
<td>Endoscopic Sinus Hands on Cadaver Dissection Course (Days 3 and 4)</td>
<td>USD 1,200</td>
</tr>
<tr>
<td>Lectures, Live Surgery Session and as Observer for Cadaver Dissection (Days 1, 2, 3, and 4)</td>
<td>USD 400</td>
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Day Two: Endoscopic Ear Surgery & Eustachian Tuboplasty Cadaver Dissection Workshop

Thursday, 18 April 2019
Mohammed Bin Rashid Academic Medical Center, Dubai, UAE

Registration Allowed: 18

Course Director: Muaaz Tarabichi
Invited Faculty: Baher Ashour, Jihad Nassar

08:00 – 08:30 am           Welcome and registration
08:30 – 09:15 am           Lecture
09:15 – 10:00 am           Dissection Demonstration

Step By Step Endoscopic Dissection of the Middle Ear:

· Endoscopic inspection of the EAC.
· Outline the vascular strip.
· Removal of canal skin along with the epithelial layer of TM.
· Enlargement of the ear canal.
· Elevation of the annulus up to 3 and 9 o’clock.
· Separate the remnant of the TM from the malleus handle and umbo.
· Take down the bony annulus posteriorly to gain full access to the facial recess and sinus tympani.
· Take down any “inferior overhang” and enlarge the access to the inferior retrotympanum and hypotympanum, next inspect the hypotympanum.
· Perform limited atticotomy with meticulous care.
· Proceed with removing the whole scutum including the lateral incudo-mallear folds, and expose the whole incus along with the malleus head.
· Mobilize the incus to expose the articular facet with malleus and stapes. Then, proceed with disarticulating the stapes and malleus from the incus.
· Next, transect the neck of the malleus at a relatively superior level in order to preserve the anterior malleolar ligament and the tensor tympani tendon.
· Transect the tensor tympani tendon and remove the malleus handle.
· Using a curette or a drill, if available, attempt to slowly remove the bony encasement of the facial nerve, starting with the horizontal segment and following the nerve proximally and distally into the first and second genus.

Dissection:
1st Batch - 10:00 am - 12:30 pm
2nd Batch - 1:30 pm - 4:00 pm
### Day Three: Endoscopic Sinus Cadaver Dissection Workshop

**Friday, 19 April 2019**  
**Mohammed Bin Rashid Academic Medical Center, Dubai, UAE**

**Registration Allowed:** 18

**Course Director:** Richard J. Harvey  
**Invited Faculty:** Islam Herzallah, Mahdi Shkoukani, Saied Alhabash

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08:00 – 08:30 am</td>
<td>Registration and Breakfast</td>
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<tr>
<td>08:30 – 08:35 am</td>
<td>Welcome &amp; Course information</td>
</tr>
<tr>
<td>08:35 – 09:05 am</td>
<td>A Different View On Endoscopic Anatomy Of Ethmoidal Labyrinth And The Sinuses: “The Sinus Box Principle” - Richard Harvey</td>
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<tr>
<td>09:05 – 09:25 am</td>
<td>Sphenoid Sinus, Onodi Cells, Sella &amp; Variations: Detailed Endoscopic &amp; CT anatomy – Mahdi Shkoukani</td>
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<tr>
<td>09:25 – 09:45 am</td>
<td>Identification and Variants of Sphenopalatine Artery - Islam Herzallah</td>
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<td>09:45 – 10:00 am</td>
<td>Coffee Break</td>
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<tr>
<td>10:00 – 10:30 am</td>
<td>Dissection Demonstration: Endoscopic Paraseptal Approaches to Sphenoid Sinus - Richard Harvey</td>
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<tr>
<td>10:30 – 11:00 am</td>
<td>Hands-On Dissection: Endoscopic Paraseptal Approaches to Sphenoid Sinus</td>
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<td>11:00 – 12:30 pm</td>
<td>Lunch</td>
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<tr>
<td>12:30 – 01:30 pm</td>
<td>Sphenoid approaches: Clinical Cases (Videos), Pearls, Tips &amp; Tricks - Richard Harvey &amp; Islam Herzallah</td>
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<tr>
<td>01:30 – 02:00 pm</td>
<td>Dissection Demonstration: Transtethmoidal Approaches to Sphenoid Sinus – Richard Harvey</td>
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<tr>
<td>02:00 – 02:30 pm</td>
<td>Hands on dissection: Transtethmoidal Approaches to Sphenoid Sinus</td>
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<tr>
<td>04:30 – 05:00 pm</td>
<td>Ask the faculty: Sphenoid management &amp; complications</td>
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<td>05:00 pm</td>
<td>Close</td>
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**Course Director:** Richard J. Harvey  
**Invited Faculty:** Islam Herzallah, Mahdi Shkoukani, Saied Alhabash
Day Four: Endoscopic Sinus Cadaver Dissection Workshop

Saturday, 20 April 2019
Mohammed Bin Rashid Academic Medical Center, Dubai, UAE

Registration Allowed: 18

Director: Richard J. Harvey
Invited Faculty: Islam Herzallah, Mahdi Shkoukani, Saied Alhabash

08:00 - 08:30 am .......... Breakfast

08:30 - 09:45 am .......... Understanding anatomy and variations of Frontal recess and frontal sinus & Endoscopic Approaches to it (“Uncapping” Technique, Types I & II, Intact Bulla Approach) - Islam Herzallah

09:45 - 10:15 am .......... Clinical cases (Videos), Discussion – Richard Harvey & Islam Herzallah

10:15 - 10:30 am .......... When and how to perform a Type III procedure (Draf III, “Modified Lothrop”, “Drillout Procedures”, “Median Drainage”) – Richard Harvey

10:30 - 11:00 am .......... Coffee break

11:00 - 11:20 am .......... Dissection Demonstration: Frontal Sinus Approaches I & II - Richard J. Harvey


11:40 - 01:10 pm .......... Hands-On Dissection: Frontal Sinus Approaches

01:10 - 02:00 pm .......... Lunch Break

02:00 - 02:15 pm .......... How to manage CSF leak endoscopically - Saied Alhabash

02:15 - 03:30 pm .......... Clinical cases, revision surgery and management of complications - Richard Harvey, Islam Herzallah

03:30 - 04:15 pm .......... Anaesthesia, Bleeding prevention & Post-op care – Richard Harvey & Islam Herzallah

04:15 - 05:00 pm .......... Ask the Faculty

05:00 pm ..................... Close