

NYC



MISS

20
24

Och Spine at NewYork-Presbyterian/Weill Cornell Medical Center

**In person,
hands-on!**

Weill Cornell Medicine
1300 York Avenue
New York, NY 10065

Acquire hands-on
experience using
state-of-the-art
training models

Master complex,
advanced techniques
from world leaders

Understand the
technical demands
of minimally invasive
tubular surgery using
virtual reality

Summer Master Class

An immersive intensive course in
minimally invasive spine surgery

August 16-17, 2024

COURSE DIRECTORS



Roger Härtl, MD

Hansen-MacDonald Professor of
Neurological Surgery, Weill Cornell Medicine
Director, Och Spine at NewYork-Presbyterian
at the Weill Cornell Medicine Center for
Comprehensive Spine Care



Ibrahim Hussain, MD

Assistant Professor, Neurosurgery
Och Spine at NewYork-Presbyterian/
Weill Cornell Medical Center

DAY 1

Friday, August 16, 2024

Lectures, Discussion, Case Presentations

STARR CONFERENCE ROOM, 6TH FLOOR

| Time | Topic | Faculty |
|--------------|---------------------------|---------------------|
| 3:00-3:10 pm | Welcome and Introductions | Roger Härtl, MD |
| 3:10-3:30 pm | ULBD Lumbar | Galal Elsayed, MD |
| 3:30-4:00 pm | ULBD Cervical | Roger Härtl, MD |
| 4:00-4:30 pm | Lumbar Far Lateral | Ibrahim Hussain, MD |
| 4:30-5:00 pm | Cervical Foraminotomy | Ibrahim Hussain, MD |
| 5:00-5:30 pm | Dural Repair and Closure | Roger Härtl, MD |
| 5:30-6:00 pm | Tubes vs Endoscope | Osama Kashlan, MD |

DAY 2

Saturday, August 17, 2024

Hands-On Lab Class

NEUROSURGICAL INNOVATIONS AND TRAINING CENTER, 8TH FLOOR

| | |
|----------------|---|
| 7:30-8:00 am | Continental Breakfast (Starr conference room) |
| 8:00-9:15 am | Group A: station 1, Group B: station 2, Group C: station 3, Group D: station 4, Group E: station 5, Group F: VR |
| 9:15-10:30 am | Each group rotates to next station (A to 2, etc.) |
| 10:30-11:45 am | Rotate to next station (A to 3, etc.) |
| 12:00-12:45 pm | Lunch (return to Starr 651) |
| 1:00-2:15 pm | Continue rotation (A to 4, etc.) |
| 2:15-3:30 pm | Continue rotation (A to 5, etc.) |
| 3:30-4:45 pm | Continue rotation (A to VR, etc.) |
| 4:45-5:00 pm | Wrap-up and Adjourning |

The lab has five workstations plus space for virtual reality training. Each participant will be assigned to one of six groups for rotation through five stations.

Station 1: ULBD (Lumbar)

Station 2: Lumbar Far Lateral Discectomy

Station 3: ULBD (Cervical)

Station 4: Cervical Foraminotomy

Station 5: CSF Leak Repair

Plus... Virtual reality training area

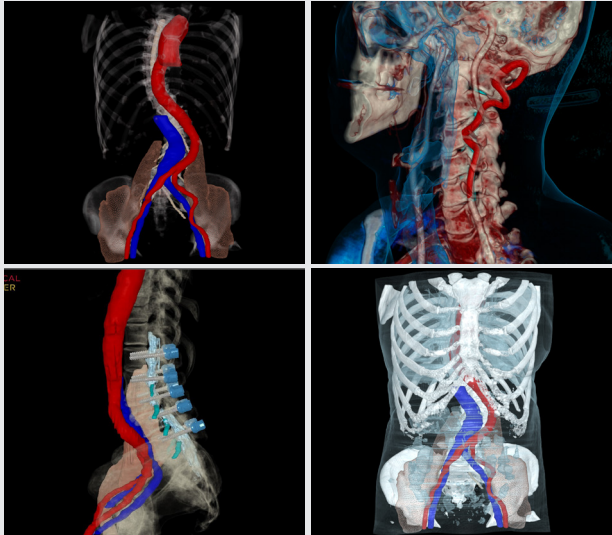
About the Course

Microscopes and tubular retractors have become common in spine surgery as they offer a lower-risk, minimally invasive option for many procedures. Virtual reality-assisted teaching is entering the market quickly. This course offers important access to both: A small class of just 18 students will learn tubular approaches, using VR to facilitate training, in an exciting extension of the world-famous NYC-MISS course held every December.

This Summer Master Class will provide intensive, in-depth training, using real microsurgical tools and instruments, under the supervision of experts in the field. You will be working on advanced RealSpine simulation models using VR technology in the high-tech Weill Cornell Medicine Neurosurgical Innovations and Training Center.

Strictly limited to 18 participants, the course assures everyone plenty of hands-on time. All participants will have the opportunity to perform each procedure. One rotation for each group will use virtual reality headsets.

CONDUCT A VIRTUAL DISSECTION



Courtesy Surgical Theater

Note: This summer master class is not accredited for CME. The 1.5-day course includes online material, 3 hours of classroom instruction plus a full day in our state-of-the-art Neurosurgical Innovations and Training Center.

Did you ever wonder...

- How to achieve a complete “over the top” decompression and contralateral foraminalotomy through an ipsilateral lumbar tubular approach?
- How to get to that far lateral disc herniation in the lumbar spine?
- How to perform safely and effectively a tubular MIS cervical bilateral decompression or foraminotomy in the cervical spine?
- How do masters fix CSF leaks through small tubes?

Now is your chance to learn all the tips and tricks from surgeons who are masters in the field!

Target Audience:

National/
International

Designed for residents, fellows, early-career orthopedic surgeons and neurosurgeons, as well as more advanced spine specialists who would like to gain microscopic and tubular experience using VR headsets.

nyc-miss.org

Join us for an innovative Summer Master Class!

Strictly limited to 18 participants, the course assures everyone will have plenty of hands-on time. All participants will have the opportunity to perform each procedure. One rotation will feature training on virtual reality headsets.

The 1.5-day course includes online material, 3 hours of classroom instruction, plus a full day in our state-of-the-art Neurosurgical Innovations and Training Center.

Note: This summer master class is not accredited for CME.

Fees and Registration

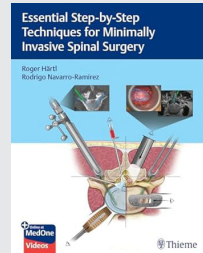
Lecture + Hands-on Lab Course

Premium Registration: \$795 | Basic Registration: \$650

Fee includes:

- Pre-course online material
- 3 hours of classroom instruction
- 1 full day of hands-on training in our state-of-the-art Neurosurgical Innovations Center

Premium Registration includes Dr. Härtl's recent book, "Essential Step-by-Step Techniques for Minimally Invasive Spinal Surgery," which he will personally sign at the course.



Register online: nyc-miss.org

Or email neurosurgery-subs@med.cornell.edu for other registration options. All registrations must be paid in advance.

Refund Policy: A fee will be retained on all cancellations. Refund requests must be in writing and must be received by July 15, 2024. After this date, no refunds are possible. **Please note this course is NOT available online; there is no streaming option.**

**Save the Date for NYC-MISS 2024!
December 13-14, 2024**

Scan this code to sign up for our course mailing list. We'll notify you about upcoming courses as they open for registration.

