

Weill Cornell Medical College
1300 York Avenue, New York, NY 10065

Weill Cornell Medicine NewYork-Presbyterian

NYC



MISS 2023

Summer Master Class: Tubular Intensive Hands-on Lab Course With VR

nyc-miss.org

AUGUST 25-26, 2023

In person, hands-on!



Second year in a row!



An Immersive Spine Intensive Summer Master Class

COURSE DIRECTORS



Roger Härtl, MD

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



Ibrahim Hussain, MD

NewYork-Presbyterian Weill Cornell Medicine
Assistant Professor, Neurosurgery

GUEST FACULTY



Kevin Foley, MD

Professor of Neurosurgery, Orthopaedic
Surgery, and Biomedical Engineering
University of Tennessee Health Science Center,
Semmes-Murphey Clinic

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

Learn complex, advanced techniques from world leaders in the field

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



Weill Cornell Medicine
Center for Comprehensive Spine Care

Join us for an innovative Summer Master Class! Strictly limited to 15 participants, the course assures everyone will have plenty of hands-on time. Every participant will have the opportunity to perform each procedure taught, with one rotation on each procedure assisted by virtual reality headsets and software. The 1.5-day course includes online material, 3 hours of classroom instruction, plus 8 hours in our state-of-the-art Neurosurgical Innovations and Training Center.

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

QUESTIONS? email neurosurgery-cme@med.cornell.edu

Weill Cornell Medicine Neurosurgical Innovations and
Training Center for Skull Base and Microneurosurgery

1300 York Avenue
New York, NY 10065

Visit nyc-miss.org

DAY 1: Friday, August 25, 2023

Lectures, Discussion, Case Presentations (**STARR conference room 6th floor**)

Time	Topic	Faculty
3:00-3:10 pm	Coffee and Introductions	Roger Härtl, MD
3:10-3:30 pm	Tubular Tips and Tricks from the Master	Kevin Foley, MD
3:30-4:00 pm	ULBD Cervical and Lumbar	Roger Härtl, MD
4:00-4:30 pm	Lumbar Far Lateral	Michael Virk, MD, PhD
4:30-5:00 pm	Cervical Foraminotomy	Ibrahim Hussain, MD
5:00-5:30 pm	Dural Repair and Closure	Lynn McGrath, Jr., MD
5:30-6:00 pm	Case Discussions	All

DAY 2: Saturday, August 26, 2023

Real Spine Dissection (Neurosurgical Innovations and Training Center, 8th floor)

Lab has 5 workstations; maximum 3 per workstation; everyone will have hands-on time

7:30-8:00 am	Continental Breakfast (STARR conference room)	
8:00-10:00 am	ULBD (Lumbar and Durastat)	All
10:00-12:00 pm	Lumbar Far Lateral Discectomy	All
12:00-1:00 pm	Lunch Break (STARR conference room)	All
1:00-3:00 pm	Cervical Foraminotomy	All
3:00-5:00 pm	ULBD (Cervical)	All

SIGN UP TO BE NOTIFIED OF OUR 2023 COURSE! VISIT NYC-MISS.ORG

FEES AND REGISTRATION

Lecture Series + Hands-on Laboratory Course: **\$500.00**

Fee includes:

- pre-course online material
- 3 hours of classroom instruction
- 8 hours hands-on training in our state-of-the-art Neurosurgical Innovations Center

REGISTER ONLINE: nyc-miss.org

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

REFUND POLICY: An administrative fee of \$50 will be retained on all cancellations. All refund requests must be in writing and must be postmarked by August 11, 2023. After this date, no refunds are possible.

Please note this course is **NOT** available online; there is no streaming option.

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 15 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.

Did you ever wonder...

- how to achieve a complete "over the top" decompression and contralateral foraminotomy 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!

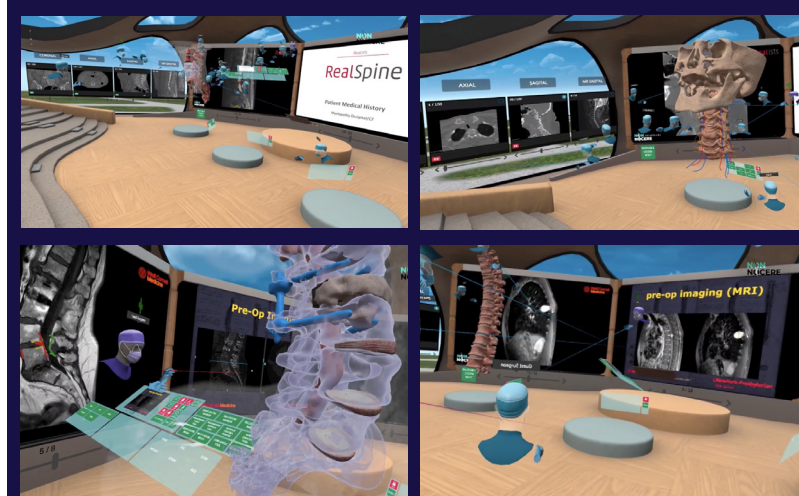
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TARGET AUDIENCE: NATIONAL/INTERNATIONAL

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.

CONDUCT A VIRTUAL REALSPINE DISSECTION



The 6 T's of Minimally Invasive Spine Surgery

Target: appropriate patient and procedure selection

Technology: specialized technology that enables or facilitates MISS

Technique: surgical skills and perioperative techniques and procedures

Training: adequate training and teaching of the surgeon and collaborating team and trainees

Testing: critical review and testing of surgical outcomes (research)

Talent: development of surgical talent

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New York, NY 10065

Weill Cornell Medicine
Neurosurgical Innovations and
Training Center for Skull Base
and Microneurosurgery

Lab on 8th Floor

C.V. Starr Pavilion

Conference Room Starr 657

Looking forward to NYC-MISS 2023!

December 14-16

Parking and Hotels

Greenberg Pavilion Garage

1305 York Ave, New York, NY 10021

Helmsley Medical Tower Garage

507 E 70th St. New York, NY 10021

Courtyard New York Upper East Side

410 E 92nd St, New York, NY 10128

The Gardens Sonesta ES Suites New York

215 E 64th St, New York, NY 10065



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