



**NATIONAL
PHYSICIAN
EDUCATION SERIES**

Minimally Invasive Parafascicular Surgery (MIPS) *A Deficit-Sparing Approach*

MIPS Education Program and Hands-on Skills

LIVE In-Person Education Event

Thursday April 20th, 2023 - Los Angeles, CA

8:00am - 3:00pm (Pacific)

COURSE OVERVIEW

Managing subcortical abnormalities has historically posed a difficult challenge for neurosurgeons, as minimally disruptive access has been limited. However, modern advancements in neurosurgical technology and refined surgical techniques over the past decade now allow for more surgically appropriate intervention, an increase in surgical efficiencies, and consistency in improved clinical outcomes as compared to historical measures. This course describes, through evidence-based medicine and personal surgeon experience, how MIPS impacts both patients and physicians.

Meta-Analysis on MIPS Data Suggests¹

- ☑ MIPS technologies reduce parenchymal injury as compared to traditional retraction
- ☑ Lower surgical morbidity and post-operative complications as compared to traditional retraction
- ☑ Consistency in clinical outcomes for tumor resection across studies
- ☑ An economic impact through shorter hospital stays, as noted in several studies

Peer-to-peer education is key, as neurosurgeons with extensive MIPS experience share why and how they changed their practice. New technologies will be introduced, with an emphasis on procedural efficiencies such as navigable trans-sulcal access, automated resection with reduced need for instrument exchange, and automated tissue collection with biological preservation. An evidence-based overview of disease state applications and published clinical outcome will follow. Finally, tips on how to shorten the learning curve to MIPS will be discussed ahead of an open Q&A session.

Following morning lectures, a hands-on skills lab will allow attendees technique experience will be conducted at your institution to assist you in the implementation of MIPS to your practice.

¹Mansour et al, <https://dx.doi.org/10.1016/j.wneu.2019.08.218>

PROGRAM VENUE & TRAVEL

Reimbursement for Airfare

Up to \$500 Coach Round-Trip
with Provided Receipt



Los Angeles Airport Marriott Hotel

5855 W Century Boulevard
Los Angeles, CA 90045

Full Travel and Accommodations Information on Program Registration Page

Register Here!

NO COST TO ATTEND

Click or Scan

Questions?

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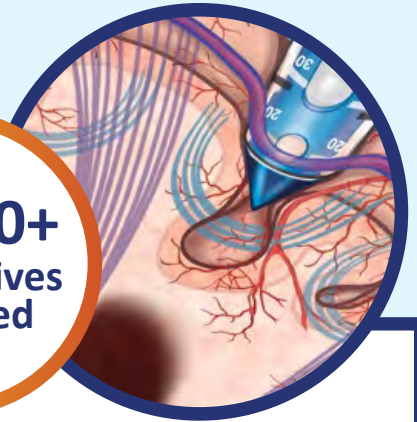
ADVANCING EDUCATION

1,000+
Physicians
Trained

250+
MIPS
Institutions

100+
Publications
& Abstracts

30,000+
Patient Lives
Impacted



Evidence-Based Lectures: Part I

- Review principles of efficient and effective minimally disruptive techniques based on enhanced respect for fascicular anatomy and common corridors
- Build awareness on increasing evidence for MIPS in various applications including:
 - *Primary and Secondary Tumor*
 - *Biopsy*
 - *Intracerebral Hemorrhage*
 - *Automated Tissue Collection & Preservation*
- Gauge the potential clinical and economic impact for you, your patients, and your institution

Hands-on Skills Lab: Part II

- Increase familiarity with technologies utilized in MIPS and the OR set-up
- Evaluate OR efficiencies related to MIPS from an expert technology provider team
- Enhance understanding of how to address key challenges associated with subcortical surgical intervention such as:
 - Controlling hemostasis
 - Uniform delivery of light & tissue differentiation
 - Bi-manual, microsurgical techniques through a narrow corridor

Welcome & Speaker Introduction

Introduction to MIPS

Challenges of Subcortical Surgery
An Integrated Systems Approach

Fascicular Anatomy Review

Common Corridors
Why Transsulcal & Parafascicular
DTI and DWI Pre-Surgical Planning
Major White Matter Tract Considerations

Expanding Evidence & Clinical Experience

Surgical Intervention for ICH Removal
Primary & Secondary Tumor Resection
Brain Biopsy
Automated Tissue Collection & Preservation

Economic Impact of MIPS

Patient Selection & Technical Case Review

Next Steps for Implementing MIPS

Hands-on Skills Lab

**Attendance
Certificates Available**



Questions? Contact medical_education@NICOneuro.com

*Considering your first
MIPS case?*

Click to Submit a Case

LIVE Course Case Review

*Is MIPS right for
your practice?*