Minimally Invasive Approaches to the Subcortical Space: Principles and Applications
Sponsored by the Subcortical Surgery Group

COURSE OVERVIEW
Managing tumors and intracerebral hemorrhages has historically posed a difficult challenge for neurosurgeons. This course aims to provide an open forum to discuss potential solutions to some of these challenges. Can disruption of surrounding healthy tissue be minimized when accessing deep abnormalities? How can visualization be maximized through a narrow corridor? Is bi-manual technique applicable in minimally invasive approaches? What lessons can be learned surrounding hemostasis management in an air-medium while operating in the subcortical space? These and more will be addressed by faculty over the course of the one-day training, including current evidence on clinical and economical outcomes. New technologies will be introduced as part of an efficient, integrated, systems approach and two hands-on skills labs will provide same-day experience with the methods and technologies reviewed. The need for solutions to managing subcortical disease is at the forefront of this training aimed to provide surgeons an overview of alternative methods for addressing these challenges. Registration is limited to 36 attendees.

OBJECTIVES
• Assess fundamentals of a microsurgical, bi-manual technique and apply these concepts during hands-on lab sessions for both tumor and intracerebral hemorrhage
• Review principles of minimally disruptive techniques based on fascicular anatomy and common corridors
• Evaluate and integrate technological platforms for addressing the challenges associated with management of subcortical abnormalities, including controlling hemostasis and effectively delivering optics and light for increased visualization
• Analyze the potential effectiveness of using the integrated subcortical systems approach through review of clinical evidence and discussion of real experiences at leading institutions
• Gauge the potential clinical and economic impact at your facility

COMPREHENSIVE 2-1/2 DAY EVENT
BrainPath Approach Course Training & Neurorsurgeon Lab
Thursday, July 7 • 7:00 am - 5:00 pm
St Julien • Boulder, CO

3rd Annual Meeting of the Subcortical Surgery Group
Friday, July 8 • 8:00 am - 5:00 pm
Saturday, July 9 • 8:00 am - Noon
St Julien • Boulder, CO

FACULTY

Gabriel Zada, MD, MS, FAANS
Assistant Professor, Neurological Surgery
USC School of Medicine
Director of Keck USC Endoscopic Skull Base Surgery Program

Ronald Young II, MD
Neurosurgeon
St. Vincent Hospital Indianapolis
Goodman Campbell Brain & Spine

Gustavo Pradilla, MD
Assistant Professor of Neurosurgery
Emory University School of Medicine
Chief of Neurosurgery Service
Marcus Stroke & Neuroscience Center
Grady Health System
COURSE AGENDA

7:00 am - 7:30 am  Registration and Breakfast

7:35 am - 8:00 am  Overview: A Systems Approach for Subcortical Abnormalities
                    What is the Approach and Integration of New Technologies

8:00 am - 9:00 am  Principles of a Systems Approach for Tumors and Lesions
                    Addressing Challenges of Microsurgery Experience at Institutions

9:15 am - 9:45 am  Fascicular Anatomy and Common Corridors for Tumors

9:45 am - 10:00 am Lab Overview: Demonstration and Learning Objectives Discussion

10:00 am - 11:30 am Tumor Skills Lab

11:30 am - 12:00 pm LUNCH

12:00 pm - 1:00 pm  Principles of a Systems Approach for Intracerebral Hemorrhage
                    Methods for ICH Management: Current Standards and Clinical Trials
                    Experience at Institutions

1:00 pm - 2:15 pm  Tips and Techniques, Lessons Learned, and Patient Selection
                    Common Corridors for ICH Hemostasis Management

2:15 pm - 3:00 pm  Healthcare Economics of a Systems Approach for
                    Subcortical Abnormalities

3:15 pm - 3:30 pm  Lab Overview: Demonstration and Learning Objectives Discussion

3:30 pm - 5:00 pm  ICH Skills Lab

5:00 pm  Closing Remarks and Adjournment

Sample Scans Using the Systems Approach for Subcortical Surgery

Intracerebral Hemorrhage Images

left pre-op image  left post-op image

take home pre-op image
take home post-op image

Left Parietal Tumor Images

The systems approach for subcortical abnormalities course is part of a comprehensive 2-1/2 day event that precedes the 3rd Annual Meeting of the Subcortical Surgery Group.

If you are attending the course, you are automatically registered for the SSG Annual Meeting held at the same location.

We look forward to you joining us on July 8 from 8 a.m. to 5 p.m. and July 9 from 8 a.m. to noon. The agenda and featured speakers will be announced in March.

www.SubcorticalSurgery.com

REGISTRATION
To register online, visit:
http://www.etouches.com/ssgonedaycourseandannualmeeting
To register via your smartphone, scan the QR Code.

REGISTER TODAY!

QUESTIONS
If you have any questions, please contact:
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