Introduction to Minimally Invasive Subcortical Neurosurgery: Concepts of a Systems Approach

Sponsored by the Subcortical Surgery Group
August 16 – 18, 2018
Boulder, CO

COMPREHENSIVE 2-1/2 DAY EVENT

One Day Course — Introduction to Minimally Invasive Subcortical Neurosurgery: Concepts of a Systems Approach
Thursday, August 16 • 7:30 am - 4:00 pm
St Julien Hotel • Boulder, CO

5th Annual Meeting of the Subcortical Surgery Group
Friday, August 17 • 7:15 am - 4:00 pm
Saturday, August 18 • 7:15 am - Noon
St Julien Hotel • Boulder, CO

ONE DAY COURSE OVERVIEW

Managing subcortical abnormalities has historically posed a difficult challenge for neurosurgeons as non-disruptive access has been limited. This course provides an open forum to discuss evidence-based solutions to this challenge and others.

- Can disruption of surrounding healthy tissue be minimized when accessing deep lesions without compromising extent of resection?
- Are bi-manual and automated resection techniques applicable in minimally disruptive approaches?
- Which lessons can be learned surrounding hemostasis management in an air medium while operating in the subcortical space?
- What possibilities exist for personalized medicine through the collection and preservation of tissue samples?

These questions and more will be addressed by faculty over the course of the one-day training, including current evidence on clinical and economical outcomes. Various technologies will be introduced as part of an efficient, integrated, systems approach, and a hands-on skills lab 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 new integrated methods for addressing these challenges.

OBJECTIVES

- Assess fundamentals of a microsurgical, automated, integrative bi-manual technique and apply these concepts through hands-on lab experience
- 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 lesions, including controlling hemostasis and effectively visualizing the abnormality pre-, intra-, and post-operatively
- Analyze the potential effectiveness of the integrated subcortical systems approach through review of clinical evidence and discussion of real experiences at leading institutions practicing the approach
- Gauge the potential clinical and economic impact at your facility

FACULTY

Gustavo Pradilla, MD
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ONE DAY COURSE AGENDA

Thursday, August 16, 2018

7:30 a.m. Registration & Breakfast
8:00 a.m. Welcome and Housekeeping
8:05 a.m. Overview – A Systems Approach for Subcortical Abnormalities
8:30 a.m. Fascicular Anatomy and Common Corridors for Subcortical Abnormalities
9:00 a.m. BREAK
9:15 a.m. Principles of a Systems Approach for Tumors & Lesions
10:00 a.m. Lab Overview – Demonstration and Learning Objectives
10:15 a.m. Tumor Skills Lab
11:45 a.m. LUNCH
12:30 p.m. Principles of a Systems Approach for Intracerebral Hemorrhage
1:00 p.m. Tips and Techniques, Lessons Learned, and Patient Selection
1:45 p.m. BREAK
2:00 p.m. Economic Impact: Value of the Systems Approach
2:15 p.m. Lab Overview – Demonstration and Learning Objectives
2:30 p.m. ICH Skills Lab
4:00 p.m. Course Conclusion

The course, Introduction to Minimally Invasive Subcortical Neurosurgery: Concepts of a Systems Approach, is part of a comprehensive 2-1/2 day event that precedes the 5th Annual Meeting of the Subcortical Surgery Group.

If you are attending the one day course on August 16, you are automatically registered for the SSG Annual Meeting held at the same location on August 17 & 18.

Sample Scans Using the Systems Approach for Subcortical Surgery

Left-Sided ICH

Right Cerebellar Metastasis

REGISTRATION
Limited to 36 registrants
To register online, click the register button or visit:
https://www.etouches.com/2018SSGCourseandMeeting
Tuition is waived for this course as part of the SSG Annual Meeting.

QUESTIONS
If you have any questions, please contact:
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