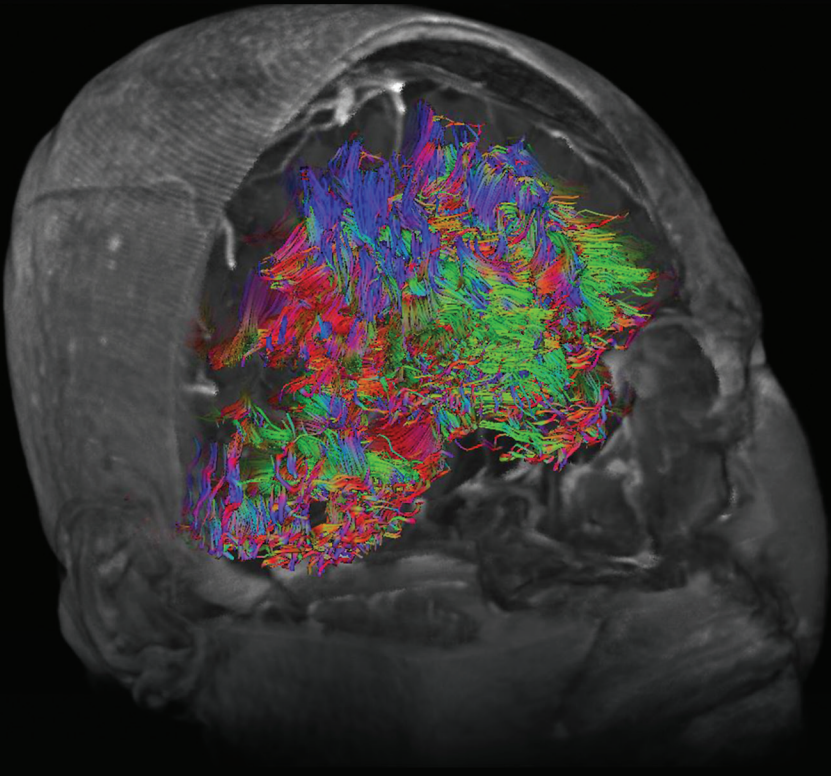


The 6 Pillar Approach

for Comprehensive Management of Subcortical Lesions

March 6 - 7, 2015



Sheraton Atlanta Hotel

165 Courtland Street NE • Atlanta, Georgia

March 6, 2015 from 7:00 am – 5:15 pm

March 7, 2015 from 7:30 am – 12:00 pm

Description

The 6 Pillar Approach is the result of a recent convergence of technologies to manage abnormalities affecting the intraaxial subcortical white matter space. This confluence of technologies has led to the development of minimally invasive strategies via progressively smaller surgical corridors to reach and treat abnormalities in a targeted manner. Integration of these technologies is driven by a need to establish clinical and economic value in the delivery of precise, targeted treatment in an efficient manner. This value is articulated through *Surgical Biometrics*. A recorded surgical demonstration of **The 6 Pillar Approach** for **parafascicular** surgery of the white matter will be shown, and participants may interact with the surgeons and other members of the faculty.

The course features a hands-on simulation lab session.

Target audience: Neurosurgeons, neuroradiologists and neurologists interested in developing further knowledge of subcortical intraaxial space and white matter tractography, surgical biometrics and resource optimization.

Course Directors

Amin B. Kassam, MD, FRCS(c)

*Chairman, Department of Neurosurgery
Aurora Medical Group
Vice President of Neurosciences
Medical Director, Neurosurgery
Aurora St. Luke's Medical Center
Milwaukee, Wisconsin*

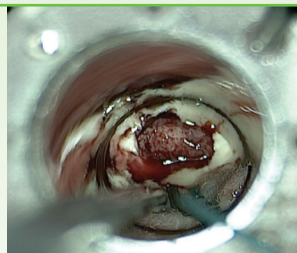
Gustavo Pradilla, MD

*Assistant Professor
Department of Neurological Surgery
Emory University School of Medicine
Chief of Neurosurgery Service
Grady Memorial Hospital
Director
Cerebrovascular Research Laboratory
Atlanta, Georgia*

Objectives

At the conclusion of the course, participants should be able to:

- Appraise and integrate the evolving technology platforms of white matter fascicular image interpretation, trajectory planning and subcortical anatomy.
- Assess principles and techniques of optimum cannulation pathways – **Parafascicular Surgery**.
- Analyze the advantages (depth of field and tissue differentiation) of the Exoscope.
- Apply the techniques of automation to improve performance curves and efficiency during resection phase for both MIS and conventional craniotomy corridors.
- Apply techniques to optimize tissue capture and viability.
- Examine the current immune-targeted molecular treatments available and the potential ability to deliver these in situ – “The 6th Pillar.”
- Examine the limitations of corridor brain port approaches.
- Interpret the value of the 6 Pillar parafascicular approach in comparison to other forms of surgical interventions.
- Examine the efficiency factors that impact Surgical Biometrics analysis.



Accreditation



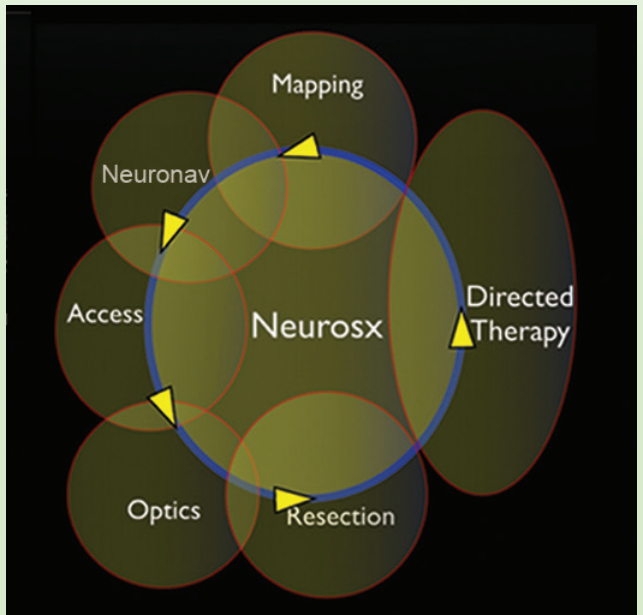
In support of improving patient care, Creative Educational Concepts, Inc. (CEC) is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), to provide continuing education for the healthcare team.

CEC designates this live educational activity for a maximum of *15 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Acknowledgement

This course is supported in part by educational grants from the following companies at press time:

- Hitachi Aloka Medical, Ltd.
- KARL STORZ Endoscopy-America
- KLS Martin Group
- NICO Corporation
- Synaptive Medical Inc.



Agenda

Friday, March 6

7:00 am-7:15 am
7:15 am-7:30 am
7:30 am-9:00 am

Registration and Breakfast
Welcome and Housekeeping
Overview – A Systems Approach: Principles of Integrating the 6 Pillars for Parafascicular Approach for White Matter Minimally Invasive Subcortical Surgery
a. Image Interpretation
b. Dynamic White Matter Navigation
c. Atraumatic Access

9:00 am-10:30 am

Principles of Image Interpretation:
a. Physics of Diffusion Weighted Imaging
b. Clinical Applications of Diffusion Weighted Tumor Detection
c. Physics of Diffusion Tensor Imaging
d. Clinical Applications of Diffusion Tensor Imaging

10:30 am-10:45 am
10:45 am-11:30 am

Break
Surgical Applicable Scaffold for White Matter Anatomy: An Anatomic Substrate for Surgical Corridors and Access

11:30 am-12:00 pm
12:00 pm-12:30 pm
12:30 pm-1:00 pm

Principles of Access and Cannulation
Lunch
Simulation:

- Real-Time Volumetric 3D Simulation and Integrated Trajectory Planning and Navigation
- Segmentation/Scaffolding White Matter Anatomy

1:00 pm-2:30 pm
2:30 pm-4:30 pm

Lab 1: Hands-On Volumetric Software White Matter Planning

Lab 2: Skills Lab:

- Access/Cannulation
- Optics
- Automated Global Position Systems
- Automated Resection Techniques

4:30 pm-5:15 pm

Regenerative Medicine and Tissue Harvest Preservation – Primer on Existing Pharmacotherapy and Progenitor/Stem Cell Therapy

5:15 pm

End of Day 1

7:00 pm-10:30 pm

Course Dinner

Saturday, March 7

7:30 am-8:00 am
8:00 am-8:30 am
8:30 am-9:00 am

Breakfast
White Matter Anatomic Review
Intracerebral Hemorrhage and the Role of Surgical Management: MiSPACE Trial

9:00 am-9:45 am

Surgical Biometrics: Principles of Value Added Analysis & Hospital Efficiency/Patient Flow

9:45 am-10:15 am

Outcomes/Complications/First Case Selection Matrix

10:15 am-10:30 am
10:30 am-12:00 pm
12:00 pm

Anesthesia for Awake Craniotomies

Lab 3: Hands on Advanced Volumetric White Matter Planning and Simulation

Course Adjourns

12:00 pm-2:00 pm

Optional Lab 4: Skills Lab (Please RSVP for this session if you wish to stay for the additional lab time)

Hotel Reservations

A block of rooms has been reserved at:

Sheraton Atlanta Hotel

165 Courtland Street NE • Atlanta, Georgia

Call 800-833-8624 and mention the "6 Pillar Course" to get a special rate of \$179 per night, plus taxes. Cutoff date to get the special rate is February 3, 2015.

Tuition: \$995 • **Attire:** Business Casual



Send completed enrollment form to: **Academic Event Management**

ONLINE
www.academiceventmanagement.com

FAX
805.494.1103

PHONE
805.300.9154
MAIL
1396 Rancho Lane
Thousand Oaks, CA 91362



The 6 Pillar Approach

March 6 - 7, 2015

for Comprehensive Management of Subcortical Lesions

Yes, I would like to attend the optional lab on March 7th 12:00 pm-2:00 pm

Space is limited! Please print clearly.

SPECIALTY _____ DEGREE _____ HOSPITAL AFFILIATION _____

NAME (FIRST, MIDDLE, LAST) _____

ADDRESS _____

CITY _____ PROVINCE/STATE _____ POSTAL/ZIP CODE _____

(AREA CODE) BUSINESS PHONE _____ (AREA CODE) BUSINESS FAX _____

EMAIL _____

DIETARY RESTRICTIONS _____

PAYMENT

Check enclosed payable to: Academic Event Management
 Visa MasterCard Discover American Express

CARD NUMBER _____ EXPIRATION _____

SIGNATURE _____

In accordance with the Americans with Disabilities Act, Academic Event Management seeks to make sure this conference is accessible to all. If you have a disability that might require special accommodations, please contact Pat Fitzwater at 805-300-9154.