

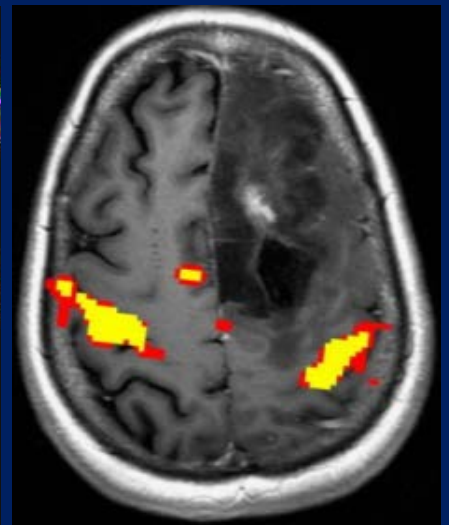
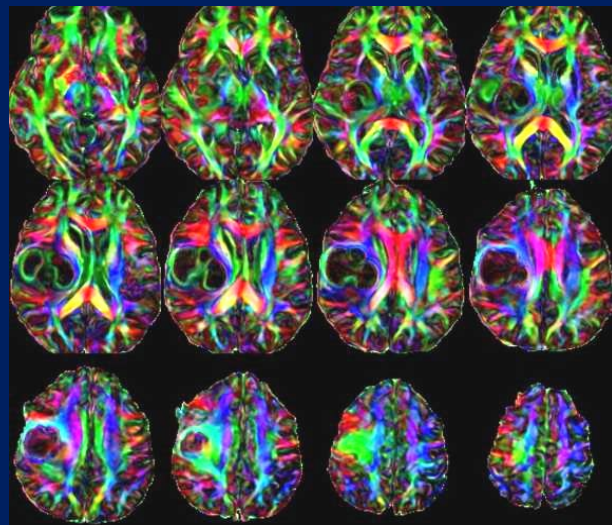
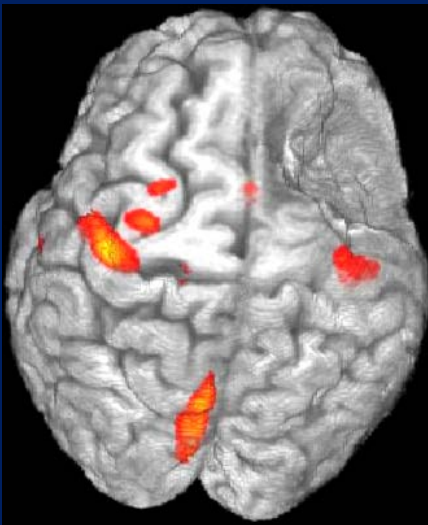


Hands-on Clinical fMRI and Diffusion Tractography

May 28-30, 2019

23.5 CME and 3 SAM credits

Course Director: Andrei I. Holodny, M.D.



For further information:
Andrei Holodny, MD
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<http://www.fmri-course.com>

Conference Location
Belfer Research Building
Weill Medical College of Cornell University
69th Street and York Avenue
New York, NY 10065

Course Overview

During most MRI procedures, there is no need for interaction between the administrator of the test and the patient. The situation is quite the opposite in functional MRI (fMRI), where the neurological status of the patient must be assessed; an appropriate paradigm must be selected based on the neurological assessment and prior MRI examinations. Further, the paradigm must be delivered to and successfully performed by the patient while in the MRI machine. In addition, there is a rather complicated analysis of the fMRI and diffusion tractography data, which must be performed and assessed. How to properly perform these tasks is often not addressed during residency and fellowship training or in annual scientific society meetings.

Target Audience

Clinicians involved in fMRI, including neuroradiologists, neurosurgeons and neurologists.

Educational Objectives

Understand the fundamental principles behind fMRI and diffusion tractography
Choose the optimal fMRI paradigms appropriate for the patient and clinical situation
Deliver fMRI paradigms correctly and monitor the patient for adequate compliance
Hands on experience so that the attendee will be able to analyze fMRI and diffusion tractography
Understand how data is delivered to a neurosurgical navigational system and used by the neurosurgeon
Avoid pitfalls in the interpretation of clinical fMRI and diffusion tractography
Optimize fMRI billing and coding

Accreditation Statement:

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the International Institute for Continuing Medical Education, Inc. and fMRI Consultants LLC. The International Institute for Continuing Medical Education Inc. is accredited by the ACCME to provide continuing medical education for physicians.

Designation Statement:

The International Institute for Continuing Medical Education, Inc. designates this live activity for a maximum of 24 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Faculty Disclosure:

It is the policy of the International Institute for Continuing Medical Education, Inc. to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support to CME activities. All faculty participants in iicME programs are required to disclose to the program audience any real or apparent conflict(s) of interest related to this meeting or its content. Faculty disclosure forms are included in the course syllabus for participating review. In addition, faculty disclosure will be made at the beginning of each lecture.

Course Director

Andrei I. Holodny, MD

Chief of Neuroradiology and Director of the fMRI Laboratory
Memorial Sloan-Kettering Cancer Center
Professor of Radiology, Weill Cornell Medical College
Founding President of the ASFNR

Course Co-Director

Douglas Ballon, PhD

Professor of Medical Physics
Weill Cornell Medical College

Faculty

Cameron Brennan, MD

Attending Neurosurgeon, Memorial Sloan-Kettering Cancer Center
Assistant Professor of Neurosurgery, Weill Cornell Medical College

Robert Young, MD

Attending Neuroradiologist, Memorial Sloan-Kettering Cancer Center
Associate Professor of Radiology, Weill Cornell Medical College

A John Tsiouris, MD

Associate Professor of Clinical Radiology
Weill Cornell Medical College

Kyung Peck, PhD

Associate Professor, Chief Physicist, fMRI Laboratory
Memorial Sloan-Kettering Cancer Center

Rebecca Jones, Ph.D

Assistant Professor of Neuroscience in Psychiatry
Weill Cornell Medical College/NY Presbyterian Hospital
Center for Autism and the Developing Brain

Timothy Shepherd, MD, PhD

Assistant Professor of Radiology, Director of Brain Mapping
New York University Medical Center

Nicole Brennan, MA

Neurodiagnostic fMRI Specialist, fMRI Laboratory
Memorial Sloan-Kettering Cancer Center

Scientific Agenda

| time | May 28 Tuesday | |
|-------------|----------------------------|------------|
| 8 | Introduction to fMRI | A. Holodny |
| 9:30 | Patient preparation | N. Brennan |
| 10:00 | Functional brain anatomy | A. Holodny |
| 11:00 | White matter tract anatomy | R. Young |
| 11:30 | fMRI paradigm design | N. Brennan |
| 1 | Lunch | |
| 2 | fMRI hardware | K. Peck |
| 3-5 | fMRI at the scanner | N. Brennan |

| | May 29 Wednesday | |
|-------|------------------------------|-------------|
| 8 | Methods of analysis | K. Peck |
| 9:15 | Diffusion tractography | R. Young |
| 10:30 | Fact/artifact | A. Holodny |
| 11:30 | fMRI in seizure disorder | T. Shepherd |
| 12:30 | Case review | T. Shepherd |
| 1 | Lunch | |
| 2-5 | practical fMRI data analysis | |

| | May 30 Thursday | |
|-------|---------------------------------|---------------|
| 8:00 | Pediatric fMRI | R. Jones |
| 9:00 | Traumatic brain injury | A.J. Tsiouris |
| 10 | Neurosurgical applications-fMRI | C. Brennan |
| 11:30 | Case review and SAM | R. Young |
| 1 | Lunch | |
| 2 | Case review | N. Brennan |
| 3 | Resting State fMRI | A. Holodny |
| 3:30 | Coding and billing | A. Holodny |
| 4 | Questions and answers | Faculty |
| 4:30 | course ends | |

Registration

Registration Fee is \$2000. Registration is limited to enhance the individualized attention from the faculty and hands-on experience, so please register as soon as possible.

Two options to register and pay:

Registration and Pay by Check:

Please complete the form below and return by fax (917-432-2345) or e-mail fmri.ah@gmail.com

Last Name First Name MI Highest Degree
Department (include box no.)
Institution
Street
City State/Foreign Country Zip or Mail Code
E-mail address
Daytime Phone (with area code)
Fax (with area code)

Fees: \$2000

Please make check payable to:

fMRI Consultants LLC
63 Prospect Street
Demarest, NJ 07627-1023

Registration and Pay by PayPal:

Go to: <http://www.fmri-course.com/apps/webstore/products/show/6595902>

Or go to our webpage: <http://www.fmri-course.com/>

For further information please contact:

Andrei Holodny, MD
fmri.ah@gmail.com

Full refunds, less \$200 administrative fee, will be granted to those providing written notification of withdrawal with at least 30 days notice. After that date, no refunds will be given.

Course Hotel

We have been able to secure reduced rates at the:

BENTLEY HOTEL

500 EAST 62ND STREET, NEW YORK NY 10065

PHONE: 212.644.6000 | FAX: 212.207.4800

Rate for Superior King \$259.00 plus tax per night. This is at a substantial discount. Plus: welcome amenities upon arrival, 24-hour fitness center and complimentary Wi-Fi.

<https://book.bentleyhotelnyc.com/booking/en/choose-room/New-York/2019-05-28/2019-05-30/XFMR052819/BEN/Bentley-Hotel>

Or you can call the reservations team at [855.779.0220](tel:855.779.0220). Please reference the “fMRI Course group” to receive the group discounted rate.

These discounted rates are available for the following dates: May 24-31, 2019.

The cutoff date to book the reduced rate is April 28, 2019.

