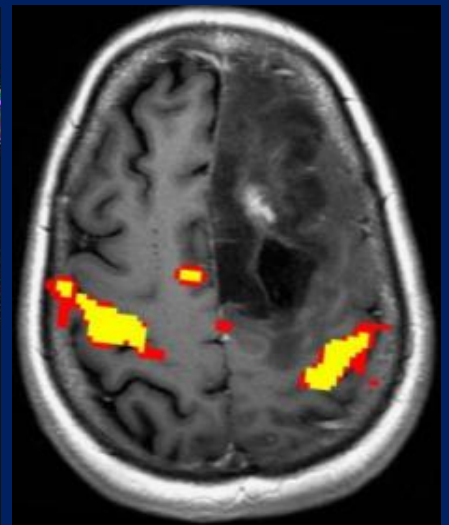
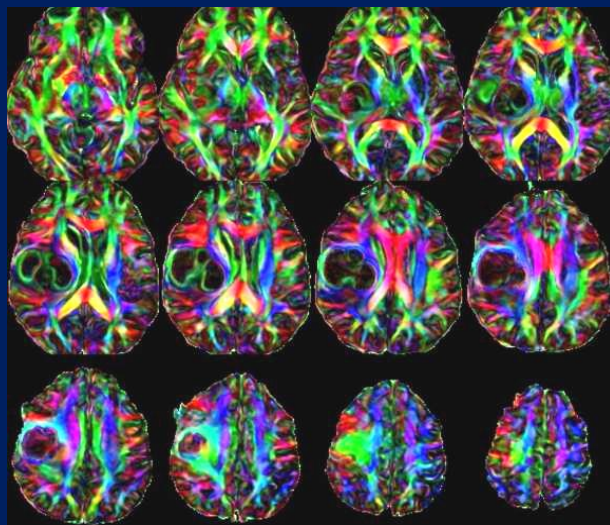
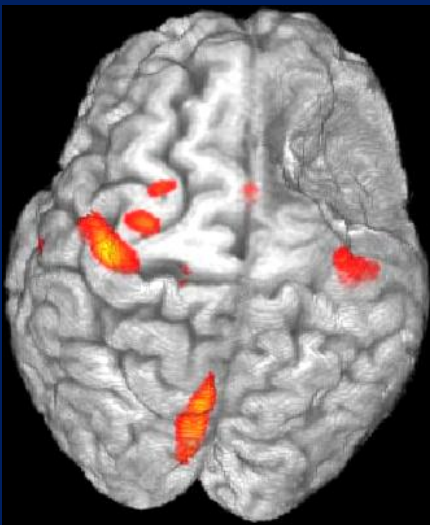




Hands-on Clinical fMRI and Diffusion Tractography

April 18-20, 2012

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



For further information
Please contact
Andrei Holodny, MD
fmri.ah@gmail.com

Conference Location
Weill Greenberg Center
Weill Medical College of Cornell University
1305 York Avenue (at East 70th Street)
New York, NY 10021

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 19.0 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 iCME 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
Assistant Professor of Radiology, Weill Cornell Medical College

A John Tsiouris, MD

Associate Professor of Clinical Radiology
Weill Cornell Medical College

Kyung Peck, PhD

Chief Physicist, fMRI Laboratory
Memorial Sloan-Kettering Cancer Center

Leah Somerville, PhD

Assistant Professor of Psychology
Harvard University

Nicole Brennan, BA

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

Scientific Agenda

time	18-April Wednesday	
8	Introduction and course overview	A. Holodny
8:30	Introduction to fMRI	A. Holodny
9:30	Patient preparation	N. Brennan
10:30	Language fMRI paradigms	N. Brennan
11:30	vendor presentation	
1:00	Lunch	
2	fMRI hardware	K. Peck
3-5	fMRI in scanner	N. Brennan
	19-April Thursday	
8	Methods of analysis	K. Peck
9	Neurosurgical applications-fMRI	C. Brennan
10	Practical neurosurgical navigation	C. Brennan
10:30	Visual fMRI	A. Holodny
11	Diffusion tractography	R. Young
12	Traumatic brain injury	A.J. Tsiouris
1	Lunch	
2-5	fMRI practical session	
	20-April Friday	
8	Pediatric fMRI	L. Somerville
9	Fact/artifact	A. Holodny
10	Case review and Quiz	R. Young
11	Case review and Quiz	A. Holodny
12	Lunch	
1	Coding and billing	A. Holodny
2	Questions and answers	Faculty
3	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.

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

Registration form

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

For further information please contact:

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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.