MR Spectroscopy & Perfusion MRI Symposium: The Basics and Beyond

March 6–7, 2004
NYU Medical Center • New York City

ENROLLMENT IS LIMITED TO 40
**Saturday, March 6, 2004**

7:30  Registration & Continental Breakfast

8:00  Welcome
      Meng Law, M.D.

8:15  Perfusion MRI: Physics/Techniques/Parameters
      Glyn Johnson, Ph.D.

8:45  Spectroscopic MRI: Physics/Techniques/Metabolites
      Nouha Salibi, Ph.D.

9:30  Clinical Application of Perfusion MRI in Stroke
      Jeffrey L. Sunshine, M.D., Ph.D.

10:00 Clinical Application of Spectroscopic MRI
      Meng Law, M.D.

10:30 Coffee Break

11:00 Advanced MRI techniques (Diffusion and Perfusion) in Neurointerventional Triage and Therapy
      Jeffrey L. Sunshine, M.D., Ph.D.

11:45 Developmental and Pediatric MR Spectroscopy
      Barbara Holshouser, Ph.D.

12:30 Questions and Discussion

12:45 Lunch (Provided by Siemens Medical Solutions, Inc.)

2:00 Afternoon Workshops (25 minute rotations)

1  Post processing/Acquisition MRS
      (Satellite Console 1)
      Nouha Salibi/Shelia Bero

2  Post processing Perfusion MRI
      (Satellite Console 2)
      Abe Padua

3  Perfusion MR & Stroke Teaching Cases
      (MRI Conference Room)
      Jeffrey Sunshine

20 Minute Coffee Break

4  Reading MRS Clinical Cases, Pitfalls
      (Neuroreading Rm 1)
      Meng Law

5  Reading Perfusion Clinical Cases, Pitfalls
      (Neuroreading Rm 2)
      Edmond A. Knopp/Andrew Litt

6  Reading MRS Clinical Cases
      (Neuroreading Rm 3)
      Barbara Holshouser

5:00 Adjourn

**Sunday, March 7, 2004**

7:45 Continental Breakfast/Reimbursement Discussion/Issues

8:15 Tumoral Perfusion MRI and Advanced Application in Perfusion
      Edmond A. Knopp, M.D.

9:00 Tumoral Spectroscopic MRI
      Meng Law, M.D.

9:45 Pitfalls/Shimming/Signal to Noise: Helpful Hints in Clinical Spectroscopy
      Oded Gonen, Ph.D.

10:30 Coffee Break

11:00 MR Spectroscopy in Brain Injury and Degenerative Disorders
      Barbara Holshouser, Ph.D.

11:45 Advances in MRS/Ultra High Field/Future Trends
      Oded Gonen, Ph.D.

12:30 Lunch (Provided by Siemens Medical Solutions, Inc.)

2:00 Afternoon Workshops (25 minute rotations)

7  Post processing/Acquisition MRS
      (Symphony/Sonata)
      Nouha Salibi/Shelia Bero

8  Post processing Perfusion MRI
      (Satellite Console 1)
      Abe Padua

9  Acquisition of Data/Setting up Perfusion/Spectroscopy
      (Symphony/Sonata/Allegra)
      Rob Carson/Shelia Bero

20 Minute Coffee Break

10 Reading Advanced MRS Clinical Cases, Pitfalls
      (Neuroreading Rm 1)
      Meng Law

11 Reading Advanced Perfusion Clinical Cases, Pitfalls
      (Neuroreading Rm 2)
      Edmond A. Knopp/Andrew Litt

12 Advanced MRS Pitfalls Post processing
      (Neuroreading Rm 3)
      Oded Gonen

5:00 Adjourn
Symposium: The Basics and Beyond

General Information

Target Audience
This symposium has been designed specifically for MR radiologists, fellows, residents, technologists, physicists, physicians who order, perform and interpret neuro-MR studies.

Expected Outcome
It is expected that course participants will gain basic and advanced knowledge to perform Perfusion and Spectroscopic MRI from a technical and clinical point of view. Skills for interpretation of Perfusion and Spectroscopy data will also be acquired.

Course Description
This two-day symposium will cover important aspects of Perfusion and Spectroscopic MRI. The course is designed to offer an intense and complete educational experience from basic physics to measurement, different techniques, post-processing and interpretation of perfusion and spectroscopy data. The course is divided into a morning session with lectures from experts in the clinical and research fields of these advanced MRI techniques. The afternoon will provide opportunity in small groups for hands-on data acquisition, post-processing as well as interpretation of clinical cases. Combining perfusion and diffusion in stroke triage and therapy. Tumoral and non-tumoral indications for these techniques will be presented including: Alzheimer’s disease, Parkinson’s disease, traumatic brain injury, pediatric disorders, multiple sclerosis, HIV, glioma characterization, and radiation necrosis.

Disclosure Statement
The NYU Post-Graduate Medical School adheres to ACCME standards regarding industry support of continuing medical education. Disclosure of any commercial relationships as well as discussion of off label or investigational use of any drug, device or procedure by the faculty, will be made known at the symposium.

Registration Information
Registration fees are $1250 per attendee ($950 for residents/fellows/NYU alumni/techs and retired physicians) and include course materials, a textbook on this topic, and breakfast and lunch on both days. We encourage you to register on-line by going to www.radcmr.med.nyu.edu or by completing the enclosed Registration Form and faxing it to 212-263-3959 or mailing it as indicated. Email addresses are now required if you want to receive a confirmation and receipt.

Workshop Location
The program will take place in Schwartz F Auditorium at the NYU Medical Center located at 550 First Avenue (between 30th and 31st Streets) in New York City. Please bring photo ID to enter the Medical Center. Afternoon workshops take place at the MRI Building just off the lobby of the Medical Center. The NYU Medical Center is a 20-minute walk from either Penn Station or Grand Central Station.

Hotel Reservations
A block of rooms is being reserved at the Affinia Dumont, located just 3 blocks from the Medical Center. It offers studio, junior and one- and two-bedroom suites and kitchens and is recommended by the organizers if want to be located near the NYU Medical Center. Please call the Dumont as soon as possible at 1-800-637-8483 indicating you are part of the “NYU Spectroscopy Group” to receive discounted rates of $169 plus tax for studios per night, and $209 plus tax for one-bedroom suites. The cutoff date for this room block is three (3) weeks prior to the conference although the block could be filled prior to this time. If you are interested in other hotels, a listing is available on the website (www.radcmr.med.nyu) and discounts are available for NYU visitors.

Acknowledgements
The organizers gratefully acknowledge the educational support received from the following organization for this program:

SIEMENS MEDICAL SOLUTIONS, INC.

Visiting Fellowships in MRI
Week-long Visiting MRI Fellowships are available to radiologists who desire to update their MRI interpretive skills. These sessions are clinically oriented and are not didactic in format. Certain weeks are set aside for visiting fellows and limits are placed on the number of visitors per week. Please call 212-263-3936 to reserve a place. Summer sessions are not available.

Accreditation
The NYU Post-Graduate Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The NYU Post-Graduate Medical School designates that these continuing medical education activities meet the criteria for credit hours in Category I of the Physician’s Recognition Award of the American Medical Association.

12.75 hours in Category I
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NYU Medical Center, NYC

How did you hear about this course?

☐ Journal Ad  ☐ Brochure Mailing  ☐ Web-site
☐ Other (please specify) ________________________________

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Tuition Payment Options (Please Check)

☐ Full-Tuition..............................................................$1250
☐ Discounted Tuition*..........................................................$950

*for residents, fellows, NYU alumni, technologists, V.A. employees,
full-time active military personnel, retirees, and physicists.

Methods of Payment

☐ Check in U.S. Dollars made payable to NYU Department of Radiology
☐ Credit Card Payment (see right column)
☐ International Postal Money Order
   (if more convenient for overseas participants)

Refund Policy:

An administrative charge of $75 will be assessed for cancellations
made in writing by February 1, 2004. Refunds will be possible after
this date subject to a $150 service charge.

Mail To

Carmen Escobar
NYU Medical Center
Department of Radiology
560 1st Avenue, TCH - Room 390
New York, NY 10016-4998

Fax To

(212) 263-3959

In Case of Questions, Contact Carmen Escobar:

Phone: (212) 263-3936
Email: carmen.escobar@med.nyu.edu

Payment by Credit Card

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Confirmation of Course Acceptance:

A confirmation will be sent to you by e-mail if you provide your
e-mail address.

On-line registration is the easiest and fastest as an automatic
confirmation is sent to you.

Course Cancellation Policy:

In the unusual circumstance that this course is cancelled, two
weeks’ notice will be provided and full tuition refunded. The NYU
Post-Graduate Medical School is not responsible for any airfare,
hotel or other costs incurred.