**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/Sheila 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/Sheila Bero

8  Post Processing Perfusion MRI
Satellite Console 1
Abe Padua

9  Acquisition of Data/Setting Up Perfusion/Spectroscopy
Symphony/Sonata/Allegro
Rob Carson/Sheila 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