Pediatric Multiple Sclerosis:
Acquired Demyelinating Disorders in
Children and Adolescents...Symptoms,
Evaluation, Treatment and Prognosis

June 26-28, 2008
Leighton Auditorium
Rochester, Minnesota

Course Director:
Nancy L. Kuntz, M.D.
Co-Director, Mayo Pediatric MS Clinic
Mayo Clinic Rochester

National Multiple Sclerosis Society
COURSE DESCRIPTION
This course is intended for primary care providers and specialists who see children and adolescents when they develop acute neurologic dysfunction. These events may be due to acquired demyelinating lesions of the Central Nervous System (CNS). This course will make attendees familiar with clinical findings which should suggest the possibility of acquired CNS demyelination. Typical imaging findings, laboratory diagnostic studies and protocols to differentiate from other neurologic syndromes will be discussed. Treatment of acute episodes and long term disease modifying therapies will be considered. Cognitive impact and social implications for children with acquired CNS demyelinating disorders and their families will be reviewed. Current and future research trends will be presented.

COURSE LEARNING OBJECTIVES
Upon conclusion of this program, participants should be able to:
• Identify presenting clinical symptoms of acquired CNS demyelinating disorders in children and adolescents, including acute disseminated encephalomyelitis, clinically isolated syndromes, pediatric multiple sclerosis and neuromyelitis optica.
• Differentiate acquired CNS demyelinating disorders in children and adolescents from other disorders which can mimic the same presentation
• Discuss appropriate options for treatment of acute clinical demyelinating events as well as options for disease modifying therapies in children and adolescents
• Identify neuroimaging changes that characterize acquired demyelinating disorders in children and adolescents
• Explain cognitive and social ramifications of acquired demyelinating disorders in children and adolescents as these affect the family unit
• Assess potential for ongoing research to guide development of future therapies

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

CONTINUING EDUCATION CREDIT
College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic designates this educational activity for a maximum of 11 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Mayo Continuing Nursing Education is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

Participants attending the entire course will receive 11 accredited contact hours.

INTENDED AUDIENCE
This course is designed for primary care physicians who care for children (pediatricians and family practitioners) and specialists in adult neurology, ophthalmology, neuropsychology and psychiatry.
EDUCATIONAL GRANTS
At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.

DATE AND LOCATION
The Demyelinating Disorders in Childhood will be held June 26-28, 2008. Course headquarters will be located in Leighton Auditorium on the second floor of the Siebens Medical Education Building, Mayo Clinic, 100 Second Avenue Southwest, Rochester, Minnesota. Meeting facilities are easily accessible by skyway and pedestrian subway, which connect Mayo Clinic to shops, restaurants, and hotels.

REGISTRATION
To register online, visit http://www.mayo.edu/cme/jun2008.html, or complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, lunches, reception, dinner, and tour. Although it is not Mayo School of CME policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

CANCELLATION POLICY
If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Mayo School of CME before June 11, 2008 (fax#: 507-284-0532). No refunds will be made after June 11, 2008.

Mayo School of CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CME must cancel or postpone this course, Mayo School of CME will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

TRAVEL
Rochester, Minnesota, is a friendly city that greets thousands of visitors from around the world each year. The city is serviced by a modern international airport with multiple flights daily from Chicago, Detroit, Dallas-Fort Worth, and Minneapolis via American or Northwest Airlines. Access to and from the airport is provided by taxi, shuttle service, and rental car. The airport is located approximately 10 miles from the Mayo Clinic campus.

Carlson Wagonlit Travel is the official travel agency for this event. When making reservations, please indicate that you are traveling to the Mayo Clinic Demyelinating Disorders in Childhood meeting. Contact Carlson Travel at 1-(866) MAYO TVL or (866) 629-6885 - Choose prompt # 3 for Group/Meeting Reservations, then prompt # 1 as a traveler attending the meeting.

Note to Travelers: Several cities in the United States are named Rochester. When you make airline reservations and check your baggage, be sure that your destination is Rochester, Minnesota (RST) and that your baggage has been properly tagged.

Travel arrangements are the sole responsibility of the individual registrant.
LODGING ACCOMMODATIONS

Guest rooms have been reserved for attendees and their guests with special course rates at each of the following downtown Rochester hotels. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of June 3, 2008, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the Demyelinating Disorders in Childhood when making your reservation.

Hilton Garden Inn
225 South Broadway
800-445-8667
507-285-1234
$96 single/double

Radisson Plaza Hotel
150 South Broadway
800-333-3333
507-281-8000
$104 single/double

Rochester Marriott Hotel
101 First Avenue SW
877-623-7775
507-280-6000
$129 single/double

The hotels listed above are connected by skyway and pedestrian subway to conference facilities, downtown shops, and restaurants. You may also wish to visit the Rochester Convention and Visitors Bureau website (www.rochestercvb.org) for additional accommodation options.

Lodging arrangements are the sole responsibility of the individual registrant.

PARKING

Parking is available in hotel, city, and Mayo patient/visitor ramps. The cost for parking is not included in the registration fee.

SOCIAL PROGRAMS

Welcome Reception – Thursday, June 26, 2008
Attendees and their guest(s) are cordially invited to join the course faculty for the Welcome Reception on Thursday, June 26 from 6-8 p.m. This casual reception welcomes you to Mayo Clinic, officially opens the course, and offers you the perfect opportunity to make connections with existing and new colleagues. You may also pick up your course materials at this reception. The reception will be held in Hage Atrium in the subway of the Siebens Building.

Course Dinner and Motivational Speaker – Friday, June 27, 2008
Attendees and their guest(s) are invited to a dinner for course attendees and faculty on Friday, June 27 from 6-7:45 p.m. This casual dinner will feature a motivational speaker, and will be held in the Elizabethan Room at the Kahler. Pre-registration is required.
OTHER ACTIVITIES

The Mall of America is just 80 miles northwest of Rochester.
www.mallofamerica.com

RochesterFest – Annual celebration in Rochester will be held June 21-29, 2008. For more information about events and activities, visit www.rochesterfest.com.

Wisconsin Dells, Wisconsin – ‘The Water Park Capital of the World’ is a short two-hour drive into Wisconsin. Visit the Wisconsin Dells Convention & Tourism website for more information about this family friendly town. www.wisdells.com

FACULTY

Course Director
Nancy Kuntz, M.D.
Co-Director Mayo Pediatric MS Clinic
Mayo Clinic

Mayo Clinic Faculty
Tanya Brown, Ph.D.
Karl Krecke, M.D.
Andrew McKeon, M.B.B.Ch.
Moses Rodriguez, M.D.
Shanu Roemer, M.D.
Nathan Young, D.O.

Guest Faculty
Anita Belman, M.D.
Co-Director National Pediatric MS Center
State University of New York at Stoney Brook

Pamela M. Captain, L.M.T., N.C.T.M
Licensed Massage Therapist
Riverseasons

Dorothee Chabas, M.D., Ph.D.
Co-Director UCSF Regional Pediatric MS Clinic
University of California at San Francisco

Maria Milazzo, N.P.
National Pediatric MS Center
State University of New York – Stoney Brook

Jayne Ness, M.D.
Director of Pediatric MS Clinic
University of Alabama at Birmingham

Laurie Lou Smith, Ed.S., N.C.S.P.
Center for Pediatric Onset Demyelinating Disease
University of Alabama at Birmingham
Guest Faculty - continued

Emmanuelle Waubant, M.D., Ph.D.
Director UCSF Regional Pediatric MS Clinic
University of California at San Francisco

Bianca Weinstock-Guttman, M.D.
Director of Pediatric MS Clinic
Jacobs Neurologic Institute, State University of New York at Buffalo

Anne Yeh, M.D.
Co-Director Pediatric MS Clinic
Jacobs Neurologic Institute, State University of New York at Buffalo

Special Evening Session Speakers
Kenny Ahern, Performer/Comedian
Father Nicklas Mezacapa, Motivational Speaker

FACULTY DISCLOSURE
As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CME) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.
**Thursday June 26th, 2008**

6-8 p.m.  Registration and Welcome Reception  
Marriott Ballroom

**Friday June 27th, 2008**

7:00 a.m.  Registration & Continental Breakfast  
Leighton Auditorium, Second Floor Siebens Building

8:00 a.m.  Welcome and Opening Remarks  
History of Multiple Sclerosis in Children  
Nancy L. Kuntz, M.D.

9:00 a.m.  First Episode of CNS Demyelination In Children or Adolescents: What Do You Call It?  
Anne Yeh, M.D.

Fatigue Management, Energy, and Limit Setting  
( Parent/Family Breakout Session)  
Maria Milazzo, N.P.

10:00 a.m.  Refreshment Break

10:15 a.m.  Recurrent CNS Demyelination: When Is It Multiple Sclerosis?  
Jayne Ness, M.D., Ph.D.

Travel, Fun, and Recreation for Kids with MS  
( Parent/Family Breakout Session)  
Mayo Clinic Physical Therapist

11:15 a.m.  Case Studies  
Anita Belman, M.D.

Parent/Family Breakout Session

12:00 p.m.  Lunch and Speaker  
Marriott Ballroom

1:00 p.m.  Pathophysiology of CNS Demyelinating Disease: MS vs ADEM  
Nathan Young, D.O. and Shanu Roemer, M.D.

Medical Management and Compliance for MS Patients  
( Parent/Family Breakout Session)  
Maria Milazzo, N.P.

1:45 p.m.  Lumbar Puncture, Evoked Potentials and OCT: When Are These Helpful in Evaluating CNS Demyelinating Disease?  
Bianca Weinstock-Guttman, M.D.

2:00 – 3:30 p.m.  Kids – Craft/Activities/Networking  
( Kids Breakout Session)

2:30 p.m.  Current Status and Future Research Relating to Pediatric MS  
Moses Rodriguez, M.D.

3:00 p.m.  Refreshment Break

3:30 p.m.  Case Studies  
Anita Belman, M.D.

Breakout sessions for parents/families/children
Program Schedule

4:30 p.m.  Adjourn

6:00-7:00 pm  Course Dinner
Elizabethan Room, Kahler Hotel

7:00-7:45 p.m.  Professionals – Speaker
Father Nicklas Mezacapa
Elizabethan Room, Kahler Hotel

or

Families – Performer/Comedian
Kenny Ahern
Viking Room, Kahler Hotel

Saturday June 28th, 2008

7:30 a.m.  Continental Breakfast
Leighton Auditorium, Second Floor Siebens Building

8:00 a.m.  The Spectrum of Disorders Associated with NMO-IgG Seropositivity in Children
Andrew McKeon, M.B.B.Ch.

8:30 a.m.-12 Kids – Craft/Activities/Networking
(Kids Breakout Session)

8:45 a.m.  Treatment of Acute Episodes of CNS Demyelination in Children
Dorothee Chabas, M.D., Ph.D.

9:00 a.m.  Parents – School Advocacy – Advocating For Your Child At School (Parent Breakout Session)
Laurie Lou Smith, Ed.S., N.C.S.P.

9:30 a.m.  Use of Disease Modifying Therapy in Children and Adolescents with MS
Emmanuelle Waubant, M.D., Ph.D.

10:15 a.m.  Refreshment Break

10:30 a.m.  Cognitive Impact of MS in Children and Adolescents
Tanya Brown, Ph.D.

11:30 a.m.  Demonstration of Mind/Body Exercises in Treatment of Symptoms of MS in Children and Adolescents
Pamela M. Captain, L.M.T., N.C.T.M.

12:00 p.m.  Lunch
Marriott Ballroom

1:00 p.m.  MRI Findings and Utility of Imaging in Pediatric MS
Karl N. Krecke, M.D.

2:00 p.m.  Course Evaluation and Summary

2:30 p.m.  Tour Sanford Pediatric Outpatient Center
Tour Mayo Clinic MS Research Laboratories
Faculty

4:00 p.m.  Course Adjourn

Breakout sessions for parents/families/children
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REGISTRATION FORM 2008R881

Mail form and payment to:
Mayo Clinic
Plummer 2:60
200 First Street SW
Rochester, MN 55905

Phone 800-323-2688 or 507-284-2509
FAX 507-284-0532
E-mail cme@mayo.edu
Web site www.mayo.edu/cme

Contact Information

Name of Registrant - first name, middle name or initial, and last name

Degree – select all that apply
☐ MD ☐ PhD ☐ DO ☐ PA ☐ NP
☐ Other - specify

Name of Institution

Medical Specialty

Preferred Mailing Address – select one
☐ Work/Business ☐ Home

Work/Business Address - street address

Work Phone - include all country and city/area codes as needed along with complete phone number

City

State or Province

ZIP or Postal Code

Country

Home Address - street address

Home Phone - include all country and city/area codes as needed along with complete phone number

City

State or Province

ZIP or Postal Code

Country

E-mail Address

FAX - include all country and city/area codes as needed along with complete phone number

FAX Location – select one
☐ Work/Business ☐ Home

SPECIAL NEEDS

If you have special assistance needs or dietary restrictions, describe here:

Registration

Registration Fee:

Physicians/Scientists .................. $ 375 $ ________

Residents, Physician Assistants and Nurse Practitioners ....... $ 300 $ ________

Families - $25 per adult # of Adults: $ ________

Children 17 and under are free # of children: $ ________

Total Payment Enclosed $ ________

Scholarships may be available. Contact Paula or Carma at 507-284-6561 for more information. (Families only.)

Payment Information

☐ Check is enclosed in the amount shown at right - make checks payable to Mayo Clinic

Payment Total

Credit Card – select one
☐ Discover ☐ MasterCard ☐ Visa

Account Number

Exp Date - mm/yy

Name of Cardholder – as it appears on the card

Signature of Cardholder – required

X
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