

Evaluation Report

A Live Two-Day Course
New Orleans, LA | February 17-18, 2016

Advanced Curriculum for Multiple Sclerosis

The Pre-Conference Course to the ACTRIMS Forum 2016

Course Chair:

Fred D. Lublin, MD, FAAN, FANA

Faculty:

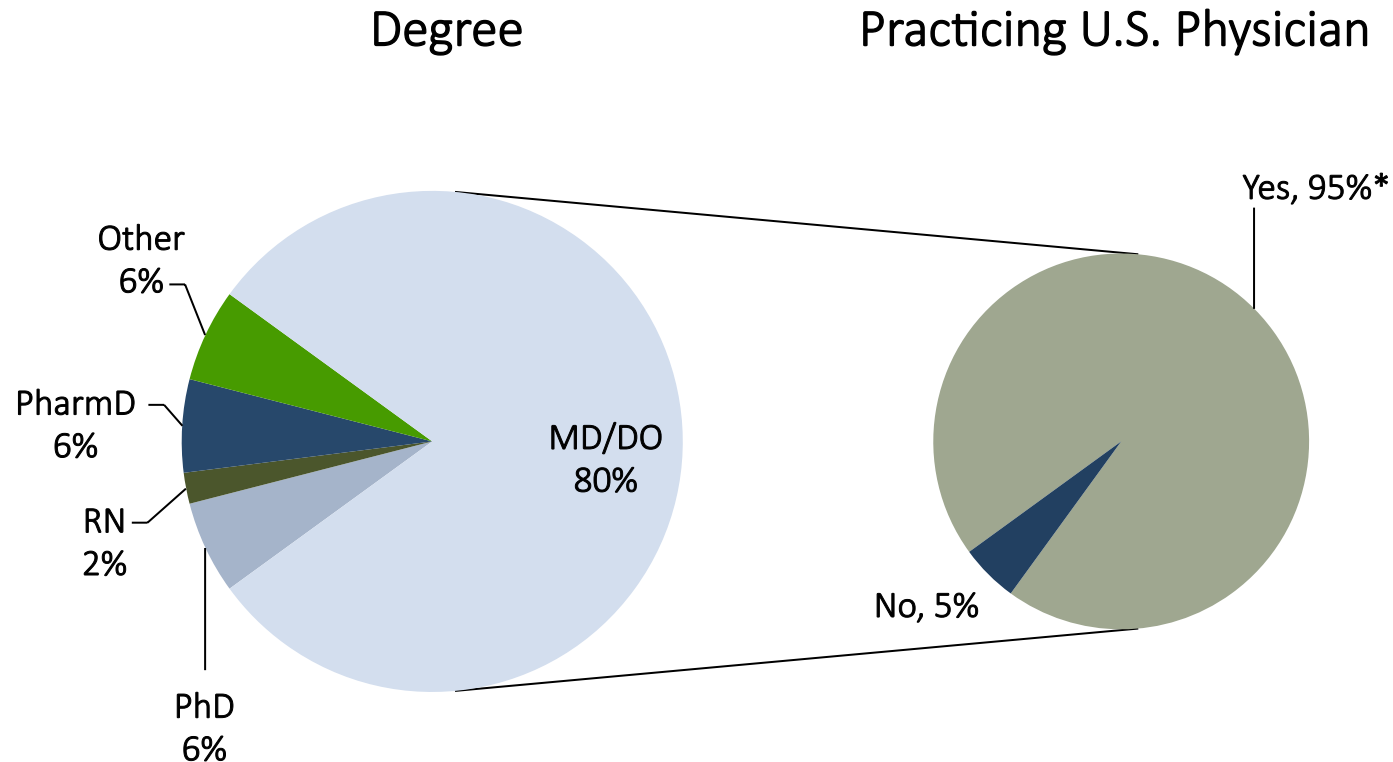
Jack Antel, MD	Suhyal Dhib-Jalbut, MD
Amit Bar-Or, MD	Mark Freedman, MD
Joseph R. Berger, MD	Andrew Goodman, MD
Peter Calabresi, MD	Robert Lisak, MD
Jeffrey A. Cohen, MD	Clyde E. Markowitz, MD
Patricia Coyle, MD	Howard L. Weiner, MD
Anne H. Cross, MD	Jerry Wolinzky, MD
Philip De Jager, MD	Scott S. Zamvil, MD, PhD

11.0 AMA PRA Category 1 Credits™

Provided by AcademicCME

Demographics: All Learners

N=146

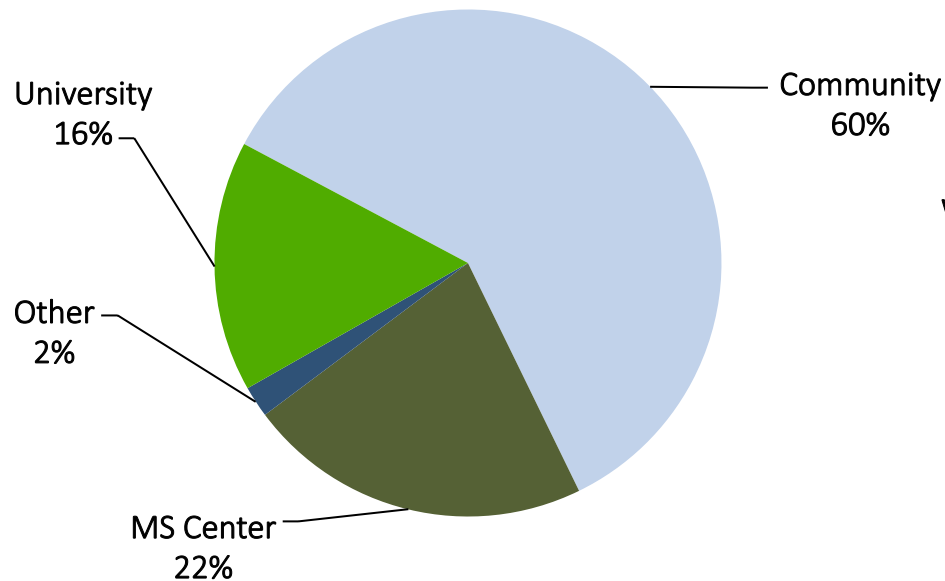


*106 Practicing U.S. Neurologists

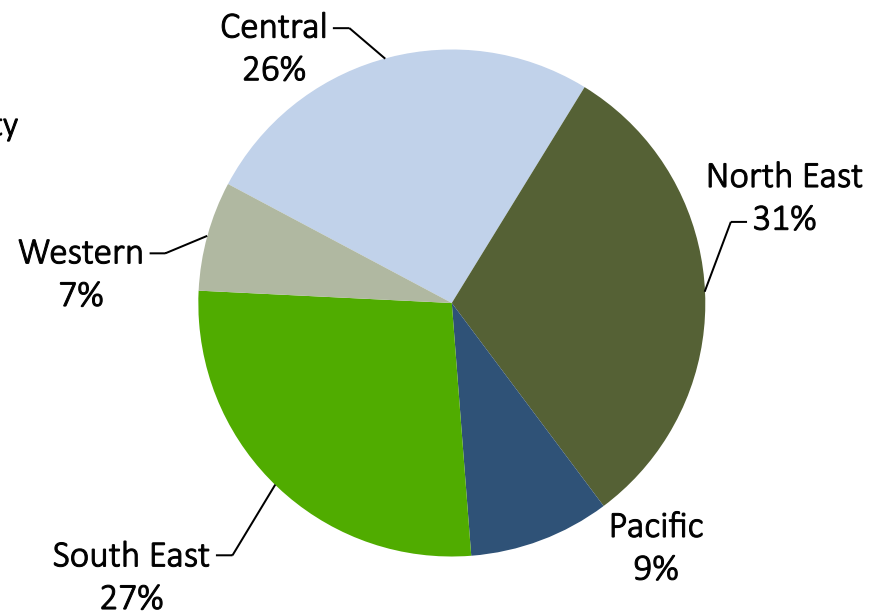
Demographics: Neurologists

N=106

Practice Setting



Geographic Location



The practicing neurologists attending this course care for an average of 60 MS patients per month, suggesting a potential course clinical impact of 6,360 MS patients per month

Evaluation of Learning Objectives

N= 94

Rate the Extent to Which the Activity Met the Following Learning Objectives. (1= Poor, 5= Excellent)

	Scale 1-5
Review strategies for early and accurate diagnosis of multiple sclerosis, including current imaging techniques and biomarkers	4.7
Examine the role of genetics and modifiable risk factors associated with a higher likelihood of acquiring multiple sclerosis	4.5
Acquire a current understanding of the immunopathology of multiple sclerosis, including T-cells, B-cells, and antibodies	4.7
Summarize the current clinical trial data for pharmacotherapeutics for the management of patients with multiple sclerosis	4.6
Develop evidence-based, personalized treatment plans to optimize outcomes for patients with multiple sclerosis	4.5
Analyze strategies to utilize risk mitigation techniques to minimize adverse events for MS patients	4.5
Incorporate appropriate symptom management, including lifestyle and mobility modification/improvements, and comorbidities, into patient care within multiple sclerosis	4.6
Integrate both patient education and comprehensive care team communication improvements into practice, in order to increase patient adherence to therapy	4.5

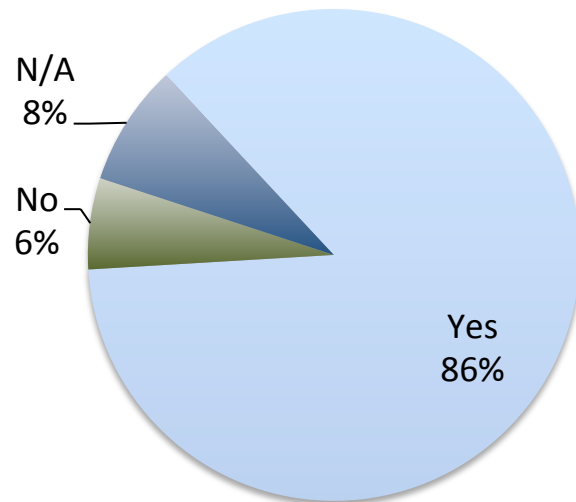
Evaluation of Course Experience

N= 94

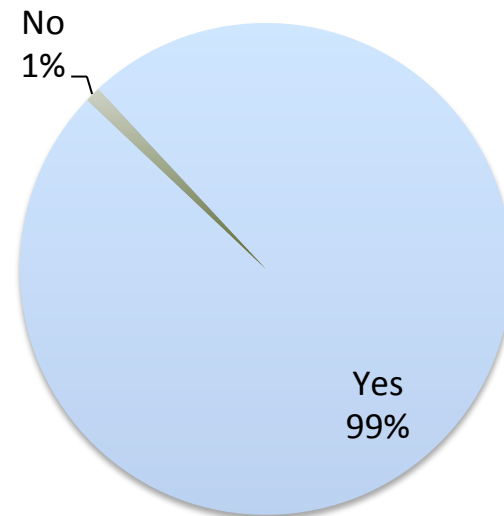
Rate the Extent to Which the Following Statements
(1= Strongly Disagree, 5= Strongly Agree)

	Scale 1-5
This course was scientifically rigorous and evidence based	4.8
The speakers were knowledgeable and presented the information clearly	4.9
The information presented at this program was relevant to my daily patient care	4.8
The course improved my level of expertise in managing patients with multiple sclerosis	4.7
The interactive panel format was an effective learning tool	4.8
This course will help me improve patient outcomes in my practice	4.7

This educational activity will result in a change in my practice behavior:



The information presented was without promotional or commercial bias:



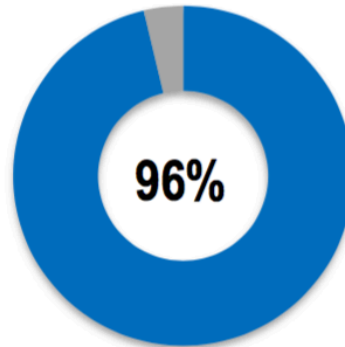
Learner Behavior: Utilizing iPad Technology

N= 134

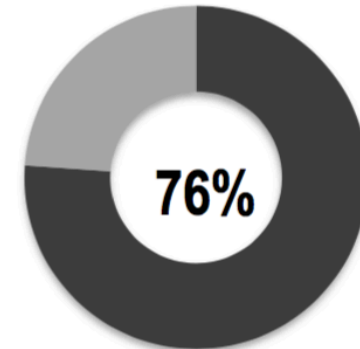
Engagement Overview



134

of participants who logged into
Array

% attendees who took an action



% attendees who took a highly engaged action

* Action includes saving slides, rating slides, answering polling questions, tapping interface buttons, asking questions, or taking notes

** Highly Engaged Action includes asking questions or taking notes

Slide Actions Summary

Actions	Count
Total Text Notes	141
Total Stylus Notes	50
Total Saved Slides	5609
Total Presenter Questions	200

Learner Comments

Changes to Practice Behavior

- Use of MRI
- Ill have more evidence to talk about in regards to therapies
- Reassuring that my practice is in line with thought leaders
- Induction vs escalation of therapy
- Probably more CSF exams, More C-spine
- MRI's Medication Adjustment, Evaluate for Side effects
- Thoughtful approach to Patient
- More Knowledge re: tx options, risks, etc
- Routine post void residual evaluation and management
- More personalized approach
- Implementing depression screening, using more objective measures with follow up
- Probably increase use of modulation Rx
- Improve my care of pts, educate pts better
- I am more likely to consider induction therapy in appropriate pts
- Change in MRI Screening for Lesions Follow up MRI at 6 months after initiation treatment
- More focus on clinical trials, more interaction with pt

Learner Comments

Changes to Practice Behavior (continued...)

- Initiation and Switching Therapy
- More Labs before diagnosis, add 25 ft walk test
- May be more considerate of induction therapy in certain pts
- More MRI of Spine
- Routinely Measure 25ft walk
- Reevaluate escalation strategy
- Consider induction approach to therapy
- More Induction Approach
- Understand Immunologic MOA of Drugs will help me
- More Aggressive
- Add depression questionnaire for office visits
- MRI at 6 mo
- Timed 25 ft
- More LP evaluations, MRI 6 mo
- Early diagnosis, recognize ms mimics, individualized treatment
- Disease monitoring will be changed- CSF, MRI
- More Objective Data Use

Learner Comments

Overall Opinion of This Course

- The best course I have had in 25 years of practice
- Very well run. Fred runs a tight ship
- Excellent course case presentations are very helpful
- Overall very educational, offer course more than once a year
- Excellent, Much needed prelude to ACTRIMS forum
- iPad use is excellent - especially questions
- Good Course, Speakers were very knowledgeable and unbiased
- Dr. Berger was Excellent, Dr. Coyle was Excellent
- Was one of the better courses I have attended recently, I liked the format, shorter lectures are better, the discussions were good. This course is why I attended ACTRIMS
- Up to date and unbiased
- Continue to use the iPads and ability to copy slides
- This is excellent. Once a year attached to ACTRIMS would bring me back every year, thank you for this meeting
- Very helpful to be able to interact with the experts
- Really liked debates, great faculty
- Excellent course, I plan to come annually

Learner Comments

Topics to be emphasized in future MS Curriculum Courses

- The management of MS in Europe, Asia, and South America
- Long term risks of treatment
- Regeneration strategies and time sensitive window for these strategies
- Any Tx options for SPMS/PPMS
- Immunology for the neurologists 3 day course
- MS, MS, MS, Great, Love the dynamics of this meeting
- Sequencing of MS therapeutics
- Actual Treatment Protocols for induction or switching therapies
- MRI education. Interpretation from neuro-radiologist perspective
- Co morbidities that may affect management of MS
- Vitamin D and other immunomodulation's and their role in established MS
- MS vs MS Mimics
- All relevant topics were covered
- Alternative Medicine