

Integrating New DMD Therapies into the MS Treatment Landscape



A CME-certified **Neurology Exchange** Grand Rounds Program

PROGRAM SYLLABUS

Presented by

SPEAKER NAME, MD

Hospital Name

Date

Jointly provided by Potomac Center for Medical Education and Rockpointe

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ADDITIONAL PACKET CONTENTS

Participant Survey and CME Evaluation	Front of packet
<i>After filling out the Activity Survey, Post-activity Survey, and CME Evaluation, please separate from packet and return to onsite staff</i>	
Program Slides	
<i>Copy of presentation slides with space for note-taking</i>	

PROGRAM OVERVIEW/STATEMENT OF NEED

The Potomac Center for Medical Education and Rockpointe welcome you to **Integrating New DMD Therapies into the MS Treatment Landscape**, a CME-certified Neurology Exchange Grand Rounds activity designed to give medical professionals the latest news and information on the management of multiple sclerosis (MS) patients.

The diagnosis and management of multiple sclerosis (MS) continue to rapidly evolve, with an ongoing emergence of new disease-modifying agents; newer diagnostic criteria and revisions to MS phenotypes; and the identification of MRI measures and biomarkers capable of improving disease surveillance. Combined with the continued push for earlier diagnosis and initiation of disease-modifying drug (DMD) therapy, MS diagnosis and management continues to become more challenging.

Clinicians face more treatment choices and must address patient concerns about DMD side effects, treatment preferences, drug costs, and other issues that can negatively impact acceptance of and adherence to DMD treatments. Improved patient engagement and patient-centered care, as well as more comprehensive management of treatment-related side effects and common comorbidities, are increasingly important areas of focus in MS care.

Integrating New DMD Therapies into the MS Treatment Landscape will provide clinicians with the latest information on patient engagement and recent advances in MS diagnosis and management, in order to optimize outcomes for their patients with MS.

TARGET AUDIENCE

This activity is intended for neurologists, MS specialists, primary care physicians, and other health care professionals who manage patients with multiple sclerosis.

EDUCATIONAL OBJECTIVES

This program is designed to address the following IOM competencies: provide patient-centered care and employ evidence-based practice.

At the conclusion of this activity, participants should be able to demonstrate the ability to:

- Explain the mechanisms of action, efficacy, and safety profiles of current and emerging DMD therapies in MS
- Identify evidence-based, patient-tailored therapeutic principles for early therapy initiation and monitoring
- Outline barriers to DMD treatment adherence and effective responses
- Review modifiable risk factors and ongoing evaluations to improve MS care, as well as programs to manage common treatment-related side effects

ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Potomac Center for Medical Education and Rockpointe. The Potomac Center for Medical Education is accredited by the ACCME to provide continuing medical education for physicians.

PHYSICIAN CREDIT DESIGNATION

The Potomac Center for Medical Education designates this live activity for a maximum of 1.0 *AMA PRA Category 1 creditTM*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SPECIAL SERVICES



Event staff will be glad to assist you with any special needs.

FEE AND RECEIVING CME CREDIT

There is no fee for this educational activity. To receive CME credit the participant must:

- Participate in this one-hour-long program in its entirety;
- Sign in / sign out on the sheet provided by the host coordinator;
- Complete the evaluation forms;
- Return the evaluation forms to the host coordinator.

DISCLOSURE/CONFLICT OF INTEREST STATEMENT

The Potomac Center for Medical Education (PCME) adheres to the policies and guidelines, including the Standards for Commercial Support, set forth to providers by the Accreditation Council for Continuing Medical Education (ACCME) and all other professional organizations, as applicable, stating those activities where continuing education credits are awarded must be balanced, independent, objective, and scientifically rigorous.

All persons in a position to control the content of a continuing medical education program provided by PCME are required to disclose any relevant financial relationships with any commercial interest to PCME as well as to learners. All conflicts of interest are identified and resolved by PCME in accordance with the Standards for Commercial Support in advance of delivery of the activity to learners.

Disclosures will be made known to the participants prior to the activity.

The content of this activity was vetted by an external reviewer to assure objectivity and that the activity is free of commercial bias.

DISCLOSURES

Faculty Speaker

The faculty reported the following relevant financial relationships that they or their spouse/partner have with commercial interests:

Faculty Speaker, MD: *Consultant:* Pharma Name; *Clinical Investigator:* Pharma Name

Steering Committee

The steering committee reported the following relevant financial relationships that they or their spouse/partner have with commercial interests:

Patricia K. Coyle, MD, FAAN, FANA: *Consultant:* AbbVie, Accordant, Acorda, Bayer, Biogen, Genentech/Roche, Genzyme/Sanofi, Mallinckrodt, Novartis, Serono, Teva; *Research:* Actelion, Genentech/Roche, Novartis, Opexa Therapeutics

Clyde E. Markowitz, MD: *Consultant:* Bayer, Biogen, EMD Serono, Genentech/Roche, Genzyme/Sanofi, Novartis, Opexa Therapeutics, Pfizer, Teva

Non-faculty Content Contributors

Non-faculty content contributors and/or reviewers reported the following relevant financial relationships that they or their spouse/partner have with commercial interests:

Matthew Horn, MD; Blair St. Amand; Jay Katz, CHCP; Lindsay Scott, PT, DPT, ATC:

Nothing to disclose

FDA DISCLOSURE

The contents of some CME/CE activities may contain discussions of non-approved or off-label uses of some agents mentioned. Please consult the prescribing information for full disclosure of approved uses.

STEERING COMMITTEE



PATRICIA K. COYLE, MD, FAAN, FANA

Professor and Vice Chair (Clinical Affairs)
Department of Neurology
Director, MS Comprehensive Care Center
Stony Brook University Medical Center
Stony Brook, NY

Patricia K. Coyle, MD, FAAN, FANA is Professor and Vice Chair (Clinical Affairs) of Neurology and Director of the Multiple Sclerosis Comprehensive Care Center at Stony Brook University Medical Center in Stony Brook, NY. She earned her bachelor of science degree with highest honors from Fordham University in the Bronx, NY and a medical doctorate from the Johns Hopkins School of Medicine, where she was elected to Alpha Omega Alpha. While at the Johns Hopkins School of Medicine, she completed a residency and chief residency in neurology, followed by a two-year fellowship in neuroimmunology and neurovirology. She then went on to establish a successful research laboratory in addition to building a busy clinical practice at the Stony Brook University Medical Center.

Dr. Coyle is the author of numerous articles on clinical and basic research aspects of multiple sclerosis (MS) and neurologic infections and she is recognized as a leading expert in these areas. Other areas of expertise include Lyme disease, cerebrospinal fluid, therapeutics, and neuroimmunology. Her research has been supported by the National Institutes of Health and other organizations. She is currently involved in a number of therapeutic trials testing new immunotherapies for MS, as well as studies addressing neurologic aspects of Lyme disease.

In addition to her busy clinical and research careers, Dr. Coyle has held active leadership positions in a number of national and international organizations and academic societies, including the American Academy of Neurology, American Neurological Association, National MS Society, and the American Board of Psychiatry and Neurology. She lectures widely on MS and neurologic infections to national and international audiences.

STEERING COMMITTEE



CLYDE E. MARKOWITZ, MD

Chief, MS Section
Director, MS Center
Associate Professor of Neurology
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Clyde E. Markowitz, MD is Director of the MS Center at the Hospital of the University of Pennsylvania, and is an Associate Professor of Neurology at the Perelman School of Medicine at the University of Pennsylvania in Philadelphia. He earned his medical doctorate from the Columbia University College of Physicians and Surgeons. He also completed a residency, postdoctoral research, and clinical fellowship at the Neurological Institute at Columbia University College of Physicians and Surgeons in New York.

His expertise is in the field of multiple sclerosis and he is involved in many clinical trials developing new compounds for the treatment of MS. Dr. Markowitz's research interests include utilization of new MRI techniques to study the pathogenesis of MS, vision outcome measures in MS, and immunology of MS. He has held the position of Chairman of the Clinical Advisory Committee for the Delaware Valley Chapter of the National Multiple Sclerosis Society and is the author or co-author of a number of publications.

Dr. Markowitz serves as an ad hoc reviewer for *Multiple Sclerosis*, *Annals of Neurology*, *Archives of Neurology*, *Journal of the Neurological Sciences*, *Neuro-Rehabilitation*, *Neural Repair*, *Journal of Clinical Immunology*, and *The Consultant*. He is a member of the American Academy of Neurology and he is certified by the National Board of Medical Examiners and the American Board of Psychiatry and Neurology. His work has been published several times in journals, such as *Annals of Neurology* and *Neurology*.

FACULTY



SPEAKER'S NAME, DEGREES

Title

Affiliation

City, STATE

Speaker's biography goes here.