



Clinical Updates on Immune-directed Therapies in MS: Expert Insights & Real World Evidence

Jointly provided by Letters & Sciences and Postgraduate Institute for Medicine.



Postgraduate Institute
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Release Date: April 30, 2020

Available for credit until April 30, 2021

ESTIMATED TIME TO COMPLETE ACTIVITY

1 hour

TARGET AUDIENCE

This activity is designed to meet the educational needs of Neurologists and MS nurse specialists, as well as other clinicians treating and managing patients with MS.

FACULTY

Mark S. Freedman, MSc, MD, FANA, FAAN, FRCPC, Co-Chair

Senior Scientist, Neuroscience Program
Ottawa Hospital Research Institute
Professor of Medicine, Neurology
University of Ottawa
Director, MS Research Unit, Neurology
Ottawa Hospital-General Campus
Ottawa, Canada

Patricia K. Coyle, MD, FAAN, FANA, Co-Chair

Professor and Interim Chair, Dept. of Neurology
Director, MS Comprehensive Care Center
Stony Brook University Medical Center
Stony Brook, New York

EDUCATIONAL OBJECTIVES

After completing this activity, the participant should be better able to:

- Describe critical advances and emerging immune-directed therapies that will change the therapeutic approach to MS;
- Review the immunologic rationale, safety, and clinical efficacy of supporting an immune system reset;
- Identify clinical considerations when evaluating risks and benefits in deciding on DMT therapy;
- Summarize the concept of immunosenescence and the importance of vigilance in monitoring the risk of infections especially in older MS patients;

JOINT ACCREDITATION STATEMENT



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, this activity has been planned and implemented by the Postgraduate Institute for Medicine (PIM) and Letters & Sciences. Postgraduate Institute for Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

PHYSICIAN CONTINUING MEDICAL EDUCATION

The Postgraduate Institute for Medicine designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credit(s)*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

To receive acknowledgement for participating in this activity, learners must complete the posttest and evaluation form.

CONTINUING NURSING EDUCATION

Letters & Sciences is accredited with distinction as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission (ANCC) on Accreditation.

This activity is designated for 1.0 contact hours.

To obtain the full number of CNE contact hour(s), the learner must participate in the entire activity and complete the posttest and evaluation form.

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Faculty

Patricia K. Coyle, MD, FAAN, FANA

Has served as a consultant for: Accordant, Alexion, Bayer, Biogen Idec, EMD Serono, Genentech/Roche, Genzyme/Sanofi, GlaxoSmithKline, Mylan, Novartis, and TG Therapeutics

Has received research support from: Actelion, Alkermes, Corrona LLD, Genentech/Roche, MedDay, NINDS, Novartis, and PCORI

Mark S. Freedman, MSc, MD, FANA, FAAN, FRCPC

Has received research or educational grants from: Genzyme

Has received honoraria or consultation fee from: Actelion (J&J), Alexion, Atara Biotherapeutics, Adamas, Biogen Idec, Celgene (BMS), EMD Serono, Hoffman La-Roche, Novartis, Sanofi-Genzyme

Has served as member of a company advisory board, board of directors or other similar group: Actelion (J&J), Alexion, Atara Biotherapeutics, Bayer Healthcare, Biogen Idec, Celgene (BMS), Genzyme, Novartis, Sanofi-Aventis

Has participated in a company sponsored speaker's bureau for: EMD Serono, Genzyme

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Shannon L. DeVita, MSN, RN, CNL, DNP

Nurse Practitioner
San Diego, California

Michele Nichols, PharmD

Pharmacy Consultant
Private Practice
Raritan, New Jersey

FEE INFORMATION

There is no fee for this educational activity.

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During the period April 30, 2020, through April 30, 2021, participants must 1) read the learning objectives and disclosures; 2) study the educational activity; and 3) complete the posttest and the evaluation form. To answer the questions, click on your selected choice for each answer then proceed to the next question. We recommend that you print a copy of your answers before you submit them to us. Once completed, click on Submit posttest at the bottom of the page. Your posttest will automatically be graded. If you successfully complete the posttest (score of 75% or higher), your certificate will be made available immediately. Click on View Certificate and print the certificate for your records. If you receive a score of 74% or less, you will receive a message notifying you that you did not pass the post-test. You may retake the post-test until successful.

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CME University requires a modern web browser (Internet Explorer 7+, Mozilla Firefox, Apple Safari, Google Chrome). Certain educational activities may require additional software to view multimedia, presentation, or printable versions of their content.

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Patricia K. Coyle, MD, FAAN, FANA

Has agreed to disclose any unlabeled/unapproved uses of drugs or products in her presentation

Mark S. Freedman, MSc, MD, FANA, FAAN, FRCPC

Has agreed to disclose any unlabeled/unapproved uses of drugs or products in his presentation

DISCLAIMER

Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed or suggested in this activity should not be used by clinicians without evaluation of their patient's conditions and possible contraindications and/or dangers in use, review of any applicable manufacturer's product information, and comparison with recommendations of other authorities.

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