

EXCEMED Blended Education Back to the future: redefining the clinical course of multiple sclerosis

Live intervention in Dubai, UAE - 29 November 2018
Pre-MENACTRIMS

PRELIMINARY
PROGRAMME



MENACTRIMS
Middle East North Africa Committee for
Treatment and Research in Multiple Sclerosis



Back to the future: redefining the clinical course of multiple sclerosis

Overview

Multiple sclerosis (MS) is living a revolutionary era due to continuous discoveries and advancements both in basic research and treatments. The expectancies of neurologists and patients have changed and there is the aspiration to preserve long term neurological functioning, to minimize complications and side effects of treatments and to guarantee a satisfactory quality of life. To fulfill such ambitious aim, healthcare providers require continuous education on the front of MS pathogenesis, mechanism of action of treatments and their short and long term undesirable consequences and on new tools to perfect diagnosis and prognosis. This blended educational activity will involve participants in a multistep learning journey focused on these themes. The activity will also include the discussion of clinical cases in order to give the opportunity to immediately apply newly acquired knowledge and discuss with international experts in the field.

An EXCEMED Learning Journey

The EXCEMED blended education approach reinforces concepts from different angles using diverse formats which reinforce the learning experience. A multistep approach is used, encompassing web-based and live activities. All activities – in-person and online – involves the full interactivity of learners. At three stages throughout the process, you will be asked to give your feedback on the learning experience through the 3 surveys. The aim of this learner-centered programme is to enhance clinical practice by exploring the ideal outcomes desired by patients, neurologists, and clinicians following MS, with individualized approaches toward attaining these goals. After completing your Learning Journey with EXCEMED, you will receive a Diploma signed by the faculty members and a final Outcomes and Feedback Report.

Learning objectives

By attending this activity, you will be able to:

- Review the pathological and immunological mechanisms underneath inflammation and progression in MS
- Analyze efficacy and risks of MS treatments in general and specific conditions in MS (i.e. comorbidities and pregnancy)
- Define conventional and advanced measures of prognosis and treatment efficacy

Target audience

This programme is designed for neurologists involved in MS management coming from the Middle East and North Africa area, who want to acquire up-to date information for improving their current practice.

This live educational workshop is endorsed by MENACTrims
(Middle East North Africa Committee for Treatment and Research in Multiple Sclerosis).

MENACTrims
Middle East North Africa Committee for
Treatment and Research in Multiple Sclerosis



ONLINE PREPARATORY TUTORIALS October 2018

Register now and receive the EXCEMED invitation to start your Learning Journey!

VIDEO LECTURE

This lecture by Professor Sahraian will give an overview on the epidemiology of multiple sclerosis and explore the role of genes involved in its development.

By following this activity, you will be able to:

- Describe the main risk factors for MS
- Illustrate the role of genes involved in MS development and progression
- Describe the effect of improved hygiene and urbanization on the increasing incidence of MS in Middle East

VIDEO LECTURE

This on-line educational tool is a lecture by Professor Brueck explaining the main pathological findings in relapsing and progressive MS. With the usage of video scribing technique, you will be enabled to:

1. Describe the main pathological findings in the white matter of MS patients
2. Illustrate the new insights in grey matter pathology
3. Highlight the role of resident immune cells

Continuing medical education

EXCEMED is a non profit foundation dedicated, since the last four decades, to the development of high-quality medical education programmes all over the world.

EXCEMED adheres to the guidelines and standards of the European Accreditation Council for Continuing Medical Education (EACCME®) which states that continuing medical education must be balanced, independent, objective and scientifically rigorous.

EXCEMED - Excellence in Medical Education

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EXCEMED adheres to the principles of the Good CME Practice group (gCMEp).





LIVE INTERVENTION

29 November 2018

The live component of the Learning Journey is a combination of frontal lectures followed by interactive discussions, case-study-based debates and interactive clinical cases.

LEARNING OBJECTIVES

By attending this activity, you will be able to:

- Review the immune mechanisms explain disease progression and the rationale for immune reconstitution strategies
- Analyze the main challenges in MS diagnosis and prognosis
- Define measures of treatment efficacy and how to quantify individual risks

Venue

This live educational workshop will take place at the:

Hotel Holiday Inn

Festival City

Gateway Avenue

Dubai, UAE

Language

The official language of this live educational workshop will be English.

INVITED FACULTY

Raed Alroughani

Dasman Research Institute
Department of Medicine
Division of Neurology
Amiri Hospital
Kuwait City, Kuwait

Jihad Inshasi

Neurology Department
Rashid Hospital
Dubai Health Authority (DHA)
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Beirut, Lebanon

Heinz Wiendl

Department of Neurology
University of Münster
Münster, Germany

Magd Fouad Zakaria

Department of Neurology
Ain Shams University
Cairo, Egypt

PROGRAMME

Thursday, 29 November 2018

- 8.15 Registration
8.45 Introduction and welcome
J. Inshasi (UAE)

Session I News in MS immunology

Chairs: R. Alroughani (Kuwait), B. Yamout (Lebanon)

- 9.00 L1: **Revisiting the role of B and T cells subsets in MS pathogenesis**
P. Vermersch (France)
- 9.30 L2: **How to address pathogenetic B and T cells with innovative MS treatments**
H. Wiendl (Germany)
- 10.00  CC1: **From bench to bedside: clinical cases on protective and risky immune reconstitution**
R. Alroughani (Kuwait), P. Vermersch (France)
- 10.45 Coffee break

Session II Clues for MS diagnosis and assessments

Chairs: J. Inshasi (UAE), H. Wiendl (Germany)

- 11.00 L3: **Diagnostic criteria for MS and NMO spectrum disorder: recent changes and new biomarkers**
M.A. Sahraian (Iran)
- 11.30 L4: **Conventional and advanced imaging to estimate prognosis**
R. Alroughani (Kuwait)
- 12.00 L5: **Progressive MS: determinants of worsening disability**
M.F. Zakaria (Egypt)
- 12.30  CC2: **From theory to practice: clinical cases with challenging differential diagnosis/prognostic evaluation**
M.A. Saharian (Iran), M.F. Zakaria (Egypt)
- 13.15 Lunch

Session III Views in MS treatment journey

Chairs: P. Rieckmann (Germany), M.A. Saharian (Iran)

- 14.15 L6: **Sequencing of disease-modifying MS therapies: a matter of efficacy**
B. Yamout (Lebanon)
- 14.45 L7: **Sequencing of disease-modifying MS therapies: a matter of safety**
P. Vermersch (France)
- 15.15 L8: **Quantifying individual risks: a multidisciplinary approach**
P. Rieckmann (Germany)
- 15.45  CC3: **From today to tomorrow: clinical cases with challenging comorbidities in the new treatment scenario**
B. Yamout (Lebanon), P. Rieckmann (Germany)
- 16.30 Concluding remarks and end of the workshop

Legend: L : Lecture  CC : Case presentation



ONLINE IN-DEPTH TUTORIALS January 2019

Continue your Learning Journey after the live intervention!

VIDEO LECTURE

The in-depth tutorial will be a video lecture by Professor Hellwig regarding MS in pregnancy. Through the use of scribing technique, you will be able to:

1. Describe the natural history of pregnancy in MS
2. Illustrate prognostic factors predicting maternal and fetal clinical outcome
3. Explain risks of treatments regarding pregnancy in MS

ON-LINE COURSE

This on-line course prepared by Professor Stankoff, focuses on the biological and cellular mechanisms behind remyelination and of the imaging techniques, both in use and under development, for measuring remyelination dynamics.

At the end of the course, you will be able to:

1. Explain the cellular and molecular mechanisms associated with demyelination and remyelination in MS
2. Illustrate the key imaging techniques suitable for investigating demyelination and remyelination
3. Clarify future application of dynamic imaging of remyelination to MS

Registration

➤ The registration fee for the whole blended programme is **EUR 150,00** and includes:

- Access to the online tutorials
- Scientific sessions
- Coffee breaks and lunch
- Educational materials
- Certificate of attendance

Dinner is not included

For registration, accommodation and any logistic inquiry, please contact:

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