

2026
MASTERCLASS
ON PREGNANCY IN
MS AND ANTIBODY
MEDIATED
NEUROLOGICAL
DISEASES

June 10-12, 2026 - Rome, Italy

An educational programme in collaboration with

Scientific Organisers

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Aim and Rationale of the Masterclass

Over the past two decades extensive research has established that Multiple Sclerosis (MS) should no longer be considered a barrier to family planning, encouraging a growing number of women with MS to consider motherhood. Concurrently, the earlier and broader use of disease-modifying therapies (DMTs) and the growing role of fertility and assisted reproductive techniques, have increased the complexity of reproductive counseling.

The present Masterclass was conceived to address the rising demand for **practical, evidence-based guidance** on family planning in MS. The course is specifically designed to answer the most frequently encountered clinical questions faced by neurologists in daily practice, spanning the management of DMTs from preconception to the postpartum period, infection prevention strategies, breastfeeding, and the recognition and treatment of mood disturbances. Alongside practical workshops, leading experts will present and critically discuss the most recent evidence and **emerging biomarkers** to monitor disease activity aiming to bridge the gap between scientific advances and real-world clinical practice.

Building on the MS experience, this Masterclass adopts a **translational and disease-spanning approach** to pregnancy management in autoimmune neurological disorders.

Particular focus will be placed on family planning management in Neuromyelitis Optica Spectrum Disorders (NMOSD) and MOG antibody-associated disease (MOGAD), autoimmune encephalitides, and autoimmune neurological conditions involving the peripheral nervous system, such as Myasthenia Gravis (MG). Across these disorders, the introduction of high-efficacy targeted therapies has fundamentally changed the reproductive outlook, introducing complex diagnostic and therapeutic considerations, ultimately highlighting the need for shared expertise and structured, multidisciplinary management strategies.

Through a combination of lectures delivered by internationally recognized experts, interactive case-based workshops, and follow-up online modules, this Masterclass aims to equip neurologists with the knowledge, tools, and confidence required to manage family planning in autoimmune neurological diseases with multidisciplinary evidence driven approach.

Learning objectives

- Acquire knowledge regarding the immunology of pregnancy in treated and untreated women with MS and autoimmune neurological diseases
- Define clinical, radiological and emerging molecular indicators for MS disease activity monitoring during pregnancy and postpartum
- Optimize preconception counseling and pregnancy and post-partum management in women with NMOSD, MOGAD, autoimmune encephalitis and MG
- Promote the multidisciplinary, structured 'MS Pregnancy Unit' model across centers

Target audience

This educational activity is designed for neurologists, gynecologists, nurses, obstetricians, pediatricians, infectivologists, biologists, with special interest or focus in MS and autoimmune neurological diseases.

Accreditation

The programme will be submitted for CME accreditation to the European Accreditation Council for Continuing Medical Education (EACCME®) and to the Italian Ministry of Health (MoH)

Scientific Secretariat

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