

## New diagnostic criteria of neuromyelitis optica spectrum disorders

دکتر مرتضی سعیدی

دانشیار بیماری‌های مغز و اعصاب: مسوول: مشهد - بیمارستان قائم - بخش بیماری‌های مغز و اعصاب - دانشگاه علوم پزشکی مشهد

Neuromyelitis optica is an inflammatory CNS syndrome distinct from MS that is associated with serum aquaporin-4 immunoglobulin G antibodies (AQP4-IgG). The new nomenclature defines the unifying term NMO spectrum disorders (NMOSD), which is stratified further by serologic testing (NMOSD with or without AQP4-IgG). The core clinical characteristics required for patients with NMOSD with AQP4-IgG include clinical syndromes or MRI findings related to optic nerve, spinal cord, area postrema, other brainstem, diencephalic, or cerebral presentations. More stringent clinical criteria, with additional neuroimaging findings, are required for diagnosis of NMOSD without AQP4-IgG or when serologic testing is unavailable. The IPND also proposed validation strategies and achieved consensus on pediatric NMOSD diagnosis and the concepts of monophasic NMOSD and opticospinal MS.

**Keywords :** NMO spectrum - Diagnostic criteria