



윤 병 남

인하대학교 의과대학 인하대병원 신경과

Byung-Nam Yoon

Department of Neurology, Inha University Hospital, Incheon, Korea

Neuromuscular diseases (NMD) include very various diseases such as motor neuron disease, radiculopathy, plexopathy, neuropathy, neuromuscular junction disorder and myopathy. The problem is that the incidences of each disease are not high and not well known. Recently, the concepts and the guideline for each disease are rapidly being introduced. In this review, we will focus on the updates of several neuromuscular diseases. The updates include the treatment of amyotrophic lateral sclerosis and myasthenia gravis (1); newly introduced therapy of the Duchenne muscular dystrophy (Drisapersen), spinal muscular atrophy (Nusinersen), and CMT 1-A (PTX3003) (2); an epidemiologic study of NMD (3); correlation between genotype (PABPN1) and disease severity in oculopharyngeal muscular dystrophy (4); the concepts of reversible conduction failure in Guillain-Barre syndrome (5). We also described the guideline and protocol for steroid and other immune-modulating therapy in NMD. A brief discussion of Zika virus-associated Guillain-Barre syndrome is included.

Key Words: Neuromuscular diseases, Duchenne muscular dystrophy, Spinal muscular atrophy, Guillain-Barre syndrome, Steroid, Zika virus