



신 하 영

연세대학교 의과대학 신경과학교실

## Nerve Conduction Study and Electromyography

Ha Young Shin, MD

Department of Neurology, Yonsei University College of Medicine, Seoul, Korea

---

The electrodiagnostic studies, consisting of nerve conduction studies and needle electrodiagnosis, provide valuable information to neuromuscular function for evaluating patients with suspected neuromuscular disorders. The electrodiagnostic studies play an important role in localization of neuromuscular disorders. In addition, these studies help to define the underlying pathologic processes, such as demyelination or axonal loss. The techniques of electrodiagnostic studies are standardized. However, potential technical problems during the studies may interfere with accurate and reliable information acquisition and the data interpretation. The electrodiagnostic studies must be performed with careful attention to technique and be interpreted in a clinical context. This session will review the basic concept and technical aspects of the nerve conduction studies and needle electromyography.

---

**Key Words:** Nerve conduction study; Electromyography

---

Ha Young Shin, MD

Department of Neurology, Yonsei University College of Medicine, 50

Yonsei-ro, Seodaemun-gu, Seoul 120-752, Korea

TEL: +82-2-2228-1600 FAX: +82-2-393-0705

E-mail: hayshin@yuhs.ac