

신경근육질환에서 전기진단검사의 적용



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How to design electrophysiological tests

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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. In addition, how to design electrodiagnostic tests will be discussed.

Key Words: Nerve conduction study, Electromyography, Electrodiagnostic tests

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