

The role of neuro-electrophysiological diagnostic tests in clinical medicine

Abstract:

To summarise and discuss the role of neuro-electrophysiological diagnostic tests in clinical medicine.

DATA SOURCES: Published original research and reviews to date. STUDY SELECTION: The review was with emphasis on diagnosis of peripheral neuropathic and neuromuscular disorders. DATA EXTRACTION AND

SYNTHESIS: On-line and manual library searches provided information and data on which the summaries

and discussions were based. Some physicians are not yet aware of some of the tests and some may not

know their indications. In this article a review is made of evoked potential tests, nerve conduction tests

and electromyography in diagnosis of neurological diseases. An attempt has been made to clearly show

their indications, and relative importance. CONCLUSION: Studies clearly show that neuro-

electrophysiological tests are important in neurological diagnosis in clinical medicine and are an

extension of the physical examination