Niedermeyer’s Electroencephalography: Basic Principles, Clinical Applications, and Related Fields

The leading reference on electroencephalography since 1982, Niedermeyer’s Electroencephalography is now in its thoroughly updated sixth edition.

An international group of experts provides comprehensive coverage of the neurophysiologic and technical aspects of EEG, evoked potentials, and magnetoencephalography, as well as the clinical applications of these studies in neonates, infants, children, adults, and older adults.

With this edition, Dr. Niedermeyer turns over the reins of lead editor to Donald Schomer, Professor of Neurology at Harvard Medical School. Dr. Schomer has updated the technical information and added a major new chapter that identifies and demonstrates a wide variety of artifacts. Other highlights include a chapter on integrating other recording devices with EEG; chapters on transcranial electrical and magnetic stimulation; complete coverage of EEG in the intensive care unit; a new chapter on EEG/TMS in evaluation of cognitive and mood disorders; and new chapters on sleep in premature infants, children and adolescents, and the elderly.

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