Written by a noted leader in electroneurodiagnostic technology, this book will be a standard text and reference for technologists, neurology residents, and clinical neurophysiology fellows.

The first part covers the technical aspects of electroneurodiagnosis, including basic electronics and recording techniques; the second part covers the clinical applications and diagnostic utilities of electroneurodiagnosis for various central nervous system disorders.

The text focuses on digital recording and includes analyses based on digital data. Emphasis is on pattern recognition, artifacts recognition, technical pitfalls, and the clinical correlates of electroencephalography. The book includes material to assist students in recognizing specific artifacts. Coverage includes principles of digital recording, electronics and electrical safety. This book is a valuable aid in preparing for the ABRET (American Board of Registration of Electroencephalographic and Evoked Potential Technologists) certification or the neurophysiology boards.