Most neurological disorders are chronic and aging-related. With the increase of life expectancy their incidence and prevalence will grow in the decades to come, which in turn will increase the load on medical and social systems worldwide. There is thus a desperate need for successful preventive and therapeutic measures based on randomized clinical trials (RTCs) conducted by independent organizations. This book provides a compendium relating most of the principles of reliable RTCs to specific neurological diseases. Contributed by specialized neurologists, the articles touch on important aspects of RCTs with a clear critical approach, highlighting their limitations as well as giving recommendations for their planning and conducting to address the variable genotypic and phenotypic aspects of neurological conditions. Consideration is also given to combining the clinical impact of the study results with patients’ values and the interests of pharmaceutical companies.

Neurologists involved in clinical trials will certainly benefit from this book, which should become a basic text for all neurological courses dealing with evidence-based neurology.

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Interest in the history of neurological science has increased significantly during the last decade, but the significance of war has been overlooked in related research. In contrast, this book highlights war as a factor of progress in neurological science. Light is shed on this little-known topic through accounts given by neurologists in war, experiences of soldiers suffering from neurological diseases, and chapters dedicated to neurology in total and contemporary war.

Written by experts, the contributions in this book focus on the Napoleonic Wars, the American Civil War, the Franco-Prussian War of 1870, World Wars I and II, and recent conflicts such as Vietnam or Afghanistan.

Comprehensive yet concise and accessible, this book serves as a fascinating read for neurologists, neurosurgeons, psychiatrists, historians, and anyone else interested in the history of neurology.

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