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After decades of focusing on how to alleviate and prevent recurrence of acute CNS injuries, the emphasis has finally shifted towards repairing such devastating events and rehabilitation. This development has been made possible by substantial progress in understanding the scientific underpinnings of recovery as well as by novel diagnostic tools, and most importantly, by emerging therapies awaiting clinical trials.

In this publication, several international experts introduce novel areas of neurological reorganization and repair following CNS damage. Principles and methods to monitor and augment neuroplasticity are explored in depth and supplemented by a critical appraisal of neurological repair mechanisms and possibilities to curtail disability using computer or robotic interfaces. Rather than providing a textbook approach of CNS restoration, the editors selected topics where progress is most imminent in this labyrinthine domain of medicine. Moreover, the varied background and origins of the contributors lend this book a truly global perspective on the current state of affairs in neurological recovery.

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Psychiatric symptoms are common in the neurological and geriatric care of patients with Parkinson's disease. This book assembles short reviews from experts in the field to chart the various psychiatric syndromes known in Parkinson's disease, their presentation, etiology, and management. Presented are special topics on epidemiology of psychiatric symptoms, affective disorders and apathy, early cognitive impairment through to dementia, visuoperceptual dysfunction, psychotic disorders, sleep disturbances, impulse disorders and sexual problems. Further, rarely discussed issues, such as the relationship between somatoform disorders and parkinsonism are reviewed. This publication is essential reading for old age psychiatrists, gerontologists and neurologists who work with patients suffering from Parkinson's disease. In addition, health practitioners who deal with senior patients, as well as scientists who need a quick update on the progress in this important clinical field will find this volume a helpful reference.

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An amazing and fascinating look at neurological conditions in fiction and film

Literary Medicine: Brain Disease and Doctors in Novels, Theater, and Film

Editors
Julien Bogousslavsky
Sebastian Dieguez

Classical and modern literature is full of patients with interesting neurological, cognitive, or psychiatric diseases, often including detailed and accurate descriptions, which suggests the authors were inspired by observations of real people. In many cases these literary portrayals of diseases even predate their formal identification by medical science. Fictional literature encompasses nearly all kinds of disorders affecting the nervous system, with certain favorites such as memory loss and behavioral syndromes. There are even unique observations that cannot be found in scientific and clinical literature because of the lack of appropriate studies. Not only does literature offer a creative and humane look at disorders of the brain and mind, but just as authors have been inspired by medicine and real disorders, clinicians have also gained knowledge from literary depictions of the disorders they encounter in their daily practice. This book provides an amazing and fascinating look at neurological conditions, patients, and doctors in literature and film in a way which is both nostalgic and novel.

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