

Medicine

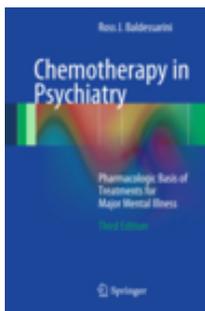
Spring 2014 - Title Selection

Neurology

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Medicine
Neurology

978-1-4614-7926-0	Baldessarini	Chemotherapy in Psychiatry	Pharmacologic Basis of Treatments for Major Mental Illness
978-1-4471-5648-2	Bartolomeo	Attention Disorders After Right Brain Damage	Living in Halved Worlds
978-0-85729-590-3	Brandt	Vertigo and Dizziness	Common Complaints
978-1-4419-6368-0	Frucht	The Neurology of String Instrument Performance	A Practical Guide for Clinicians, Teachers and Performers
978-88-470-5387-8	Garbarino	Sleepiness and Human Impact Assessment	
978-4-431-54188-2	Kaga	ABRs in child audiology, neurotology and neurology	
978-1-4471-5528-7	Leff	Alexia	Diagnosis, Treatment and Theory
978-88-470-5464-6	Malferrari	Neurosonological Evaluation of Cerebral Venous Outflow	An Ultrasound Atlas
978-3-319-01606-1	Rana	Differential Diagnosis of Movement Disorders in Clinical Practice	
978-0-85729-490-6	Sejersen	Acute Pediatric Neurology	
978-3-319-01365-7	Tatum	Epilepsy Case Studies	Pearls for Patient Care
978-4-431-54173-8	Usami	Molecular Diagnosis of Deafness	
978-3-7091-0686-0	Wenning	Multiple System Atrophy	
978-1-4614-8910-8	Wijdicks	Famous First Papers for the Neurointensivist	



R.J. Baldessarini

Chemotherapy in Psychiatry

Pharmacologic Basis of Treatments for Major Mental Illness

Use of psychotropic drugs has come to dominate clinical practice in psychiatry worldwide—perhaps owing largely to perceived simplicity, ease of use, and apparent efficiency, as well as apparent cost-effectiveness of such treatments. Nevertheless, medicinal treatments for patients with psychiatric disorders are but one component of comprehensive clinical care of complex human problems. Extensively updated since its second edition in 1985, *Chemotherapy in Psychiatry, Third Edition*, again addresses basic aspects of modern psychopharmacology and clinical applications of drugs used in the treatment of major psychiatric disorders, with major emphasis on psychotic, bipolar, and depressive[...]

More on www.springer.com/978-1-4614-3709-3

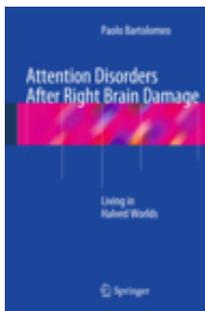
Softcover

2013. XI, 272 p. 36 illus.

► **74,89 €**

ISBN 978-1-4614-7926-0

gewöhnlich versandfertig in 3-5 Werktagen



P. Bartolomeo

Attention Disorders After Right Brain Damage

Living in Halved Worlds

This book provides an overview of attentional impairments in brain-damaged patients from both clinical and neuroscientific perspectives, and aims to offer a comprehensive, succinct treatment of these topics useful to both clinicians and scholars. A main focus of the book concerns left visual neglect, a dramatic but often overlooked consequence of right hemisphere damage, usually of vascular origin, but also resulting from other causes such as neurodegenerative conditions. The study of neglect offers a key to understand the brain's functioning at the level of large-scale networks, and not only based on discrete anatomical structures. Patients are often unaware of their deficits[...]



ical structures. Patients are often unaware of their deficits[...]

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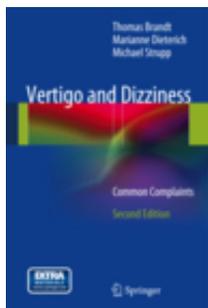
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ISBN 978-1-4471-5648-2

gewöhnlich versandfertig in 3-5 Werktagen



Th. Brandt, M. Dieterich, M. Strupp

Vertigo and Dizziness

Common Complaints

Vertigo and Dizziness: Common Complaints, Second Edition revises and updates the first edition to reflect the advances that have taken place in this field. Valid epidemiological studies are now available on the prevalence and incidence of these illnesses. There have been improvements in diagnostic criteria and important new principles in the treatment of vertigo and balance disorders are outlined for use in clinical practice, supported by video examples. Practitioners are also given access to the wealth of new, scientifically interesting findings on the pathophysiology, etiology, signs and symptoms and current treatment of peripheral and central vestibular disorders as well as[...]

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Forthcoming

S.J. Frucht (Ed.)

The Neurology of String Instrument Performance

A Practical Guide for Clinicians, Teachers and Performers

In *The Neurology of String Instrument Performance: A Practical Guide for Clinicians, Teachers and Performers*, a noted neurologist-researcher and classically trained string instrumentalist offers the first in-depth and comprehensive overview of the field, including detailed, practical advice for string injury prevention and management. With the explosive advances in neurological measurement and imaging technologies in the last decade, research on the interplay between science and music has expanded dra-



matically. One of these subfields, the neurology of music, has grown significantly in recent years, and the field of string instrumental performance is now benefiting extensively[...]

More on www.springer.com/978-1-4419-6368-0

Hardcover

2014. 300p. 100 illus., 50 illus. in color.

► **ca. 149,75 €**

ISBN 978-1-4419-6368-0

Erscheinungstermin: March 28, 2014



S. Garbarino, L. Nobili, G. Costa (Eds.)

Sleepiness and Human Impact Assessment

The World Health Organization supports tools and initiatives in Health Impact Assessment to dynamically improve health and well-being across different sectors. Human Impact Assessment (HuIA) is a relatively new concept. It describes an integrated process that encompasses both Health Impact Assessment and Social Impact Assessment and is used to anticipate the effects of programs, projects and decisions on human health and welfare. Sleep occupies approximately one-third of our lives, but its human impact remains largely unrecognized. The prevalence of excessive sleepiness is recognized to be increasing in industrialized societies. Without doubt, sleepiness and fatigue have high costs in[...]

More on www.springer.com/978-88-470-5387-8

Hardcover

2014. XIV, 329 p. 27 illus., 14 illus. in color.

► **149,79 €**

ISBN 978-88-470-5387-8

Erscheinungstermin: March 31, 2014

K. Kaga

ABRs in child audiology, neurotology and neurology

For more than 40 years, Auditory Brainstem Responses (ABRs) have been used as a diagnostic tool for hearing disorders and brainstem disorders in the pediatric audiology and neurotology and child neurology. While there are many publications in this field, this new volume will review hearing problems and neurological disorders in babies, infants and children, and discuss important new advances such as ABR figure and threshold changes with infant development. The book will also cover auditory neuropathy, its numerous and new sub-classifications. Readers will be thoroughly briefed on all the new per-



spectives in interpreting data. Researchers and clinicians will find the text to be a[...]

More on www.springer.com/978-4-431-54188-2

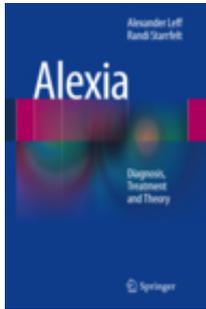
Hardcover

2014. Approx. 150 p. 200 illus. (Modern Otology and Neurotology)

► **ca. 106,95 €**

ISBN 978-4-431-54188-2

Erscheinungstermin: January 2014



A. Leff, R. Starrfelt

Alexia

Diagnosis, Treatment and Theory

This book is a comprehensive review of the main acquired disorders of reading: hemianopic, pure and central alexia. The authors review the diagnostic criteria for each of the different types of disorder, and the efficacy of the therapeutic studies that have attempted to remediate them. The different theoretical models of adult reading, which largely rest on how the reading system responds to injury, are also discussed and evaluated. Focal brain injury caused by stroke and brain tumors are discussed in depth as are the effects of dementia on reading. This book starts with a chapter on normal reading, followed by chapters on hemianopic alexia, pure alexia and central alexia, each[...]

More on www.springer.com/978-1-4471-5528-7

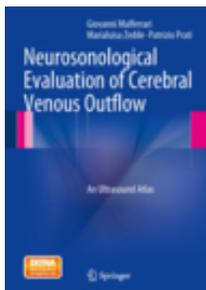
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gewöhnlich versandfertig in 3-5 Werktagen



G. Malferrari, M. Zedde, P. Prati

Neurosonological Evaluation of Cerebral Venous Outflow

An Ultrasound Atlas

Although, within neurosonology, study of both the extracranial and the intracranial circulation began

at least 15 years ago, it is only in recent years that ultrasound evaluation of cerebral veins and cerebral venous hemodynamics has attracted wider attention. Nevertheless, the huge variability in venous outflow pathways in normal subjects means that the potential usefulness of this examination is still often neglected. This atlas provides concise descriptions of the main normal and pathological ultrasound features of the cerebral venous circulation for neurosonologists and clinicians. It is designed as a practical tool that will be of assistance in everyday practice in the ultrasound[...]

More on www.springer.com/978-88-470-5464-6

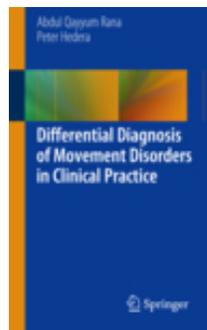
Hardcover

2014. IX, 139 p. 162 illus., 156 illus. in color.

► **106,99 €**

ISBN 978-88-470-5464-6

Versandfertig innerhalb von 3 Tagen.



A.Q. Rana, P. Hedera

Differential Diagnosis of Movement Disorders in Clinical Practice

This practical, pocket-sized, quick reference book is for those who need to manage movement disorder patients without the immediate help of a movement disorder neurologist. Only the most pertinent information is covered. This book is divided into five chapters covering the common phenomenology of movement disorders and includes tremor, dystonia, chorea, myoclonus, and tics. The etiology, pathophysiology, symptoms and treatments of these conditions are briefly reviewed, with the emphasis on the most common practical challenges encountered with these patients. Differential Diagnosis of Movement Disorders in Clinical Practice is aimed at postgraduates training in neurology, emergency care[...]

More on www.springer.com/978-3-319-01606-1

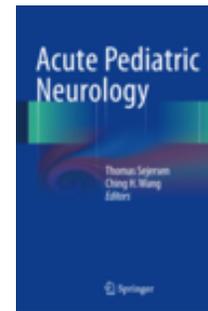
Softcover

2014. IX, 112 p. 8 illus.

► **42,79 €**

ISBN 978-3-319-01606-1

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Th. Sejersen, C.H. Wang (Eds.)

Acute Pediatric Neurology

This book provides recommendations for evaluation and therapy in the area of acute pediatric neurology; these are presented didactically with frequent use of illustrations and algorithms. Chapters in the first part of the book discuss presenting symptoms of acute neurological conditions. The second part of the book covers major areas of acute pediatric neurology and each of these chapters has three key elements: description of presenting symptoms; recommended assessments; and recommended interventions. Acute Pediatric Neurology provides an accessible, clinically focused guide to assist physicians in the emergency ward or intensive care unit in decisions on diagnosis and therapeutic[...]

More on www.springer.com/978-0-85729-490-6

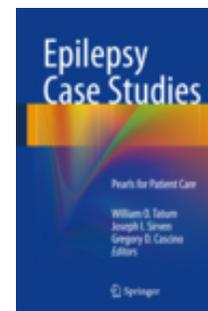
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ISBN 978-0-85729-490-6

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W.O. Tatum, J.L. Sirven, G.D. Cascino (Eds.)

Epilepsy Case Studies

Pearls for Patient Care

Written by expert epilepsy clinicians from the Mayo Clinic, Epilepsy Case Studies: Pearls for Patient Care presents a wide variety of case histories drawn from "real life" experiences in people with seizures. Designed to stimulate the same deductive reasoning that is commonly used when seeing epilepsy patients in the clinic, this practical book presents the clinical scenario and then poses a range of stimulating questions to organize the reader's thoughts to address each case. Questions that revolve around each case include common ones such as "How does this test help us with the diagnosis?" and "What is the precise relation-

ship of the patient's seizures to their overall neurological[...]

More on www.springer.com/978-3-319-01365-7

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Forthcoming

S.-i. Usami

Molecular Diagnosis of Deafness

Genetic disorders are a common cause of congenital/early-onset sensorineural hearing loss. The identification of genes that are responsible for hearing loss is a breakthrough approach and has advanced our knowledge of the biology of hearing. Despite advances in the discovery of deafness genes, clinical application still presents problems because of the genetic heterogeneity of deafness. Genetic testing has become more important for highly accurate diagnosis, predicting the severity of hearing loss and associated abnormalities, selecting appropriate treatment options, preventing hearing loss, and better genetic counseling. In this book, the genes responsible for hearing loss will be[...]

More on www.springer.com/978-4-431-54173-8

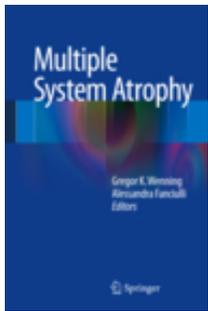
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2014. Approx. 150 p. 50 illus., 10 illus. in color. (Modern Otology and Neurotology, Band 2)

► **ca. 106,95 €**

ISBN 978-4-431-54173-8

Erscheinungstermin: February 28, 2014



G.K. Wenning, A. Fanciulli (Eds.)

Multiple System Atrophy

This textbook provides a comprehensive monography on multiple system atrophy (MSA), a rare and fatal neurodegenerative disorder that presents with autonomic failure and either parkinsonism (MSA-P) or cerebellar ataxia (MSA-C). The underlying neuropathology of MSA is characterized by striatonigral degeneration (SND), olivopontocerebellar atrophy (OPCA) and unique oligodendroglial cytoplasmic alpha-synuclein inclusions. MSA is therefore classified among the alpha-synucleinopathies such as Parkinson's disease, pure autonomic failure and dementia with Lewy bodies. Over the last decade there

have been important advances in early diagnosis, pathogenesis research and clinical trial activity.[...]

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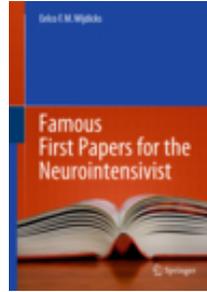
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E.F. Wijdicks

Famous First Papers for the Neurointensivist

A major contribution to the literature in neurology from renowned neurointensivist Eelco F.M. Wijdicks, MD, PhD, Famous First Papers for the Neurointensivist presents and critically assesses numerous papers that have made a profound impact on the diagnosis and treatment of neurologically acute conditions. In general, there has been little historical work in acute neurologic conditions, precisely because neurology is not perceived through this perspective. Famous First Papers for the Neurointensivist addresses this problem by a scholarly treatment of early descriptions of clinical signs, syndromes and presenting the development of treatment of these acute disorders. Using a uniform and[...]

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