You have just encountered a possible stroke patient. You ask yourself, what should I do first? How do I know it is a stroke? Is it too late to reverse the damage? How do I do the right things in the right order? This book will help you answer these critical questions. It provides practical advice on the care of stroke patients in a range of acute settings. All types of stroke are covered. A comprehensive set of appendices contain useful reference information including dosing algorithms and stroke scales.

- Provides practical advice on the emergency care of stroke patients
- Tells you how to do the right things in the right order
- Includes appendices of useful reference information

Contents:

Cambridge Pocket Clinicians series

2007 178 x 108 mm 230pp 9 line diagrams 13 half-tones 15 tables
978-0-521-67494-2 Paperback £25.99
The Behavioral and Cognitive Neurology of Stroke
Edited by Olivier Godefroy
Université de Picardie Jules Verne, Amiens
and Julien Bogousslavsky
Université de Lausanne, Switzerland

The care of stroke patients has changed dramatically in recent years. As well as improvements in the emergency care of the condition, there have been marked advances in our understanding, management and rehabilitation of residual deficits. This book is about the care of stroke patients, focusing on behavioral and cognitive problems. It provides a comprehensive review of the field covering the diagnostic value of these conditions, in the acute and later phases, their requirements in terms of treatment and management, and the likelihood and significance of long-term disability.

- Provides a comprehensive review of the disorders observed in stroke
- Combines information from neuropsychological and stroke studies
- Describes the assessment and care of these disorders

Contents:

2007 247 x 174 mm 664pp
93 line diagrams  8 colour plates  120 tables
978-0-521-84261-7 Hardback £85.00

Case Studies in Stroke
Common and Uncommon Presentations
Michael G. Hennerici
Universität Mannheim, Germany
Michael Daffertshofer
Universität Mannheim, Germany
Louis R. Caplan
Harvard University, Massachusetts
and Kristina Szabo
Universität Mannheim, Germany

This selection of 60 stroke cases will inform and challenge clinicians at all stages in their careers. Including both common and unusual cases, the aim is to reinforce diagnostic skills through careful analysis of individual presenting patterns, and to guide treatment decisions. Each case is illustrated, and includes history, examination and diagnosis with a discussion of the clinical issues in which the main teaching points are emphasized. Selected references, frequently including the first description, are provided at the conclusion of each case.

- Cases selected by leading teachers and clinicians
- Illustrated with neuroimaging findings
- Discussion of main teaching points of each case

2006 247 x 174 mm 290pp 8 line diagrams 50 half-tones
978-0-521-67367-9 Paperback £35.00

The A-Z of Neurological Practice
A Guide to Clinical Neurology
Roger A. Barker
University of Cambridge
Neil Scolding
Institute of Clinical Neurosciences, Bristol
Dominic Rowe
University of Sydney
and Andrew J. Larner
Walton Centre for Neurology and Neurosurgery, Liverpool

A pocket-sized ready-reference to neurology. Organised from A to Z, the content consists of a series of entries, each one describing, in a readable and accessible style, an aspect of neurology. This ranges from providing overviews of major groups of diseases (e.g. the dementias) to more detailed coverage of specific disease categories (e.g. Alzheimer’s disease). This will become an essential resource for all those undertaking training in neurology, as well as providing a reference source for generalists looking for a readable synopsis of neurological conditions.

- Succinct and structured coverage of neurology
- Organised for ease of access and navigation

“This book is small enough to be thrown into a bag or briefcase on the way to the clinic and yet its scope is broad. It is well written … It is no small feat to cover the breadth of neurological conditions in such a small form-factor. … It is ideally placed as a quick and handy reference guide. It must be recommended.”

ACTA NEUROCHIRURGICA
2004 186 x 123 mm 938pp
978-0-521-62960-7 Paperback £25.99

CLINICAL NEUROLOGY
Clinical Uses of Botulinum Toxins
Edited by Anthony B. Ward
University Hospital of North Staffordshire
and Michael P. Barnes
Hunters Moor Regional Neurological Rehabilitation Centre
Botulinum toxins play a very significant role in the management of many medical conditions; from headaches to hypersalivation, and spasticity to sweating. In this book, an international team of experts outline the neurochemistry of botulinum toxins and their progress from laboratory to clinic. Following chapters summarize their clinical use in the context of other available treatments. The book will be of interest to neuroscientists and practising clinicians working in a wide range of specialties, from neurology and dermatology to pediatrics, plastic surgery and rehabilitation medicine.
• An international team of experts
comprehensive review of botulinum toxins.
• Covers the main indications for the clinical
use of botulinum toxin in a wide range of
specialties and covers the basic
neurochemistry and commercial
development of the toxin

2007 247 x 174 mm 394pp
24 line diagrams 23 half-tones 47 tables
978-0-521-83304-2 Hardback £65.00

Dizziness
A Practical Approach to Diagnosis and Management
Adolfo M. Bronstein
Charing Cross Hospital, London
and Thomas Lempert
Charte University Hospital and Schlosspark-Klinik, Berlin
A novel approach to the diagnosis of dizziness, with chapters organized by clinical presentations. A table with differential diagnoses is given at the beginning of each chapter, including key features of each disorder. The authors’ friendly approach extends to advice on history taking, clinical examination and treatment, and each chapter ends with hints on ‘what to do if you haven’t a clue’. Common disorders are highlighted, with brief coverage of rarities, and a useful CD shows the clinical examination, positioning and exercises for vestibular rehabilitation.
• Organised to assist differential diagnosis
• Inspires confidence in a difficult clinical area
• CD shows how to examine and position the patient
• Hints on ‘what to do if you haven’t a clue’


Cambridge Clinical Guides
2007 228 x 152 mm 238pp
24 line diagrams 15 half-tones 22 tables
2 graphs 41 figures
978-0-521-83791-0 PB and CD-ROM £35.00

Frontotemporal Dementia Syndromes
Edited by John R. Hodges
University of Cambridge
In the past decade there have been enormous advances in our understanding of frontotemporal dementia and related syndromes. The impetus for these advances has come from a number of directions including genetic discoveries, new approaches to neuroimaging and improved neuropsychological understanding of the cognitive aspects of the condition. This book provides a much needed review of the current status of our knowledge of these syndromes. Frontotemporal Dementia Syndromes will be essential reading for neurologists, psychologists, and psychiatrists, as well as to basic scientists working in the area of neurodegeneration.
• Provides a comprehensive update of a
dynamic area of research from a team at the
forefront of the field
• Covers the very latest advances from the
fields of genetics, neuroimaging and
neuropsychology
• Proposes a multidisciplinary approach to
patient management

2007 247 x 174 mm 354pp 14 line diagrams 19 half-tones 1 colour plate 22 tables
978-0-521-85477-1 Hardback c. £60.00
The Pseudotumor Cerebri Syndrome
Pseudotumor Cerebri, Idiopathic Intracranial Hypertension, Benign intracranial Hypertension and Related Conditions
Ian Johnston
University of Sydney
Brian Owler
Westmead Hospital, Sydney
and John Pickard
University of Cambridge

The condition known most widely as pseudotumor cerebri syndrome is of diagnostic interest and clinical importance not just to neurosurgeons, but to neurologists, ophthalmologists and headache specialists. Three clinicians with extensive experience of pseudotumor cerebri provide a comprehensive review of the condition including its history, discussion of the more contentious issues, aetiology, investigative findings and strategies, treatment and outcome, and a wide-ranging review of the clinical literature. Concluding with a chapter on experimental studies, this book points the way to a more complete understanding of this controversial condition.

- A comprehensive review giving clinicians the basis for a rational approach to diagnosis and management
- Based on the authors’ own extensive patient series and literature review
- Resolves issues of aetiology and terminology with a unifying hypothesis

Contents:

2007 247 x 174 mm 368pp
18 line diagrams 24 half-tones 30 tables
44 figures
978-0-521-86919-5 Hardback £85.00

Antiepileptic Drugs
Combination Therapy and Interactions
Edited by Jerzy Majkowski
Foundation of Epileptology, Warsaw
Blaise F. D. Bourgeois
Harvard University, Massachusetts
Philip N. Patsalos
Institute of Neurology, London
and Richard H. Mattson
Yale University, Connecticut

This book reviews the use of antiepileptic drugs focusing on the interactions between these drugs and between antiepileptics and other drugs. These interactions can be beneficial or can cause harm. The aim is to increase awareness of the possible impact of combination pharmacotherapies. Pharmacokinetic and pharmacodynamic interactions are discussed supported by clinical and experimental data. The book consists of five sections covering the general concepts of combination therapies, the principles of drug interactions, the mechanisms of interactions, drug interactions in specific populations and future directions for this field of research.

- Covers the benefits and pitfalls of combination therapy
- Describes mechanisms of interactions as well as clinical significance
- Contributions from an international team of authors and editors

2005 247 x 174 mm 514pp
16 line diagrams
978-0-521-82219-0 Hardback £90.00

Palliative Neurology
Ian Maddocks
Flinders University of South Australia
Bruce Brew
University of New South Wales, Sydney
Heather Waddy
Wakefield Hospital Specialist Centre, Adelaide
and Ian Williams
Walton Centre for Neurology & Neurosurgery

Techniques of palliative care have evolved as a reaction to discomforts such as pain in terminal cancer. Neurological disorders, including dementia, stroke, Parkinson’s disease or multiple sclerosis cause different discomforts, and they commonly persist for years. This handbook offers practical advice about how the multi-disciplinary approach to comprehensive care that developed in early models of palliative management can bring support and symptom relief to those who suffer from chronic neurological diseases. It should be read by clinicians and allied health professionals involved in the care of those with neurological disorders.

“If you need a quick and easy introduction to palliative care and answers to symptom control questions then Palliative Neurology… is for you…”

ADVANCES IN CLINICAL NEUROSCIENCE AND REHABILITATION

Contents: Part I. Palliative Management; Part II. Fatigue; Part III. Major neurological conditions requiring palliation; Part IV. Ethical issues; Part V. Appendices.

2005 228 x 152 mm 276pp 8 figures
978-0-521-67249-8 Paperback £31.99
NEUROSCIENCE

Plasticity in the Human Nervous System
Investigations with Transcranial Magnetic Stimulation
Edited by Simon Boniface
Addenbrooke’s Hospital, Cambridge
and Ulf Ziemann
Johann Wolfgang Goethe-Universität Frankfurt

Transcranial magnetic stimulation (TMS) is a non-invasive and painless technique that has opened up completely new and fascinating avenues to study neural plasticity. Current knowledge of all these exciting possibilities is brought together in this book, written by the world’s leading experts in the field. The book is an essential compendium on plasticity of the human brain in health and disease, for clinical neurophysiologists, neurologists, psychiatrists and neuroscientists.

- Brings together two key areas in clinical neuroscience, plasticity and TMS
- Contributors are world leaders in the field
- Of essential interest to neuroscientists and clinicians

Contents:
1. The nature and mechanisms of plasticity;
2. Techniques of transcranial magnetic stimulation;
3. Developmental plasticity of the corticospinal system;
4. Practice induced plasticity in the human motor cortex;
5. Skill learning;
6. Stimulation induced plasticity in the human motor cortex;
7. Lesions of cortex and post-stroke reorganisation;
8. Lesions of the periphery and the spinal cord;
9. Functional relevance of cortical plasticity;
10. Therapeutic uses of rTMS;

2003 247 x 174 mm 328pp
47 line diagrams 7 half-tones 2 tables
978-0-521-80727-2 Hardback £90.00

The Frontal Lobes
Development, Function and Pathology
Edited by Jarl Risberg
Lunds Universitet, Sweden
and Jordan Grafman
National Institute of Health, Bethesda, MD, USA

The frontal lobes and their functional properties are recognised as crucial to establishing our identity as autonomous human beings. This book provides a broad introductory overview of this unique brain region. In an accessible and readable style it covers the evolutionary significance of the frontal lobes, typical and atypical development pathways, the role played in normal cognition, memory and emotion, and in damaged states, resulting in a range of neurological syndromes and psychiatric disturbances. An introductory book for students of neuropsychology and practicing clinicians.

- An introductory book that contains up-to-date information about some major fields within frontal lobes research
- Contains theoretical chapters and chapters about clinical aspects on frontal lobe dysfunction
- Covers the full human lifespan and discusses evolutionary aspects on frontal lobe functions


Series for the International Neuropsychological Society

2006 247 x 174 mm 240pp
13 line diagrams 2 half-tones
978-0-521-67225-2 Paperback £35.00

Central Pain Syndrome
Pathophysiology, diagnosis and management
Sergio Canavero
University of Turin, Molinette Hospital, Turin, Italy
and Vincenzo Bonicalzi
Turin Advanced Neuromodulation Group, Turin, Italy

Central Pain Syndrome is a neurological condition caused by damage specifically to the central nervous system – brain, brainstem, or spinal cord. This is the only up-to-date book available on the clinical aspects (including diagnosis and therapy) of CPS management. The authors have developed a very complete reference source on central pain, which includes background material, pathophysiology, and diagnostic and therapeutic information.

- An up-to-date reference available on CPS management
- Pathology and its management are hot issues at this time and will make this reference an essential purchase
- Offers much of the information in tabular form for quick and easy reference


2007 253 x 177 mm 396pp 36 tables
978-0-521-86692-7 Hardback £50.00
Handbook of Experimental Neurology
Methods and Techniques in Animal Research
Edited by Turgut Tatlisumak
Helsinki University Central Hospital
and Marc Fisher
University of Massachusetts

This major new handbook covers, for the first time in one volume, every major methodology and disease model used in current neuroscience research. Written by a panel of 60 internationally regarded scientists, this book delivers critical, up-to-the-minute, methodological information and describes small animal models for almost all major neurological diseases. This book forms an essential reference volume for all neuroscientists, from beginning students to experienced researchers and professionals.

- Basic relevant information, including clearly labelled diagrams
- All major disease models and methodologies in one volume
- Written for beginners and young scientists

Contents: Part I. Principles and General Methods; Part II. Experimental Models of Major Neurological Diseases.

2006 247 x 174 mm  594pp
18 line diagrams  19 half-tones  23 tables
978-0-521-83814-6  Hardback  £130.00

The Brain and Behavior
An Introduction to Behavioral Neuroanatomy
Second edition
David Clark
Ohio State University
Nashaat Boutros
Wayne State University, Detroit
and Mario Mendez
University of California, Los Angeles

This new edition of The Brain and Behavior builds on the success of the previous edition and retains the core aim of providing an accessible introduction to behavioral neuroanatomy. The text is presented in a highly structured and organised format to help the reader distinguish between issues of anatomical, behavioural and physiological relevance. Simplified and clear diagrams are provided throughout the chapters to illustrate key points. Case examples are explored to set the neuroanatomy in the context of clinical experience.

‘The details are comprehensive in relation to adhering to the title itself, The Brain and Behaviour and it is a very important read for all physicians working in Neurology, Psychiatry, Family Medicine and Clinical Psychology … The book is informative, useful, written in a very scientific way and contains information that is important to know. It is definitely worth buying.’


2005 246 x 189 mm  278pp
76 line diagrams  21 half-tones  6 colour plates
978-0-521-54984-4  Paperback  £38.00
978-0-521-84050-7  Hardback  £70.00

The Thalamus
Second edition
Edward G. Jones
University of California, Davis

Edward G. Jones’ The Thalamus is one of the most cited publications in neuroscience. Now more than 20 years on from its first printing, the author has completely rewritten his landmark volume, incorporating the numerous developments in research and understanding of the mammalian thalamus. Available as a 2 volume boxed set, this is an up-to-date scientific review of virtually all aspects of forebrain function and a work of immense neuroscientific scholarship. Essential for neuroanatomists, neurophysiologists, molecular neurobiologists, developmental neurobiologists and clinicians, its deep historical perspective will be of value to historians of science.

- Contains a huge range of photographic examples of thalamic structure, from common animal species and humans, to rarities such as the monotremes
- Completely up-to-date, incorporating new details of molecular and genetic mechanisms of forebrain development
- A unique, one-person perspective from a leading authority on the science, history and literature of this fascinating topic

Contents: Part I. History; Part II. Fundamental Principles; Part III. Development; Part IV. Individual Thalamic Nuclei; Part V. Comparative Structure; Part VI. Conclusions.

2007 276 x 219 mm  1708pp  555 half-tones 18 tables
978-0-521-85881-6  Hardback set  £280.00

NEUROSCIENCE
The Circuitry of the Human Spinal Cord
Its Role in Motor Control and Movement Disorders
Emmanuel Pierrot-Deseilligny
Groupe Hospitalier Pitié-Salpétrière, Paris
and David Burke
University of Sydney

This comprehensive reference surveys the literature related to the control of spinal cord circuits in humans, showing how they can be studied, their role in normal movement, and how they malfunction in disease states. Chapters are highly illustrated and consistently organised, reviewing, for each pathway, the experimental background, methodology, organisation and control, role during motor tasks, and changes in patients with CNS lesions. Each chapter concludes with a helpful resume. This will be essential reading for research workers and clinicians involved in the study, treatment and rehabilitation of movement disorders.

‘Emmanuel Pierrot-Deseilligny and David Burke’s important new book represents a review of many recent developments in the workings of the human spinal cord. The work reviewed is very much centred on the outstanding achievements that these two international leaders have contributed to the field … This book will become a unique resource, making available in one volume so many important published studies.’

Contents:

2005 246 x 189 mm 664pp 138 line diagrams 3 half-tones 10 tables 978-0-521-82581-8 Hardback £125.00

The Neuropathology of Dementia
Second edition
Edited by Margaret M. Esiri
University of Oxford
Virginia M.-Y. Lee and John Q. Trojanowski
Both from University of Pennsylvania School of Medicine

Completely rewritten and updated, this new edition is almost twice the size of its predecessor. Illustrated in colour throughout, and with contributions from the world’s leading authorities, it is the definitive reference on the neuropathology of dementia. It gives practical guidance to pathologists, describes the contribution of neuroimaging to diagnosis, and surveys the clinical features of dementia.

From reviews of the first edition: ‘This up-to-date and authoritative account will be invaluable for practising neuropathologists and a treasured work of reference for psychiatrists and neuroscientists with an interest in dementia.’


2004 276 x 219 mm 584pp 52 line diagrams 111 half-tones 978-0-521-81915-2 Hardback £225.00

INTERNATIONAL JOURNAL OF GERIATRIC PSYCHIATRY

BRAIN


2005 246 x 189 mm 664pp 138 line diagrams 3 half-tones 10 tables 978-0-521-82581-8 Hardback £125.00

NEUROSCIENCE
Neural Basis of Semantic Memory
Edited by John Hart
University of Texas, Dallas
and Michael A. Kraut
The Johns Hopkins University School of Medicine

Presenting a collection of the leading models of how the human brain encodes for the memory of the items that surround us in everyday life. These models of brain function have been composed from the world’s leading experts based upon findings from new investigative techniques.

- Includes opinions for multiple investigative techniques
- Chapters cover normal to brain damaged memory function
- Allows for full spectrum perspective of memory

Contents:

2007 247 x 174 mm 394pp
15 line diagrams 16 half-tones 3 tables
978-0-521-84870-1 Hardback £55.00

Olfaction and the Brain
Edited by Warrick J. Brewer
University of Melbourne
David Castle
University of Melbourne
and Christos Pantelis
Sunshine Hospital, Melbourne
Foreword by Peter Doherty

Olfaction is of particular interest to specialists in schizophrenia. Clear deficits in the sense of smell could be used to predict schizophrenia in the future. In this timely book, Warrick Brewer and his team of experts set out our current understanding of olfaction and mental health, including where it may take us in the future. All aspects of olfactory function and dysfunction are covered, drawing on the latest neuromaging techniques where appropriate.

- Comprehensive coverage of the principles of smell and the association between neural structure and practicalities of higher-order function
- Outlines the future mental health possibilities and directions for research, diagnosis and treatment
- Multidisciplinary, to cover the broad range of implications


2006 247 x 174 mm 382pp
44 line diagrams 48 figures
978-0-521-84922-7 Hardback £65.00

Brain Norepinephrine
Neurobiology and Therapeutics
Edited by Gregory A. Ordway
East Tennessee State University
Michael A. Schwartz
University of Hawai‘i, Manoa
and Alan Frazer
University of Texas Health Science Center, San Antonio

Norepinephrine is a chemical neurotransmitter. Noradrenergic drugs have been proven effective for depression and ADHD, and drugs that directly manipulate central nervous system (CNS) norepinephrine are being developed targeting noradrenergic neurons to deliver therapeutic effects for new disease indications. Recent discoveries about norepinephrine’s contribution to health, disease, and therapy make this synthesis of evidence, practice and research very timely. The book is divided into four sections: basic biology; norepinephrine’s role in behavior; its role in CNS diseases, and the pharmacology and therapeutics of noradrenergic drugs for psychiatric and neurological disorders.

- Up-to-the-minute review of the biology of central nervous system norepinephrine
- Gives practical guidance about the use of norepinephrine drugs in a variety of neurologic and psychiatric disorders
- Combines the basic biology of norepinephrine with the therapeutics of norepinephrine-acting drugs

Contents: Part I. The Neurobiology of Norepinephrine; Part II. Norepinephrine and Behavior; Part III. The Biology of Norepinephrine in CNS Pathology; Part IV. Psychopharmacology of Norepinephrine.

2007 216 x 138 mm 658pp 25 tables 80 figures
978-0-521-83491-9 Hardback £95.00
The Clinical Neuropsychiatry of Stroke
Cognitive, Behavioral and Emotional Disorders following Vascular Brain Injury
Second edition
Robert G. Robinson
College of Medicine, University of Iowa

Fully revised, this new edition covers the range of neuropsychiatric syndromes associated with stroke, including cognitive, emotional and behavioural disorders such as depression, anxiety and psychosis. Since the last edition there has been an explosion of published literature on this topic and the book provides a comprehensive, systematic and cohesive review of this new material. There is a growing recognition among a wide range of clinicians and allied healthcare staff that post-stroke neuropsychiatric syndromes are common and serious. Such complications can have a negative impact on recovery and even survival.

‘… the reader enjoys a structured approach, with sections on prevalence and mechanism of the disorder, before discussion of treatment. Case histories complement the text throughout. Figures, mainly graphical, are clear and well used.’

Contents:

2006 247 x 174 mm 480pp. 140 figures
978-0-521-84007-1 Hardback £80.00
The Clinical Neuropsychiatry of Multiple Sclerosis

Second edition

Anthony Feinstein
University of Toronto

Multiple sclerosis is the most common cause of neurological disability in young and middle-aged adults. This fully updated and revised new edition provides a detailed account of the many neuropsychiatric disorders associated with MS and is relevant to both the research and the clinical setting. Using the latest brain imaging findings and results from treatment trials, it will be valuable to all mental health professionals, neurologists, and others caring for those affected by MS.

‘This is a clinically oriented volume, which is well researched, written and edited … Feinstein should be congratulated for his effort in reviewing and bringing together what is known of the psychiatry of MS …’

Glen O. Gabbard, Baylor College of Medicine

Contents:

2007 247 x 174 mm  274pp  6 line diagrams 16 half-tones 13 tables 27 figures
978-0-521-85234-0  Hardback  £55.00

The Neuroscience of Psychological Therapies

Rowland Folensbee
Baylor College of Medicine

A practical and detailed text of facts and concepts aiming to help clinicians develop a basic understanding of brain function and its relevance to conducting therapy and assessment. This book describes how specific locations in the brain carry out specific activities, how the different activities produce normal and pathological behavior and how knowledge of brain activities can guide psychological assessment and intervention. The readership will include professionals practising in mental health, neuroscience researchers as well as graduates of mental health disciplines.

‘In this superb new volume, Rowland Folensbee functions as a tour guide to the reader. He takes his readers on an enjoyable and stimulating journey through the brain and contemporary neuroscience while avoiding both condescension and obfuscation. In an eminently readable prose style, he illustrates how an understanding of the brain can illuminate the dark recesses of the human mind that emerge in psychotherapeutic treatment.’

Glen O. Gabbard, Baylor College of Medicine

Contents:

2007 228 x 152 mm  234pp  13 line diagrams  1 half-tone 2 tables
978-0-521-86317-9  Hardback  £60.00
Progress in Neurotherapeutics and Neuropsychopharmacology

Volume 1
Edited by Jeffrey L. Cummings
University of California, Los Angeles
An essential update of recent clinical trials in the management of neurological and neuropsychiatric disorders.

Contents:
4. Treating migraine attacks ASAP: concept and methodological issues.
5. Early phase trials of minocycline in amyotrophic lateral sclerosis.
7. AVP-923 as a novel treatment for pseudobulbar affect ALS.
8. Liquid fluoxetine vs. placebo for repetitive behaviors in childhood autism.
10. Selegiline in the treatment of negative symptoms of schizophrenia.
11. Analysis of the cognitive enhancing effects of modafinil in schizophrenia.

2006 247 x 174 mm 184pp
978-0-521-86253-0 Hardback £60.00

Progress in Neurotherapeutics and Neuropsychopharmacology

Volume 2
Edited by Jeffrey L. Cummings
University of California, Los Angeles
Volumes in this series provide readers with updates of recent clinical trial results, impacts of trials on guidelines and evidence-based practice, advances in trial methodologies, and the evolution of biomarkers in trials. The series focuses on trials in neurotherapeutics, including disease-modifying and symptomatic agents for neurological diseases, psychopharmacological management of neurologic and psychiatric illnesses, and non-drug treatments. It is an essential update of recent trials in all aspects of the management of neurologic and neuropsychiatric disorders, and thus an invaluable resource for clinicians and neuroscientists.

Contents:
3. The Phase II futility clinical trial design.
5. Comparative neuropsychological effects of Lamotrigine and Topiramate in healthy volunteers.
6. Pilot clinical trial of NT-3 in CMT1A patients.
7. New Directions in Pediatric Neuro-Oncology Practice: Impact of the Children's Cancer Group Study 9933, a Phase II Study of High-Dose Chemotherapy before Radiation in Children with Newly Diagnosed High-Grade Astrocytoma.
8. Chemoradiotherapy for primary CNS lymphoma.
9. A double-blind, randomized clinical trial to assess the augmentation with Nimodipine of antidepressant therapy in the treatment of vascular depression.
11. The NIMH MATRICS initiative: development of a consensus cognitive battery.
13. Trial-based advances in the treatment of bipolar depression.
15. Olanzapine as maintenance therapy in patients with bipolar I disorder.
16. Can quality of life be improved in schizophrenia? Results from a pragmatic, randomized controlled trial comparing Olanzapine with first generation antipsychotics.
17. Combined behavioral and pharmacological treatment of opioid-dependent adolescents: a randomized, controlled trial.

2007 247 x 174 mm 284pp
978-0-521-86254-7 Hardback £75.00
This volume, Neural Repair and Plasticity, covers the basic sciences relevant to recovery of function following injury to the nervous system, reviewing plasticity in the normal CNS, mechanisms of neuronal death, axonal regeneration, stem cell biology, and neuron replacement. Edited and written by leading international authorities, it is an essential resource for neuroscientists and provides a foundation for the work of clinical rehabilitation professionals.

In two freestanding but linked volumes, Textbook of Neural Repair and Rehabilitation provides comprehensive coverage of the science and practice of neurological rehabilitation. Edited and written by leading international authorities from the neurosciences and clinical neurorehabilitation, the two-volume set is an essential resource for rehabilitation professionals and a comprehensive reference for all scientists and clinicians in the field.

Neurorehabilitation, can stand alone as a clinical handbook for neurorehabilitation. It covers the practical applications of the basic science principles presented in volume 1, provides authoritative guidelines on the management of disabling symptoms, and describes comprehensive rehabilitation approaches for the major categories of disabling neurological disorders. This book and its companion are an essential resource for neuroscientists and provide a foundation for the work of clinical neurorehabilitation professionals.

The two-volume set is an essential resource for rehabilitation professionals and scientists in the field. The two-volume set is available as a comprehensive reference text covering basic science and medical neurorehabilitation. The second volume provides a clinical handbook for neurorehabilitation and describes comprehensive rehabilitation approaches for major disabling disorders.

SAVE £40.00! • BUY THE TWO-VOLUME SET
Clinical MR Neuroimaging
Diffusion, Perfusion and Spectroscopy
Edited by Jonathan H. Gillard
University of Cambridge
Adam D. Waldman
Charing Cross Hospital, London
and Peter B. Barker
The Johns Hopkins University

The physiological magnetic resonance techniques of diffusion imaging, perfusion imaging and spectroscopy offer insights into brain structure, function and metabolism. This book provides the reader with a thorough review of the underlying physical principles of each of these methods, as well as comprehensive coverage of their clinical applications. Attention is also drawn to possible artifacts and pitfalls associated with these techniques. This book is an essential reference work for radiologists, neurologists, neurosurgeons and psychiatrists who use these techniques, as well as medical researchers, residents and fellows.

‘… a book addressing both the technical aspects of diffusion, perfusion and spectroscopy and their clinical applications … This detailed text offers chapters from a wide range of eminent authors from both sides of the Atlantic … I can highly recommend this book to those wishing to learn more about the technical aspects and clinical applications of diffusion, perfusion and spectroscopy.’

ACTA NEUROCHIRURGICA


2004 276 x 219 mm 852pp 31 tables 333 figures
978-0-521-82457-6 Hardback £205.00
Please order from your local bookseller