

Neurology and Clinical Neuroscience

NEW EDITION

The Neuropathology of Dementia

Second edition

Edited by Margaret Esiri

University of Oxford, UK

Virginia M. -Y. Lee

and John Q. Trojanowski

Both from University of Pennsylvania School of Medicine, USA

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.'

INTERNATIONAL JOURNAL OF GERIATRIC PSYCHIATRY

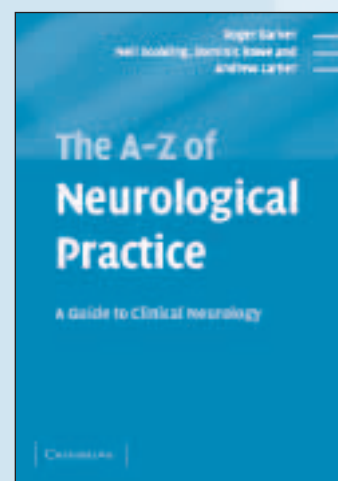
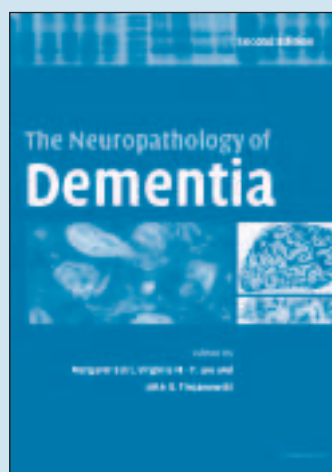
Features

- Completely rewritten and updated new edition of a highly successful book
- International team of top-notch experts covering comprehensively all aspects of the neuropathology of dementia
- Gives practical guidance for practising pathologists

Contents: 1. Definition, clinical features and neuroanatomical basis of dementia; 2. Important anatomical landmarks in the brain in dementia; 3. Practical approach to pathological diagnosis; 4. Morphometric methods and dementia; 5. Safety precautions in laboratories involved with dementia diagnosis and research; 6. Molecular diagnosis of dementia; 7. Neuropathology of the aging brain; 8. Neuroimaging Alzheimer's disease; 9. Alzheimer's disease; 10. Down's syndrome and Alzheimer's disease; 11. Sporadic tauopathies: Pick's disease, corticobasal degeneration, progressive supranuclear palsy and argyrophilic brain disease; 12. Hereditary tauopathies and idiopathic frontotemporal dementias; 13. Vascular dementias; 14. Familial and sporadic cerebral amyloid angiopathies associated with dementia and the BRI dementias; 15. Parkinson's disease, dementia with Lewy bodies, multiple system atrophy and the spectrum of diseases with alpha-synuclein inclusions; 16. Huntington disease; 17. Human prion diseases; 18. Alcoholism and dementia; 19. Hydrocephalus and dementia; 20. Head injury and dementia; 21. Infectious (and inflammatory) diseases causing dementia; 22. Schizophrenia and dementia; 23. Other diseases that cause dementia; 24. Transgenic mouse models of neurodegenerative disease; Appendix: Dementia brain banks.

July 2004 594pp 269 illustrations

0 521 81915 6 Hardback £195.00/\$375.00



The A-Z of Neurological Practice

Roger A. Barker

Cambridge Centre for Brain Repair

Neil Scolding

Frenchay Hospital, Bristol, UK

Dominic Rowe

RNSH, New South Wales, Australia

Andrew J. Larner

Walton Centre for Neurology/Neurosurger, Liverpool, UK

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. Ranging 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.

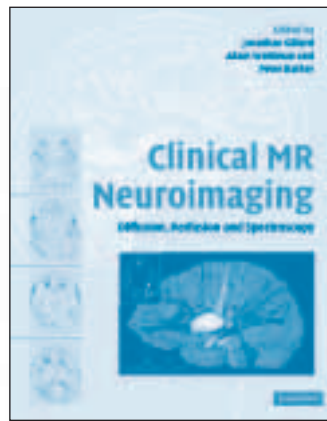
Features

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

December 2004 900pp

0 521 62960 8 Paperback

c. £40.00/c. \$70.00



Clinical MR Neuroimaging: Diffusion, Perfusion and Spectroscopy

Edited by Jonathan Gillard

Addenbrooke's Hospital, Cambridge, UK

Adam Waldman

Charing Cross Hospital, London, UK

and Peter Barker

The Johns Hopkins University, Baltimore, USA

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.

Features

- **Comprehensive review of advanced MRI techniques and applications**
- **Explains clinical applications**
- **Case reports included throughout the book**

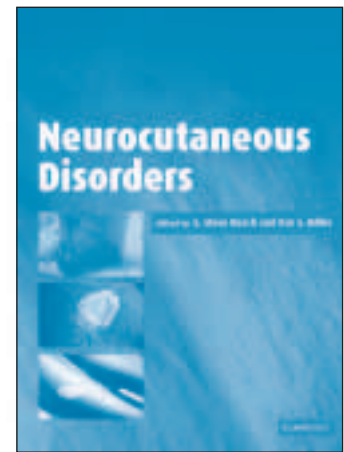
Contents: Foreword; Introduction; 1. Fundamentals of MR spectroscopy; 2. Quantification and analysis in MR spectroscopy; 3. Artefacts and pitfalls in MR spectroscopy; 4. Fundamentals of diffusion MR imaging; 5. MR tractography using diffusion tensor MR imaging; 6. Artefacts and pitfalls in diffusion MR imaging; 7. MR perfusion imaging using dynamic contrast enhancement; 8. MR perfusion using arterial spin labelling; 9. Artefacts and pitfalls in perfusion MR imaging; 10. Cerebrovascular disease – overview; 11. MR spectroscopy in stroke; 12. Diffusion and perfusion MR in stroke; 13. Arterial spin labelling in stroke; 14. Magnetic resonance diffusion tensor imaging in stroke; 15. MR spectroscopy in carotid disease; 16. Diffusion and perfusion MR imaging in carotid disease; 17. Physiological MR of migraine; 18. Adult neoplasia – overview; 19. MR spectroscopy in adult neoplasia; 20. Diffusion MR imaging in adult neoplasia; 21. Perfusion MR imaging in adult neoplasia; 22. Infection, inflammation and demyelination - overview; 23. MR spectroscopy in intracranial infection; 24. Diffusion and perfusion MR imaging of intracranial infection; 25. MR spectroscopy in demyelination and inflammation; 26. Diffusion MR imaging in demyelination and inflammation; 27. Physiological MR of AIDS; 28. Seizure disorders – overview; 29. MR spectroscopy in seizure disorders; 30. Diffusion and perfusion MR imaging in seizure disorders; 31. Psychiatric disease, dementia and neurodegeneration – overview; 32. MR spectroscopy in psychiatry; 33. Diffusion MR imaging in psychiatry and ageing; 34. MR spectroscopy in dementia and ageing; 35. Physiological MR in neurodegenerative diseases; 36. Potential role of MR spectroscopy, diffusion weighted/diffusion tensor imaging and perfusion weighted imaging in traumatic brain injury – overview; 37. MR spectroscopy in traumatic brain injury; 38. Diffusion and perfusion MR imaging in traumatic brain injury; 39. Pediatrics – overview; 40. Physiological MR of normal development and developmental delay; 41. Physiological MR of hypoxic brain injury; 42. Diffusion imaging in neonatal hypoxia; 43. Physiological MR of pediatric brain tumours; 44. Physiological MR of pediatric stroke; 45. MR spectroscopy in paediatric white matter disease; 46. MR spectroscopy of inborn errors of metabolism.

Nov 2004 874pp

0 521 82457 5

Hardback

c. £175.00/c. \$320.00



Neurocutaneous Disorders

Edited by E. Steve Roach

Wake Forest University, North Carolina, USA

and Van S. Miller

University of Texas Southwestern Medical Center, Dallas, USA

The neurocutaneous disorders comprise a group of neurological syndromes featuring skin lesions and often eye lesions, central and peripheral nervous system tumors, brain malformations, mental retardation, and psychiatric syndromes or seizures. This book provides an authoritative, illustrated review of the recognition, investigation, treatment and genetics of these disorders.

'The reader is most definitely in for a treat ... This edition of Neurocutaneous Disorders provides the essential and forward-looking clinical and genetic data which points the way to the future.'

FROM THE FOREWORD BY ROGER N. ROSENBERG

Features

- **An authoritative overview of the clinical features, natural history and genetic and molecular mechanisms of the neurocutaneous syndromes**
- **Highly illustrated throughout**
- **Essential reading for both neurologists and dermatologists**

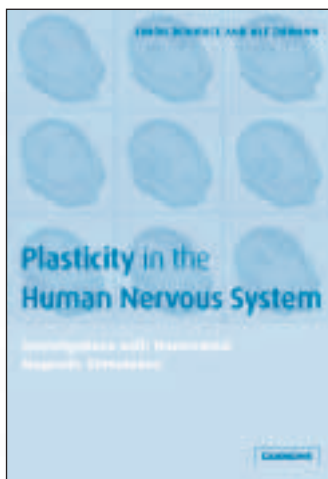
Contents: Dedication; Foreword; Preface; 1. Introduction; 2. Genetics of neurocutaneous disorders; 3. Syndrome/clinical recognition; 4. Neurofibromatosis type 1; 5. Neurofibromatosis type 2; 6. Tuberous sclerosis complex; 7. Von Hippel-Lindau disease; 8. Neurocutaneous melanosis; 9. Basal Cell Nevus syndrome; 10. Epidermal Nevus syndrome; 11. Multiple endocrine neoplasia type 2; 12. Ataxia-telangiectasia; 13. Incontinentia pigmenti; 14. Hypomelanosis of Ito; 15. Cowden disease; 16. Pseudoxanthoma elasticum; 17. Ehlers-Danlos syndrome; 18. Progeria; 19. Blue Rubber Bleb Nevus syndrome; 20. Hereditary hemorrhagic telangiectasia (Osler-Weber-Rendu); 21. Hereditary neurocutaneous angiomatosis; 22. Cutaneous hemangiomas: vascular anomaly complex; 23. Sturge-Weber syndrome; 24. Lesch-Nyhan syndrome; 25. Multiple carboxylase deficiency; 26. Homocystinuria due to cystathionine-synthase (CBS) deficiency; 27. Fucosidosis; 28. Menkes Kinky Hair syndrome/Menkes disease; 29. Xeroderma pigmentosum, Cockayne syndrome and trichothiodystrophy; 30. Cerebrotendinous xanthomatosis; 31. Adrenoleukodystrophy; 32. Peroxisomal disorders; 33. Familial dysautonomia; 34. Fabry disease; 35. Giant axonal neuropathy; 36. Chediak-Higashi syndrome; 37. Encephalocraniocutaneous lipomatosis; 38. Cerebello-Trigemino-Dermal dysplasia; 39. Coffin-Siris syndrome; 40. Lipoid proteinosis; 41. Macrodactyl-nerve fibrolipoma.

2004 356pp 200 illustrations

0 521 78153 1

Hardback

£120.00/\$180.00



Plasticity in the Human Nervous System

Investigations with Transcranial Magnetic Stimulation

Edited by Simon Boniface
Addenbrooke's Hospital, Cambridge, UK
and Ulf Ziemann

Johann Wolfgang Goethe-Universität Frankfurt, Germany

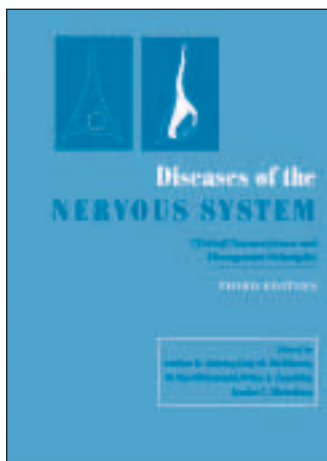
Transcranial magnetic stimulation (TMS) is a non-invasive and painless technique that has opened up completely new and fascinating avenues to study neural plasticity. Current knowledge of all these exciting possibilities is brought together in this book, written by the world's leading experts in the disease

Features

- 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; 11. Rehabilitation; 12. New questions.

2003 328pp 56 illustrations
0 521 80727 1 Hardback £70.00/\$100.00



Diseases of the Nervous System

Clinical Neuroscience and Therapeutic Principles

Third edition

Edited by Arthur K. Asbury
University of Pennsylvania School of Medicine, USA

Guy M. McKhann

The Johns Hopkins University School of Medicine,
Baltimore, USA

W. Ian McDonald

University College London, UK

Peter J. Goadsby

University College London, UK

and Justin C. McArthur

The Johns Hopkins University School of Medicine,
Baltimore, USA

The most comprehensive, up-to-date, reference on diseases of the nervous system currently available.

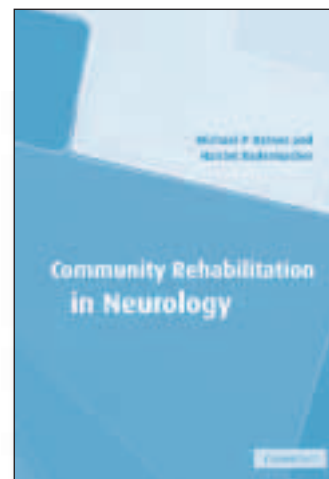
Now in its third edition, the two-volume text is packed with details on the clinical presentations of the neurological disorders, with a focus on the underlying mechanisms that lead to these disorders.

Features

- New edition of a neurology classic
- In two volumes, it is easily the most comprehensive, scientific account of clinical neurology
- Extensively revised to incorporate the principles of therapeutics

Contents: Part I. Introduction and General Principles; Part II. Disorders of Higher Function; Part III. Disorders of Motor Control; Part IV. Disorders of the Special Senses; Part V. Disorders of Spine and Spinal Cord; Part VI. Disorders of Body Function; Part VII. Headache and Pain; Part VIII. Neuromuscular Disorders; Part IX. Epilepsy; Part X. Cerebrovascular Disorders; Part XI. Neoplastic Disorders; Part XII. Autoimmune Disorders; Part XIII. Disorders of Myelin; Part XIV. Infections; Part XV. Trauma and Toxic Disorders; Part XVI. Degenerative Disorders; Part XVII. Neurological Manifestations of Systemic Conditions.

2002 2194pp 825 illustrations
0 521 79351 3 Hardback £315.00/\$440.00



Community Rehabilitation in Neurology

Michael P. Barnes
and Harriet Radermacher

Both from University of Newcastle upon Tyne, UK

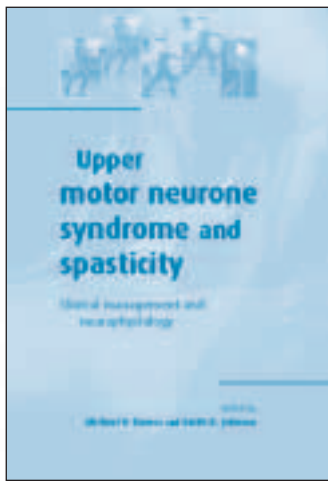
This book analyses community rehabilitation needs from many different perspectives, including the views of disabled people, rehabilitation clinicians and service providers. Many examples of community rehabilitation schemes are presented, with evidence for their effectiveness, and case studies are used to highlight the main issues.

Features

- First book to look at neurological rehabilitation in the community
- Growing awareness of the importance of post-discharge rehabilitation
- Contributions covering disabled children and neuropsychological rehabilitation

Contents: 1. Background to community neurological rehabilitation; 2. Neurological rehabilitation: basic principles and models of delivery; 3. Models of disability; 4. Concepts of community; 5. The views of disabled people; 6. Outcome measures and research in the community; 7. Evidence base for community neurological rehabilitation; 8. Lessons from the South; 9. Other aspects of community neurological rehabilitation; 10. Community rehabilitation in childhood: concepts to inform practice; 11. Neuropsychological rehabilitation in the community; 12. The way forward.

2003 262pp 6 illustrations
0 521 80874 X Hardback £55.00/\$80.00



Upper Motor Neurone Syndrome and Spasticity

Clinical Management and Neurophysiology

Edited by Michael P. Barnes and Garth R. Johnson

Both from University of Newcastle upon Tyne, UK

A practical guide for clinicians, therapists, orthotists, bioengineers and all other health professionals involved in the management of spasticity. Provides a thorough review, ranging in coverage from physiotherapy, seating, and orthoses, the use of drugs, and the neurophysiology of spasticity, to measurement of outcome and the newer treatment techniques

'... clear and clinically relevant ... a good foundation for clinical practice ...'

JOURNAL OF NEUROLOGY,
NEUROSURGERY AND PSYCHIATRY

Features

- Covers the most recent treatment techniques in detail
- Straightforward, practical and comprehensive review for all health professionals
- Includes management of children with spasticity

Contents: Preface; 1. An overview of the clinical management of spasticity; 2. Neurophysiology of upper motor neurone syndrome and spasticity; 3. Measurement of spasticity; 4. Physiotherapy approaches to spasticity; 5. Seating and positioning in spasticity; 6. Orthoses, splinting and casting in spasticity; 7. Pharmacological management of spasticity; 8. Chemical neurolysis in the management of spasticity; 9. The use of botulinum toxin in spasticity; 10. Intrathecal baclofen for control of spinal and supra spinal spasticity; 11. Surgical management of spasticity; 12. Management of spasticity in children.

2001 328pp 86 illustrations
0 521 79427 7 Paperback £40.00/\$60.00

FORTHCOMING 2005

Recovery after Stroke

Michael Barnes

Hunters Moor Regional Neurorehabilitation Centre

Bruce Dobkin

University of California Los Angeles, USA

Julien Bogousslavsky

University of Lausanne, Switzerland

A comprehensive guide to rehabilitation after stroke. It sets out the basic neuroscientific principles that underlie brain recovery and describes appropriate rehabilitation strategies for the many different functional problems that can arise after stroke.

Contents: 1. Strokes: background/epidemiology/aetiology/avoiding recurrence; 2. Principles of recovery after stroke; 3. Regenerative ability in the central nervous system; 4. Cerebral reorganisation after sensorimotor stroke; 5. Imaging brain in recovery after stroke; 6. Measurement in stroke - disability and quality of life; 7. Evidence based stroke rehabilitation; 8. Is early rehabilitation useful?; 9. Community rehabilitation after stroke; 10. Physical therapy and assessment; 11. Movement disorders after stroke; 12. Post-stroke spasticity and pain; 13. Sensory loss and proprioceptive rehabilitation; 14. Dysphagia; 15. Continence after stroke; 16. Sexual problems after stroke; 17. Rehabilitation of visual disorders after stroke; 18. Dysphasia and dysarthria; 19. Cognitive problems after stroke; 20. Dementia after stroke; 21. Depression and fatigue after stroke; 22. Sleep disorders after stroke; 23. Assistive technology; 24. Vocational rehabilitation; 25. A patient's perspective.

2005 500pp 43 illustrations
052182236X Hardback £85.00/\$150.00

Disorders of Voluntary Muscle

Seventh edition

Edited by George Karpati

McGill University, Montréal, Canada

David Hilton-Jones

University of Oxford, UK

and Robert C. Griggs

University of Rochester Medical Center, USA

Foreword by Lord Walton of Detchant

The seventh edition of Disorders of Voluntary Muscle has been rewritten and redesigned with the needs of the clinician and clinical scientist in mind. It contains up-to-date scientific and clinical information on the etiology and pathogenesis of diseases of skeletal muscles, including recently identified diseases, and emphasises recent progress in diagnosis and treatment. Combining essential new knowledge with the fundamentals of history taking and clinical examination, this extensively illustrated book will continue to be the mainstay for practising physicians and biomedical scientists concerned with muscle disease.

'Hands down, this book is the best current publication in its category. The seventh edition is well timed to capture the massive increase of information since the previous edition of 1994.'

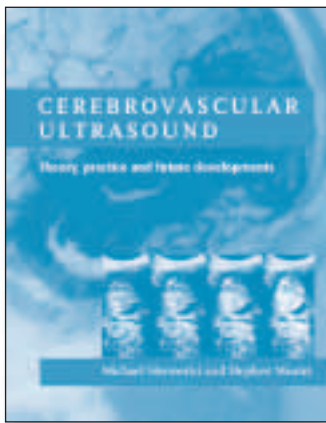
DOODY'S REVIEW SERVICE

Features

- Previously under the editorship of John Walton (Lord Walton of Detchant), this is definitive text in the field.
- Contains major updates on molecular and genetic mechanisms and new treatment approaches.

Contents: Part I. Scientific Basis of Muscle Disease; Part II. Methods of Investigation of Muscle Disease; Part III. Description of Muscle Disease; Part IV. The Principles of Management of Muscle Disease.

2001 790pp 408 illustrations
0 521 65062 3 Hardback £180.00/\$250.00



Cerebrovascular Ultrasound

Theory, Practice and Future Developments

Edited by Michael G. Hennerici and Stephen P. Meairs

Both from Ruprecht-Karls-Universität Heidelberg, Germany

This comprehensive text covers the fundamentals of ultrasound physics, new technology, and clinical applications of cerebrovascular ultrasound in all ages. It provides a firm grounding in hemodynamics and describes computational models for study of the cerebral circulation. Extracranial and intracranial Doppler applications in stroke, subarachnoid hemorrhage, and other disorders are presented by leading authorities in the field, with extensive illustrations, this is the definitive reference text in cerebrovascular ultrasound.

'The information covered in this text represents truly important advances in the understanding and clinical application of ultrasound techniques ... I fully recommend this instructive and comprehensive to all physicians caring for these patients.'

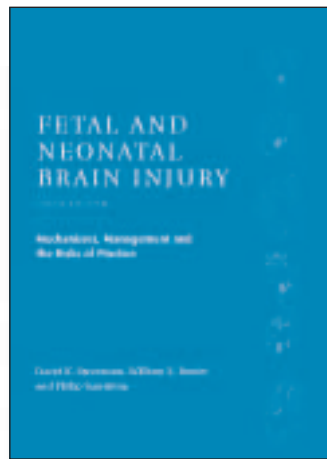
THE LANCET

Features

- The most authoritative book on this fast moving diagnostic technology
- Covers intracranial and extracranial applications, including new technologies such as functional neurosonology and 3D and 4D ultrasonography
- Covers physics, technical aspects and clinical applications

Contents: Part I. Ultrasound Physics, Technology and Hemodynamics; Section (i). Atherosclerosis: pathogenesis, early assessment and follow-up with ultrasound, Part II. Clinical Cerebrovascular Ultrasound; Section (ii). Extracranial cerebrovascular applications; Section (iii) Intracranial cerebrovascular applications, Part III. New and Future Developments.

2001 442pp 302 illustrations
0 521 63223 4 Hardback £170.00/\$240.00



Fetal and Neonatal Brain Injury

Mechanisms, Management and the Risks of Practice

Third edition

Edited by David K. Stevenson, William E. Benitz and Philip Sunshine

All from Stanford University School of Medicine, California, USA

Now in its third edition, this is a comprehensive survey of fetal and neonatal brain injury arising from hypoxia, ischemia or other causes. The volume spans a broad range of areas from epidemiology and pathogenesis, through to clinical manifestations and obstetric care, and then on to diagnosis, long-term outcomes, and medico-legal aspects. An important theme running throughout is to highlight scientific and clinical advances that have a role to play in minimising risk, improving clinical care and outcomes.

Review of second edition:

'The material is excellent, well outlined, and well referenced. I would recommend it for all professionals who consult in intensive care nurseries, who are involved in complex obstetrics and who are involved in the medico-legal areas concerning 'bad babies' ... This textbook should continue to be a landmark in neonatal brain injury for the years ahead.'

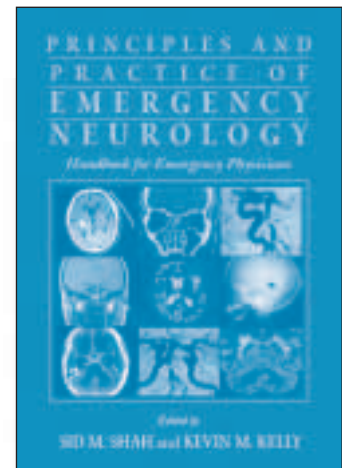
JOURNAL OF PERINATOLOGY

Features

- Spans clinical aspects, diagnosis, evaluation and long-term outcomes, and new approaches to therapy
- All chapters updated or re-written with new chapters on pathophysiology and fetal responses to asphyxia, metabolic disorders that mimic asphyxia, and improved new imaging techniques
- Comprehensively referenced and well illustrated

Contents: Part I. Epidemiology, Pathophysiology and Pathogenesis of Fetal and Neonatal Brain Injury; Part II. Pregnancy, Labor, and Delivery Complications Causing Brain Injury; Part III. Diagnosis of the Infant with Asphyxia; Part IV. Specific Conditions Associated with Fetal and Neonatal Brain Injury; Part V. Management of the Depressed or Neurologically Dysfunctional Neonate; Part VI. Assessing the Outcome of the Asphyxiated Infant.

2003 926pp 305 illustrations
0 521 80691 7 Hardback £140.00/\$200.00



Principles and Practice of Emergency Neurology

Handbook for Emergency Physicians

Edited by Sid M. Shah, Michigan State University, USA

and Kevin M. Kelly, Drexel University, Philadelphia, USA

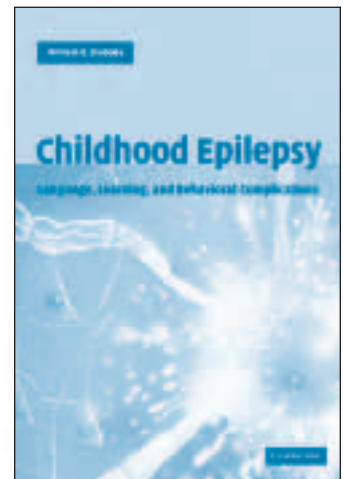
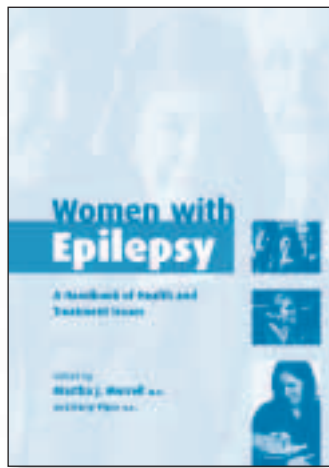
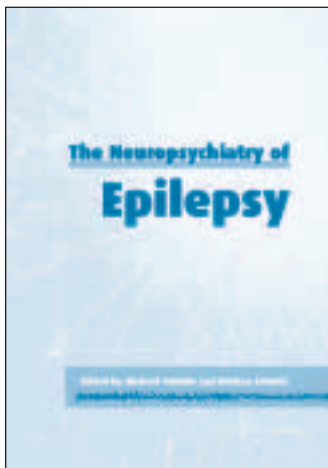
This symptom-based handbook guides the emergency physician in the diagnosis and management of common and complex neurological disorders. Integrating fundamental neurological concepts with the practical demands and realities of emergency care, this reference provides succinct, crucial information for all emergency physicians who diagnose and manage neurologic disorders.

Features

- Applies fundamental principles of neurology to demands and constraints of emergency neurology
- Symptom-based organization with extensive management algorithms, treatment guidelines, illustrations, and tables
- Successful Emergency Physician-Neurologist editorial collaboration

Contents: Part I. Neurological Examination and Neurodiagnostic Testing; Part II. Common Neurological Presentations; Part III. Specific Neurological Conditions; Part IV. Neurological Trauma; Part V. Pediatric Neurological Emergencies; Part VI. Pregnancy-Related Neurological Emergencies; Part VII. Neurotoxicology; Part VIII. Brain Death.

2003 454pp 140 illustrations
0 521 00980 4 Paperback £40.00/\$55.00



The Neuropsychiatry of Epilepsy

Edited by Michael Trimble
Institute of Neurology, London, UK
 and Bettina Schmitz
Humboldt-Universität zu Berlin, Germany

A multi-national team of experts to review and explore the interface between epilepsy and behaviour disorders. They begin by looking at how adequate existing classifications are for defining the subtleties of behavioural changes in patients with neurological disorders. Coverage is broad-ranging and offers both a diagnostic and management perspective. It will be essential reading for all professionals engaged in the treatment of epileptic patients.

'... this book serves to show the huge possibilities for research in this fascinating area of neurology, with implications for our understanding of epilepsy and other affective disorders and better treatment of patients in the future.'

THE LANCET

Features

- *Addresses the interface between neurology and psychiatry*
- *Practical, and treatment-oriented*

Contents: Part I. Background; Part II. Clinical Aspects; Part III. Cognitive Aspects; Part IV. Non Epileptic Attacks; Part V. Treatment Complications; Part VI. Treatment.

2002 360pp 70 illustrations
 0 521 00516 7 Paperback £45.00/\$70.00
 0 521 81374 3 Hardback £130.00/\$190.00

Women with Epilepsy A Handbook of Health and Treatment Issues

Edited by Martha J. Morrell
Columbia University, New York, USA
 and Kerry L. Flynn
Columbia-Presbyterian Cancer Center, New York, USA

Published in association with the Epilepsy Foundation of America, this handbook reviews the special problems faced by women with epilepsy. Hormone levels affect seizures and treatments affect fertility, pregnancy and birth outcomes. The authors aim to inform best practice and provide women with the information needed for effective self-advocacy.

'The book is beautifully designed, printed, and produced ... Women with Epilepsy deserves the attention of the wide audience for whom it is written. Men with epilepsy need not feel neglected because there is much content that is applicable to their seizure-related problems.'

THE LANCET

Features

- *The first book to address the medical, emotional and social challenges facing women with epilepsy*
- *Written by a team of experts from the epilepsy community*
- *A comprehensive information resource, written to be accessible to a lay-reader*

Contents: Part I. The Woman with Epilepsy; Part II. Epilepsy Diagnosis and Treatment; Part III. Hormones and the Brain; Part IV. Health Challenges for Women with Epilepsy; Part V. Family Planning, Pregnancy and Parenting; Part VI. Living Well with Epilepsy.

2003 310pp 30 illustrations
 0 521 65541 2 Paperback £21.99/\$32.00
 0 521 65224 3 Hardback £60.00/\$90.00

Childhood Epilepsy Language, Learning and Behavioural Complications

William B. Svoboda

Children with epilepsy often have interrelated language, learning and/or behavior complications which persist beyond seizure control. In this comprehensive book, William Svoboda distils a lifetime of clinical experience into three areas which address the main points of difficulty, looking at why the problems arise and assessing treatments.

Features

- *Covers epilepsy in childhood specifically*
- *Looks at speech-language associations with epilepsy*
- *Looks at epileptic intrusions in behavior, language and learning as they impact on development and maturation*

Contents: Part I. Speech and Language Problems; Part II. Learning Problems; Part III. Behavior Problems.

2004 672pp
 0 521 82338 2 Hardback £85.00/\$130.00

ALSO AVAILABLE

Epilepsy and Movement Disorders

Edited by Renzo Guerrini, Jean Aicardi, Frederick Andermann and Mark Hallett

'This is a fascinating book that has undertaken the exploration of a complex and difficult area. It will be of greatest utility to researchers who specialize in this area.'

DIVINE.COM

2001 586pp 70 illustrations
 0 521 77110 2 Hardback £85.00/\$130.00



Neurodevelopment and Schizophrenia

Edited by Matcheri Keshavan
University of Pittsburgh, USA
 and James Kennedy
Clarke Institute of Psychiatry, Toronto, Canada
 Robin Murray
Institute of Psychiatry, London, UK

Over the past decade, developmental neurobiology has made important strides towards elucidating the pathophysiology of psychiatric disorders. Nowhere has this link between basic science and clinical insights become clearer than in the field of schizophrenia research. In this volume, the editors bring together some of the most active investigators in this field. Each contributor provides a state-of-the-art overview of the relevant research, including directions for further investigation.

Features

- *Focuses on a serious and debilitating condition*
- *Extensively referenced*
- *Of interest to researchers and clinicians*

Contents: Part I. The Developing Brain; Part II. Development and Psychopathology; Part III. Integrative Models.

October 2004 520pp 22 illustrations
 0 521 82331 5 Hardback c. £80.00/c. \$140.00



Magnetic Resonance Imaging in Stroke

Edited by Stephen Davis
Royal Melbourne Hospital and University of Melbourne, Australia
 Marc Fisher and Steven Warach
Both from National Institute of Health, Bethesda, Maryland, USA

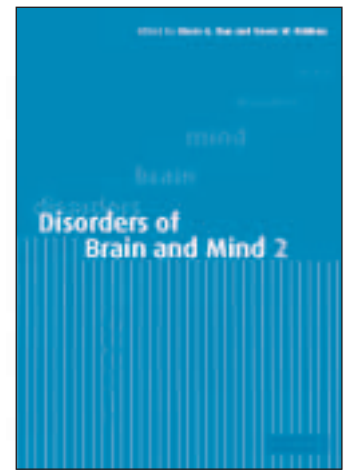
Advances in magnetic resonance imaging (MRI) are transforming the investigation and treatment of cerebrovascular disease. Echoplanar techniques with diffusion and perfusion weighted imaging, together with developments in magnetic resonance spectroscopy and angiography, are replacing CT scanning as the diagnostic modality of choice.

Features

- *State of the art coverage of techniques that are revolutionising the way stroke is investigated*
- *Editors and contributors are world leaders*
- *Profusely illustrated*

Contents: 1. The importance of specific diagnosis in stroke patient management; 2. Limitations of current brain imaging modalities in stroke; 3. Clinical efficacy of CT in acute cerebral ischemia; 4. Computerized tomographic based evaluation of cerebral blood flow; 5. Technical introduction to MRI; 6. Clinical use of standard MRI; 7. MR Angiography of the head and neck: basic principles and clinical application; 8. Stroke MRI in intracranial hemorrhage; 9. Using diffusion-perfusion in animal model for drug development; 10. Localisation of stroke syndromes using Diffusion-Weighted MR Imaging; 11. Magnetic resonance imaging in transient ischemic attacks: clinical utility and insights into pathophysiology; 12. Perfusion-weighted magnetic resonance imaging in stroke; 13. Perfusion imaging with arterial spin labelling; 14. Clinical role of echoplanar MRI in stroke; 15. The ischemic penumbra; 16. New MR techniques to select patients for thrombolysis in acute stroke; 17. MRI as a tool in stroke drug development; 18. Magnetic resonance spectroscopy in stroke; 19. Functional magnetic resonance imaging and stroke.

2003 280pp 127 illustrations
 0 521 80683 6 Hardback £85.00/\$130.00



Disorders of Brain and Mind Volume 2

Edited by Maria A. Ron
Institute of Neurology, London, UK
 and Trevor W. Robbins
University of Cambridge, UK

The clinical and scientific scope of this authoritative new book encompasses abnormal and normal mind imaging, genes and behaviour, brain development, consciousness, aggression, dementia, affective illness, and drug use and abuse.

2003 492pp 40 illustrations
 0 521 00456 X Paperback £50.00/\$80.00

ALSO AVAILABLE

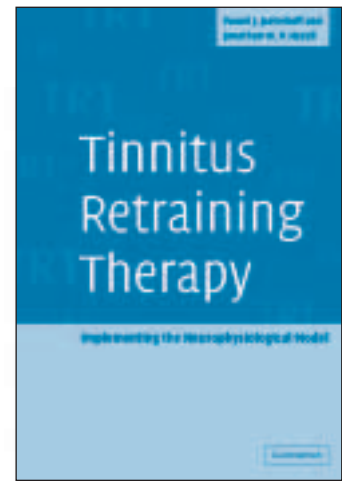
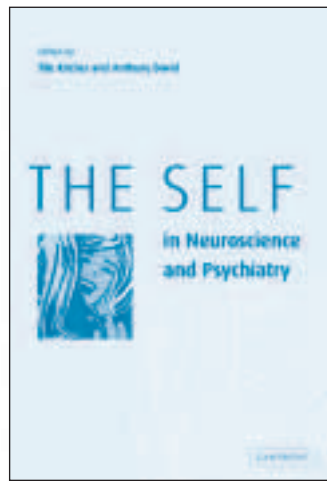
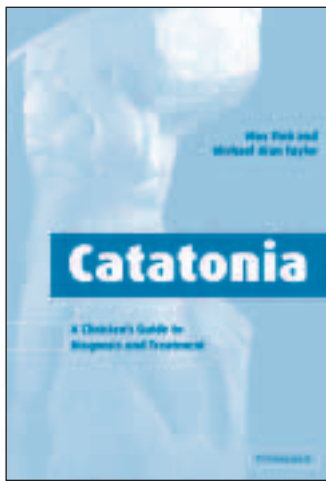
Disorders of Brain and Mind Volume 1

Edited by Maria A. Ron
 and Anthony S. David

'Most of the neuroscience that is relevant to psychiatrists, or likely to be in the foreseeable future, is here. The book is particularly strong on cognitive neuropsychology but also has many excellent chapters on behavioural pharmacology, neuroimaging and the neurodevelopmental approach to schizophrenia. ... This is without doubt the best introduction to neuroscience for psychiatrists.'

BRITISH JOURNAL OF PSYCHIATRY

1999 388pp 25 illustrations
 0 521 77851 4 Paperback £33.00/£50.00



Catatonia

A Clinician's Guide to Diagnosis and Treatment

Max Fink

State University of New York, Stony Brook, USA

and Michael Alan Taylor

Finch University of Health Sciences, Chicago, USA

Catatonia is a syndrome of motor dysregulation found in as many as 10% of acutely ill psychiatric inpatients. Treatments are well defined, and when used, catatonia has an excellent prognosis. This book, by two leading neuropsychiatrists, describes the features of catatonia, teaches the reader how to identify and treat the syndrome successfully, and describes its neurobiology. Patient vignettes from the authors' practices, and many from the classical literature, illustrate the principles of diagnosing and treating patients with catatonia.

Features

- *First book in English devoted to catatonia*
- *Many clinical vignettes*
- *Rating scales, tables and figures for easy reference*

Contents: 1. Catatonia: a history; 2. Signs of catatonia are identifiable; 3. The many faces of catatonia; 4. The differential diagnosis of catatonia; 5. Catatonia is measurable and common; 6. Past treatments for catatonia; 7. Management of catatonia today; 8. The neurology of catatonia; 9. Back to the future.

2003 274pp 33 illustrations
0 521 82226 2 Hardback £55.00/\$80.00

The Self in Neuroscience and Psychiatry

Edited by Tilo Kircher

Aachen Medizinische Universität, Germany

and Anthony David

Institute of Psychiatry, London, UK

In recent years neuroscience has contributed important insights to the concept and construction of the self from conditions, such as schizophrenia, in which the self becomes disordered. This book focuses on neuropsychiatric models of self-consciousness, set against introductory essays describing the philosophical, historical and psychological approaches.

Features

- *Encompass an extensive review of current scientific and clinical approaches to consciousness and self-consciousness*
- *Focuses on pathological states of self-consciousness, such as in schizophrenia and disordered mental states*

Contents: Part A. Conceptual Background; Part B. Cognitive and Neurosciences; Part C. Disturbances of the Self.

2003 496pp 35 illustrations
0 521 53350 3 Paperback £30.00/\$45.00
0 521 80387 X Hardback £80.00/\$125.00

Tinnitus Retraining Therapy

Implementing the Neurophysiological Model

Pawel J. Jastreboff

Emory University School of Medicine, USA

and Jonathan W. P. Hazell

University College London Hospitals, UK

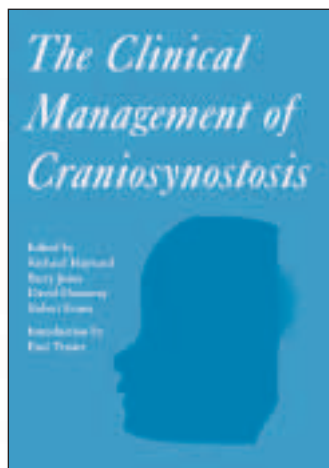
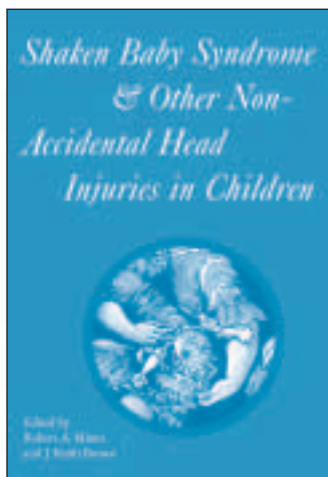
Tinnitus and oversensitivity to sound affect a substantial number of the population. Pawel Jastreboff's discovery of the mechanisms by which tinnitus and decreased sound tolerance occur has led to a new and effective treatment, Tinnitus Retraining Therapy (TRT). Audiologists, ENT specialists, psychologists and counsellors worldwide currently practise this technique, with very high success rates. This book presents a definitive description and justification for the Jastreboff neurophysiological model of tinnitus, outlining the essentials of TRT, reviewing the research literature, and providing an expert critique of other current therapeutic practices.

Features

- *Written by the deviser (Jastreboff) and clinical implementer (Hazell) of Tinnitus Retraining Therapy*
- *Margin comments and glossary make for easy navigation and understanding*
- *A definitive, dual author, treatment approach*

Contents: 1. Introduction; 2. The neurophysiological model of tinnitus and decreased sound tolerance; 3. Tinnitus retraining therapy – a clinical implementation of the model; 4. Evaluation of the treatment outcome and the results; 5. Prevention; 6. Critical overview of the selected tinnitus treatments; 7. General conclusions and future directions; Appendix; Index.

2004 320pp 48 illustrations
0 521 59256 9 Hardback £40.00/\$70.00



CHILD NEUROLOGY BOOKS FROM MAC KEITH PRESS

Shaken Baby Syndrome and Other Non-Accidental Head Injuries in Children

Edited by Robert Minns
University of Edinburgh, Scotland
and Keith Brown
Royal Edinburgh Hospital for Sick Children, Scotland

The Research Programme on Shaken Baby Syndrome in Edinburgh is internationally recognised for its research into the impact and effects of shaking a baby. In this book, a highly distinguished team of experts from the programme present their latest findings, covering diagnosis and the resulting long-term disability.

Features

- Based on the work of an internationally recognised research programme
- Written by a team of experts with a wide range of clinical experience of the syndrome
- Essential reading for all clinicians treating shaken baby syndrome in either hospital or community practice

Clinics in Developmental Medicine, 162

2004 239 x 170 mm 240pp 80 half-tones
1 898683 35 2 Hardback c. £50.00/c. \$75.00

ALSO OF INTEREST

Movement Disorders in Children

Emilio Fernandez-Alvarez
Universitat de Barcelona, Spain
and Jean Aicardi
Hôpital Robert Debré, Paris, France

'There is still much to be learnt in the field of paediatric movement disorder, and much to be recorded in future texts in the area. One can only hope that they will be as intelligently written as this pioneering work.'

EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY

International Review of Child Neurology

2001 272pp 82 illustrations
1 898683 23 9 Hardback £50.00/\$75.00

The Clinical Management of Craniosynostosis

Edited by Richard Hayward
Barry Jones
David Dunaway
and Robert Evans
All from Great Ormond Street Hospital for Children, London, UK

Children with craniosynostosis are born with congenital deformities of the face and skull. In severe cases associated problems are common: blindness, deafness, severe learning difficulties and facial deformities. Outside specialized craniofacial units, there is nowhere for professionals involved in primary or secondary care to go for help with the many practical problems that these children present. In this book, a distinguished team of editors have assembled experts in the field to introduce the non-craniofacial specialist to what can be achieved and how they can contribute to the child's welfare.

Features

- Written by practising specialists in craniosynostosis for non-specialists
- Shows non-specialists, from paediatricians to speech therapists through neurosurgery, ENT and ophthalmology, how they can help improve outcomes of afflicted children
- Accessible and practical enough for parents of affected children to find useful

Clinics in Developmental Medicine, 163

2004 438pp 70 illustrations
1 898683 36 0 Hardback £80.00/\$140.00

ALSO OF INTEREST

Diseases of the Nervous System in Childhood

2nd edition

Jean Aicardi
Institute of Child Health, University College London, UK

This book is one of the best of its kind and, as with the first edition, will continue to take first place on the bookshelf of all paediatric neurologists ...' **JNNP**
Clinics in Developmental Medicine

1998 907pp 270 illustrations
1 898683 16 6 Hardback £165.00/\$250.00

Disorders of Neuronal Migration

Edited by Peter G. Barth
Universiteit van Amsterdam, Netherlands

Disorders of neuronal migration are causes of mental handicap, autism, and epilepsy. Many are genetically determined and need precise diagnosis to provide genetic counselling. This book will help the clinician acquire insight as well as proficiency in diagnosis.

Features

- Synthesises the accumulated knowledge of a rapidly expanding, multi-disciplinary field straddling pediatrics, neurology and clinical genetics
- Written by a team of well-known experts in the field
- Provides a comprehensive source of information to aid in diagnosis and counselling

International Review of Child Neurology

2003 220pp
1 898683 31 X Hardback £45.00/\$65.00

Stroke and Cerebrovascular Disease in Childhood

Edited by Vijeya Ganesan
Institute of Child Health, University College London, UK
and Fenella Kirkham
Institute of Child Health, University College London and Great Ormond Street Hospital, London, UK

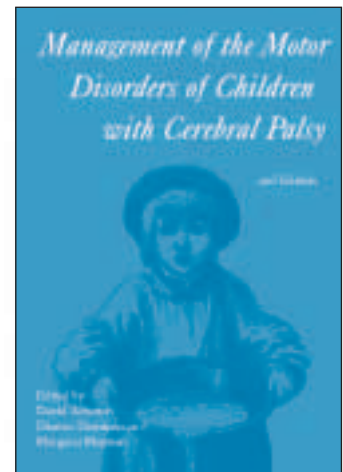
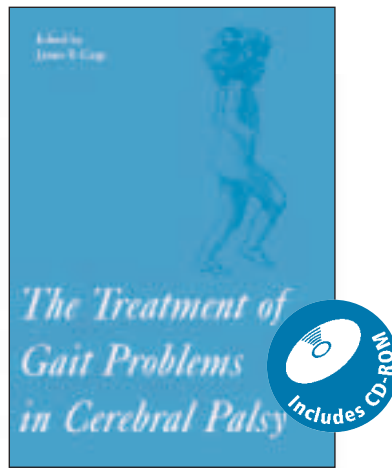
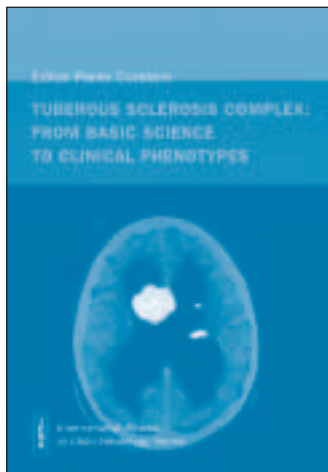
An up-to-the-minute, practical approach to the clinical problems and all aspects of stroke and cerebrovascular disease in children, ranging from a historical perspective to future directions, through epidemiology, the latest neuroimaging techniques, neurodevelopment, co-morbidities, diagnosis and treatment.

Features

- Synthesises the most recent research findings in one book
- Gives a practical approach to the clinical problems
- Broad-ranging coverage by an international team of experts

International Review of Child Neurology

2004 232 x 152 mm 180pp
1 898683 34 4 Hardback c. £50.00/c. \$75.00



Tuberous Sclerosis Complex

From Basic Science to Clinical Phenotypes

Edited by Paolo Curatolo
Università degli Studi di Roma 'Tor Vergata', Italy

Tuberous sclerosis incorporates malformations characterized by disturbances in cellular differentiation and growth. It presents with a complex association of different neurological phenotypes, including seizures, cognitive impairments and autism. This book correlates new genetic data and basic science, covers clinical presentation, reviews history and current diagnostic criteria, and deals with the recent advances in neuropathology, molecular genetics and neurobiology which give a better understanding of the pathogenesis of the disease.

'This is clearly the most authoritative and contemporary statement of current knowledge yet published.'

FROM THE FOREWORD BY H. SARNAT

Features

- **Comprehensive overview incorporating the most up-to-date science**
- **Enables better recognition, understanding and diagnosis of a complex multisystem disorder**
- **Covers clinical management, future and current research, and most recent findings from genetics and related fields**

International Review of Child Neurology

2003 328pp 90 illustrations
1 898683 39 5 Hardback £55.00/\$75.00

FORTHCOMING

Central Nervous System Tumours of Childhood

Edward Estlin
Royal Manchester Children's Hospital, UK
and Stephen Lewis
The Hospital for Sick Children, Bristol, UK

This concise, broad and practical text covers all clinical aspects of central nervous system tumours in children.

Clinics in Developmental Medicine 166

2005 192pp 50 illustrations
1 898683 38 7 Hardback c. £50.00/c. \$70.00

The Treatment of Gait Problems in Cerebral Palsy

Edited by James R. Gage
Gillette Children's Speciality Healthcare, St Paul, USA

A range of experts who manage gait problems in cerebral palsy have combined to create this state-of-the-art resource. They examine brain pathology, current treatment modalities, child assessment, and treatment outcomes. An attached CD-ROM illustrates the process of gait analysis. Clinicians, therapists and bioengineers will find this book uniquely useful.

Features

- **Up-to-the-minute, comprehensive resource for all the practitioners involved in gait management: from clinicians to bioengineers**
- **Covers everything from brain pathology, computerized gait analysis and integrated treatment methods to assessment of treatment outcomes**
- **Includes CD-ROM showing pre- and post-treatment examples, illustrating the process of gait analysis**

Clinics in Developmental Medicine 164

2004 464pp 90 illustrations
1 898683 37 9 Hardback with CD £85.00/\$150.00

FORTHCOMING

Prechtl's Method of Qualitative General Movement Assessment

Christa Einspieler, Heinz F. R. Prechtl, Arend F. Bos, Fabrizio Ferrari, and Giovanni Cioni

Heinz Prechtl's qualitative assessment of general movements (GMs) predicts cerebral palsy and developmental deficits later on in life. It includes a CD-ROM giving 15 cases selected from the book to demonstrate the different age-specific movement patterns.

Clinics in Developmental Medicine (Mac Keith Press), 167

2004 180pp 62 illustrations
Hardback and CD ROM c. £50.00/c. \$90.00

NEW EDITION

Management of the Motor Disorders of Children with Cerebral Palsy

2nd edition

Edited by David Scrutton
Institute of Child Health, University College London, UK
Diane Damiano
University of Washington, USA
and Margaret Mayston
University College London, UK

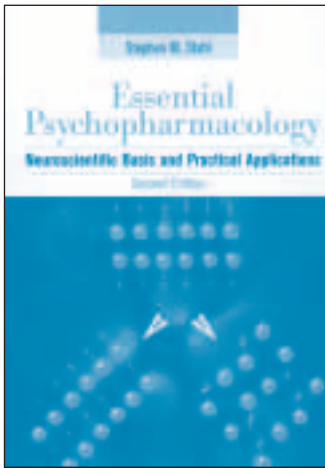
This entirely rewritten new edition, with two new editors from America and Australia, describes the most up-to-date thinking on the treatment of cerebral palsy. Coverage includes the types of cerebral palsy; assessment; goal-setting; learning and neural plasticity; mechanisms of deformity, its prevention and treatment, and the transition to adult life.

Features

- **Completely new book following on from and updating entirely the first edition of 18 years ago**
- **Global in its view, with two new editors covering the state of the art in America and Australia**

Clinics in Developmental Medicine, 161

2004 214pp
1 898683 32 8 Hardback £50.00/\$90.00



Essential Psychopharmacology

Neuroscientific Basis and Clinical Applications

2nd edition

Adaptation by Stephen M. Stahl
University of California, San Diego, USA

Illustrated by Nancy Muntner

Fully revised, and much expanded with many new illustrations, and with self-assessment tests following each chapter, this second edition covers all recent advances in psychopharmacology. This is the essential text for students, clinicians and mental health professionals who have to master the complexities of psychopharmacology, and plan sound treatment approaches.

'This book is a bedrock for basic understanding of the complex and fast moving field of psychopharmacology, and should be a part of every prescribing clinician's library. It is highly recommended and will be useful in many contexts.'

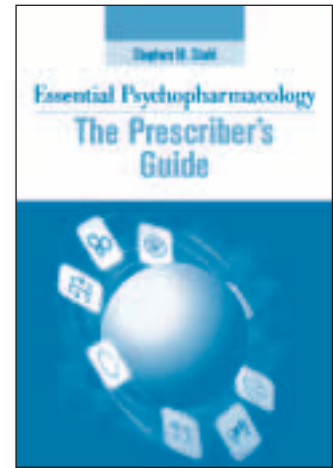
DOODY'S PUBLISHING

Features

- Expanded text now fifty percent longer with more than twice the original number of illustrations
- Incorporates extended coverage of bipolar disorders, sleep disorders, attention deficit disorder, Alzheimer's, drug abuse, new drug combinations and gender as well as new theories on the origins of schizophrenia and depression
- Includes new end-of-chapter self-assessment tests

Contents: Preface; 1. Principles of chemical neurotransmission; 2. Receptors and enzymes as the targets of drug action; 3. Special properties of receptors; 4. Chemical neurotransmission as the mediator of disease actions; 5. Depression and bipolar disorders; 6. Classical antidepressants, serotonin selective reuptake inhibitors and noradrenergic reuptake inhibitors; 7. Newer antidepressants and mood stabilizers; 8. Anxiolytics and sedative-hypnotics; 9. Drug treatments for obsessive compulsive disorder, panic disorder and phobic disorders; 10. Psychosis and schizophrenia; 11. Antipsychotic agents; 12. Cognitive enhancers; 13. Psychopharmacology of reward and drugs of abuse; 14. Gender and sexual psychopharmacology; References; Index.

2000	660pp	500 illustrations	
0 521 64615 4	Paperback		£48.00/\$70.00
0 521 64154 3	Hardback		£130.00/\$190.00



FORTHCOMING

Essential Psychopharmacology

The Prescribers Guide

Stephen M. Stahl

The *Prescriber's Guide* is a pragmatic guide for prescribing clinicians. Stephen Stahl gives all the information a prescriber needs for 99 psychotropic drugs in four categories: general therapeutics, side effects, special populations, and pearls. Each element has a target icon for easy location, and two comprehensive indexes give the generic and proprietary names for all the drugs featured, and list the generic drugs by use.

Features

- Covers 99 psychotropic drugs
- Easy-to-use format with color icons marking each element
- Latest addition to the highly successful family of *Essential Psychopharmacology* books from Stephen Stahl

Contents: 1. Alprazolam (XR); 2. Amineptine; 3. Amisulpiride; 4. Amitriptyline; 5. Amoxapine; 6. Aripiprazole; 7. Atomoxetine; 8. Bupropion; 9. Buspirone; 10. Carbamazepine; 11. Chlordiazepoxide; 12. Chlorpromazine; 13. Citalopram; 14. Clomipramine; 15. Clonazepam; 16. Clonidine; 17. Clorazepate; 18. Clozapine; 19. D amphetamine; 20. D.I amphetamine (XR); 21. Desipramine; 22. Diazepam; 23. Donepezil; 24. Dothiopin; 25. Doxepin; 26. Duloxetine; 27. Escitalopram; 28. Estazolam; 29. Estradiol; 30. Flumazenil; 31. Fluoxetine (weekly); 32. Flupenthixol; 33. Fluphenazine; 34. Flurazepam; 35. Fluvoxamine; 36. Gabapentin; 37. Galantamine; 38. Guanfacine; 39. Haloperidol (IM); 40. Hydroxyzine (IM); 41. Imipramine; 42. Isocarboxazid; 43. Lamotrigine; 44. Lithium (SR); 45. Lofepramine; 46. Lorazepam; 47. Loxapine; 48. Maprotiline; 49. Memantine; 50. Mesoridazine; 51. Methylphenidate; 52. Midazolam; 53. Milnacipran; 54. Mirtazapine; 55. Moclobemide; 56. Modafinil; 57. Molindone; 58. Nefazodone; 59. Nortriptyline; 60. Olanzapine (IM); 61. Oxazepam; 62. Oxcarbazepine; 63. Paroxetine (CR); 64. Pemoline; 65. Perospirone; 66. Perphenazine; 67. Phenelzine; 68. Pimozide; 69. Pipothiazine; 70. Pregabalin; 71. Protriptyline; 72. Quazepam; 73. Quetiapine; 74. Reboxetine; 75. Risperidone (Consta); 76. Rivastigmine; 77. Selegiline; 78. Sertraline; 79. Sulpiride; 80. Tacrine; 81. Temazepam; 82. Thioridazine; 83. Tiagabine; 84. Tianeptine; 85. Topiramate; 86. Tranylcypromine; 87. Trazodone; 88. Triazolam; 89. Trifluoperazine; 90. Trimipramine; 91. Valproic acid; 92. Venlafaxine (XR); 93. Verapamil; 94. Zaleplon; 95. Ziprasidone (IM); 96. Zolpidem; 97. Zopiclone; 98. Zotepine; 99. Zuclopenthixol; 100. Index by drug name (generic and international trade names); 101. Index by use.

2004	416pp	4 illustrations	
0 521 01169 8	Paperback		c. £30.00/c. \$45.00

ALSO OF INTEREST

The New Brain Sciences Perils and Prospects

Edited by Dai Rees and Steven Rose
The Open University, Milton Keynes, UK

The brain is the most complex organ in the body. The last 20 years have seen huge advances in our understanding of how it works and the neurosciences are currently one of the biggest fields of medical research. Researchers are now trying to understand the nature of consciousness itself. However, with discovery comes implication and responsibility. Written at a level accessible to all, this book is an attempt to expose some of these discoveries and question the boundaries of what is ethically, socially and legally acceptable.

Contents: Part I. Introduction; Part II. Freedom to Change; Part III. Neuroscience and the Law; Part IV. Stewardship of the New Brain Sciences; .

November 2004 306pp 11 illustrations
0 521 53714 2 Paperback c. £24.99/c. \$42.00
0 521 83009 5 Hardback c. £65.00/c. \$110.00

Boundaries of the Mind

Robert Wilson
University of Alberta, USA

Where does the mind begin and end? Most philosophers and cognitive scientists take the view that the mind is bounded by the skull or skin of the individual. Robert Wilson, in this new book, provides the foundations for the view that the mind extends beyond the boundary of the individual.

2004 392pp 15 illustrations
0 521 54494 7 Paperback £16.99/£24.99
0 521 83645 X Hardback £40.00/\$70.00

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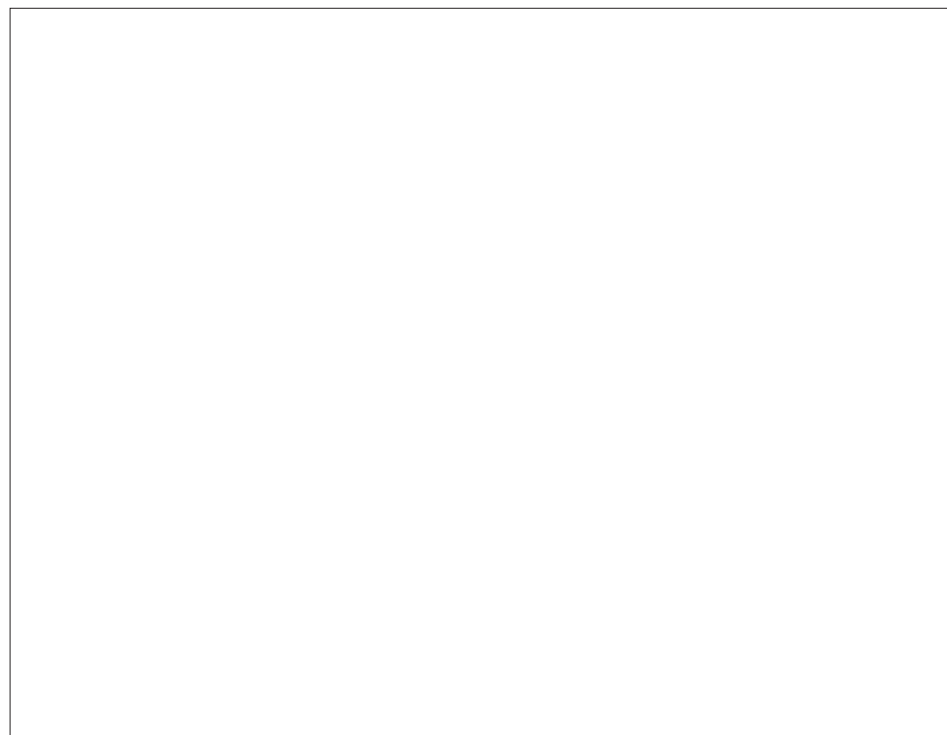
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