New Oxford textbook of psychiatry, vols 1 and 2

The New Oxford textbook is the latest and largest from the Oxford textbook of psychiatry’s stable. The book was originally published in 2000 and has recently appeared in paperback. This is the best modern British textbook of psychiatry. It is over 2000 pages long and comes in two stout volumes. The international editorship is led by Michael Gelder, Emeritus Professor of Psychiatry at Oxford, with Spanish (Jaun Lopez-Ibor) and American (Nancy Andreasen) co-editors. The book is inevitably based on a myriad of individual contributions, although the choice of contributor and standard of editing is exemplary.

The first volume covers general issues and the scientific basis of psychiatry, including a number of reviews of neurobiology. Interestingly, psychodynamic contributions have a separate section. The remainder of the first volume is taken up with coverage of the clinical syndromes of adult psychiatry, including substantial coverage of dementia.

The second volume includes review of special topics with a number of articles on aspects of the psychiatry and medical conditions. This includes a useful chapter on neurologic disease by Maria Ron, and on epilepsy in general. The remaining part of the second volume addresses the psychiatric subspecialties as well as having a substantial section on psychiatric treatments, both pharmacological and non-pharmacological.

This text is my personal first choice when I encounter a problem in the clinic that I want to look up—and I am rarely disappointed by what it says. This is a Rolls Royce of a textbook. There is a tendency to think of books as large as this one (particularly at a price of £125 even for the paperback) as suitable only for libraries. This would be a mistake. Despite its size and price this book’s accuracy, comprehensiveness and breadth make it the first choice as a postgraduate handbook, not only for psychiatrists but for neurologists and neurosurgeons too.

M Sharpe

The parallel brain: the cognitive neuroscience of the corpus callosum

Rogier Sperry’s research on the cognitive abilities of split-brain patients following callosal section is a landmark in the study of brain-behaviour relationships. His studies firmly established the role of the corpus callosum in inter-hemispheric information transfer. What have we learned more recently about the role of the corpus callosum in cognition? In this book Eran Zaidel (originally one of Sperry’s students) and neurologist Marco Iacoboni present 22 chapters based on a 1996 NATO Advanced Science Institute that attempt to answer this question. The central focus is on the classic problem of why reaction time to respond to a light flashed in either visual field differs according to whether the ipsilateral or contralateral hand is used to respond (known as the Poffenberger effect, after the psychologist who described it in 1912). This is thought to reflect callosal information transfer between the hemispheres; the book uses anatomical, physiological, and behavioural perspectives to address the question of what information is transferred and how the transfer might occur. Despite its size and price this book’s price of £125 even for the paperback) as books as large as this one (particularly at a price of £125 even for the paperback) as suitable only for libraries. This would be a mistake. Despite its size and price this book’s accuracy, comprehensiveness and breadth make it the first choice as a postgraduate handbook, not only for psychiatrists but for neurologists and neurosurgeons too.

M Sharpe

Magnetic resonance imaging in stroke

This book does much more than its title would suggest. Although mainly concerned with magnetic resonance imaging (MRI) in stroke, the text actually covers single photon emission computed tomography (SPECT) and positron emission tomography (PET) imaging as well and in detail. Many of the best chapters ever written on computed tomography (CT) in stroke. The approach and content reflect the predominance of neurologists among the editors and authors, with only a few radiologists, and is really aimed at neurologists and stroke physicians.

The scene is set in the first chapter with a discussion of the limitations of clinical diagnosis of stroke and the specific role that imaging can play in diagnosing the type and cause of stroke. There is a superb chapter on CT in acute stroke, which exemplifies how the role of imaging in any diagnostic process should be evaluated. Separately, there is a chapter on CT evaluation of cerebral blood flow, a useful and practical introduction to MRI, discussion of conventional structural MR techniques such as T2, FLAIR, and gradient echo sequences, and a section on MR angiography. Much of the rest of the book (about half of it) is given over to diffusion and perfusion MRI, including its evaluation in animal models, concepts of identifying the ischaemic penumbra, evaluation of transient ischaemic attacks, selection of patients for new therapies and drug development trials, and finally a chapter on MR spectroscopy and a (very short) chapter on functional MR after stroke.

Although written by MR enthusiasts, the text is tempered with some discussion of the drawbacks of MR, such as poorer patient accessibility (compared with CT) and problems of metallic foreign bodies. It also makes the point that, despite the huge interest in MR diffusion and perfusion imaging, the precise thresholds of defining irreversibly damaged tissue and tissue at risk are yet to be determined. Some aspects of stroke MRI are not dealt with in much detail, for example classification or interpretation of white matter lesions (frequently found in stroke patients), or the identification and interpretation of microhaemorrhages on MR and how they might influence decisions regarding stroke treatment, or on using diffusion imaging to identify lesions in patients with milder strokes or delayed intervals after acute stroke (that is, not just the first few hours). There is very little on practical issues (perhaps reflecting the novelty rather than the radiology approach such as how one assess a stroke patient who is unable to speak prior to MR to make sure that it is safe for the patient to go into the magnet, and how one manages the patient while in the magnet with respect to factors such as oxygenation.

Some of the authors express personal views that not all readers will agree with. For example, in the chapter on assessment of a transient ischemic attack (TIA), the authors suggest that the definition of a TIA should be changed to one based on the presence or absence of certain imaging features. Although this clearly represents a personal opinion, expressed by the authors as a suggestion to changing a classification that is so fundamental to stroke epidemiology and clinical practice is that only those with access to an MR scanner with diffusion imaging would be able to correctly diagnose a TIA using this new classification. Not only that, but the diagnosis of TIA might be dependent on the ability of the local radiologist or clinician to spot subtle features of recent ischaemia on diffusion imaging. I was surprised at the timing of scanning after symptom onset.

I found it a little disappointing that a proportion of the perfusion images were presented in black and white when this is one technique which really requires colour display for proper interpretation and appreciation. In summary, this is a useful textbook, particularly for neurologists or stroke physicians who need to understand more about imaging and its role in patient characterisation, decision making, and assessment of treatments in acute stroke. It’s not just about MR and everybody with an interest in stroke should read the chapter on clinical efficacy of CT in acute cerebral ischaemia, and it is 250 pages it is easily digestible and yet also a useful reference. At £80.00 I think compared with other books on MR and on stroke it represents good value for money.

G Rees

Cortex and mind: unifying cognition

Joaquin M Fuster is a distinguished American neuroscientist whose work has explored the neurophysiology of cognition, largely in animals, but with the ultimate goal of understanding how the human mind is implemented in the brain. His own research has focused particularly on the neurophysiology of working memory, revealing “memory” cells in the prefrontal cortex that help to retain the information an animal must “keep in mind” if it is to act appropriately after a delay—like the position of an object covered well contains. At 17 the prefrontal memory cells are a key component of an extensive cortical network required to maintain working memory, which also involves
Oxford Textbook. Winner of First Prize in the mental health category at the BMA awards. An established and highly-praised textbook of psychiatry. Written and edited by the foremost international authorities. Integrates biological, psychological, and social approaches, providing the broadest possible coverage of the field. The sections on forensic psychiatry and on psychology as a basic science have been expanded. Among the new chapters are new entries on Stigma and discrimination, and on Values-based practice. New Oxford Textbook of Psychiatry. Edited by Michael Gelder, Nancy Andreasen, Juan Lopez-Ibor, and John Geddes. Oxford Textbook.

Description. The ‘New Oxford Textbook of Psychiatry’ is one of the leading reference works in this field. TEXTBOOK OF BIOLOGICAL PSYCHIATRY TEXTBOOK OF BIOLOGICAL PSYCHIATRY Edited By Jaak Panksepp, Ph.D. J. P. Scott Center

Textbook of Disaster Psychiatry. This page intentionally left blank

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