

BOOKS RECEIVED

DIGITAL NEUROANATOMY - AN INTERACTIVE CD ATLAS WITH TEXT. 2006. By George R. Leichnetz. Published by John Wiley & Sons, Inc. 92 pages. C\$91 approx.

NEURO-ONCOLOGY: NEUROSURGICAL OPERATIVE ATLAS - SECOND EDITION. 2006. By Behnam Badie. Published by Thieme. 368 pages. C\$294 approx.

CELL THERAPY, STEM CELLS, AND BRAIN REPAIR. 2006. Edited by Cyndy Davis Sanberg, Paul R. Sandberg. Published by Humana Press. 391 pages. C\$147 approx.

HANDBOOK OF EXPERIMENTAL NEUROLOGY - METHODS AND TECHNIQUES IN ANIMAL RESEARCH. 2006. Edited by Turgut Tatlisumak, Marc Fisher. Published by Cambridge University Press. 579 pages. C\$235 approx.

COMPUTING BRAIN ACTIVITY MAPS - FROM fMRI TIME-SERIES IMAGES. 2007. By Gordon E. Sarty. Published by Cambridge University Press. 187 pages. C\$105 approx.

LANGUAGE: NORMAL AND PATHOLOGICAL DEVELOPMENT. MARIANI FOUNDATION PAEDIATRIC NEUROLOGY. VOLUME 16. 2006. Edited by Daria Riva, Isabelle Rapin, Giovanna Zardini. Published by John Libbey Eurotext Limited. 265 pages. C\$94 approx.

HANDBOOK OF NEURAL ENGINEERING. 2007. Edited by Metin Akay. Published by John Wiley & Sons, Inc. 663 pages. C\$195 approx.

MANUAL OF NEURAL THERAPY ACCORDING TO HUNEKE - SECOND EDITION. 2007. By Peter Dosch, Mathias Dosch. Published by Thieme. 398 pages. C\$153 approx.

EUROPEAN HANDBOOK OF NEUROLOGICAL MANAGEMENT. 2006. Edited by Richard Hughes, Michael Brainin, Nils Erik Gilhus. Published by Blackwell Publishing. 640 pages. C\$187 approx.

THE JOHNS HOPKINS ATLAS OF DIGITAL EEG - AN INTERACTIVE TRAINING GUIDE. 2007. Edited by Gregory L. Krauss, Robert S. Fisher. Published by The Johns Hopkins University Press. 360 pages. C\$147 approx.

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CONTROVERSIES IN NEUROLOGICAL SURGERY - NEUROVASCULAR DISEASES. 2006. Edited by Michael T. Lawton, Daryl R. Gress, Randall T. Higashida. Published by Thieme and the American Association of Neurological Surgeons (AANS). 286 pages. Price C\$210.

This textbook is intended as a discussion of clinical controversies in the management of patients with neurovascular disorders. It is a compilation of the perspectives and practices of leaders in vascular neurosurgery, interventional neuroradiology, endovascular surgery and radiosurgery. The contributors were to emphasize “decision-making” and analysis of treatment alternatives to help clinicians “steer” patients through the critical issues and difficult choices that options for treatment now present. The lead editor intends that the book “paint a picture of the future of this rapidly evolving, interdisciplinary, and highly controversial specialty”. The AANS designates this textbook as a CME activity for AMA Category 1 credits.

This textbook is presented in three sections. The first explores “Trends in Neurovascular Medicine”. These chapters describe the evolution of surgical and endovascular technologies and suggest existing and future directions for research. One chapter describes current knowledge of the molecular and genetic bases of neurovascular disorders, discusses gene therapy techniques and stem cell therapies, and predicts ways in which screening for and modification of these disorders will benefit patients.

The second section deals with disorders where clinical controversies have resulted from the development of treatment options. Several chapters deal with aneurysms, presenting arguments for and against observational, surgical and endovascular management strategies. Up to date data and trial results are presented in each chapter, with interpretations that reflect the author’s experience and bias. There is emphasis placed on the natural history of unruptured and ruptured aneurysms, treatment options available and morbidity and mortality associated with these options. While this plethora of expertise makes for repetition, I was able to focus on the issues and felt well informed as a result.