

comprehensive in their treatment of individual subjects. The *Handbook of Shock and Trauma, Volume 1/Basic Science*, is an attempt by the authors to lay the foundation of knowledge necessary to comprehend subsequent volumes in this series.

In the preface the editors state "*The Handbook of Shock and Trauma* presents to the investigator, student and clinician an incisively comprehensive analysis of the state of the art in shock research and management". Volume I meets these rather ambitious objectives in that it is a state of the art review of shock research up until 1981. The many contributors, most of whom are noted experts in their field, have done a good job in summarizing the legion of material published in their fields.

The book is divided into six sections. The major sections include the Cardiovascular System in Shock, Other Organ Systems in Shock and Trauma, Cellular Alterations in Shock and Trauma, Subcellular Aspects, Neurohumoral, Hormonal, and Toxin Aspects of Shock and Shock Models, Species Specificity, and Anesthesia. All sections are well written and despite the multi-author format which inevitably will lead to some overlap, there is a good continuity to the book. Each section is preceded by a short introduction that clearly explains the objectives of the section, who the authors are, and the

intended use of the knowledge within the section so that the text can be read in perspective. In general, illustrations are well presented and helpful. Especially well done are the chapters on the heart in shock and the peripheral circulation in shock as well as the section on the effect of shock on organ systems. However, the chapter on the sympathetic and central nervous systems in shock is somewhat less than comprehensive and likely reflects a relative lack of knowledge in this area.

On the whole the book is an excellent multi-authored textbook which is well written and referenced. The nature of the subject dictates that the text is outdated at publication, but this does not deter from the usefulness of this volume as a basic reference guide to the topics reviewed. However, I do not see the average neurologist having much interest in the basic science of trauma and shock. This book is more likely to be of interest to those who work in Intensive Care Units and deal with shock and trauma on a day to day basis. As an intensivist, I am looking forward to Volume II which promises to develop therapeutic principles of shock management in a similar comprehensive way.

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Books Received

ALZHEIMERS DISEASE — THE STANDARD REFERENCE. 1983. Edited by Barry Reisberg. Published by Collier MacMillan Canada Inc. 475 pages. \$69.95 Cdn.

ANIMAL MODELS IN PSYCHOTHERAPY. Edited by Nigel W. Bond. Published by Academic Press Inc. 318 pages. \$40 Cdn. approx.

BRAIN RECEPTOR METHODOLOGIES Part B — Amino Acids, Peptides, Psychoactive Drugs. Edited by Paul J. Marangos, Iain C. Campbell, Robert M. Cohen. Published by Academic Press Inc. 336 pages. \$62 Cdn. approx.

BRAINSTEM CONTROL OF SPINAL CORD FUNCTION. Edited by Charles D. Barnes. Published by Academic Press Canada. 291 pages. \$67 Cdn.

INTERNATIONAL REVIEW OF NEUROBIOLOGY. Volume 25. Edited by John R. Smythies and Ronald J. Bradley. Published by Academic Press Inc. 446 pages. \$89 Cdn. approx.

MEDICAL PHYSICS. Volume III Synapse, Neuron, Brain. By A.C. Damask and C.E. Swenberg. Published by Academic Press Inc. 337 pages.

MOVEMENT DISORDERS: TREMOR. Edited by Leslie J. Findley and Rudy Capildeo. Published by Oxford University Press, N.Y. 493 pages.

NEUROLOGIE DES COMPORTEMENTS. Directeur de la publication: Jean Delacour. Published by Hermann éditeurs des sciences et des arts. 265 pages.

NEUROLOGY. The Physician's Guide. Edited by Robert Feldman. Published by Thieme-Stratton Inc. 276 pages. \$39.75 Cdn.

PEDIATRIC NEUROLOGIC PHYSICAL THERAPY. Edited by Suzann K. Campbell. Published by Churchill-Livingstone. 430 pages.

PRINCIPLES OF NEURAL DEVELOPMENT. Published by Sinauer Associates Inc. 433 pages. \$44 Cdn. approx.

RECENT ADVANCES IN EPILEPSY. Volume 2. Edited by Timothy A. Pedley and Brian S. Meldrum. Published by Academic Press Canada. 344 pages. \$73 Cdn.

THE HEREDITARY ATAXIAS AND RELATED DISORDERS. By A.E. Harding. Published by Academic Press Canada. 266 pages. \$78 Cdn.

THE NODE OF RANVIER. Edited by Joy C. Zagoren and Sergey Federoff. Published by Academic Press Inc. 392 pages. \$95 Cdn. approx.

TOPICS IN NEONATAL NEUROLOGY. Edited by Harvey B. Sarnat. Published by Academic Press Canada. 301 pages. \$64.50 Cdn.