

eye movements and C.T. scanning. The section on perimetry is an informative critique and rationale of modern kinetic and static visual field techniques. This section is particularly rewarding to the neurologist or neurosurgeon who is unfamiliar with modern perimetry, but must interpret Goldman fields performed by neurologically naive ophthalmologists or technicians. Refreshing challenges to old dogmas are made; purely bitemporal field defects are the exception in chiasmal compression; incongruous homonymous field defects and congruous homonymous sector defects may signify damage to the geniculate body rather than the optic radiation.

The section on the pupil features a review of tonic pupils, what causes them and how to recognize them. Thereafter the section is a rehash of material recently published elsewhere. Next, four authorities survey experimental studies of the role of axoplasmic flow in the genesis of optic disc oedema. A chapter on experimental optic atrophy indicates that optic axons show simultaneous retrograde degeneration all along their course after nerve section. Failed retrograde axonal transport of an axonal messenger may signal death of the ganglion cell. The mechanisms of neuronal death and lack of regeneration can be studied in the optic nerve, as no where else in the brain. A discussion of the comparative merits of visual evoked potentials, contrast sensitivity testing, and double flash perception in multiple sclerosis concludes the section.

The section about eye movements concentrates on the neurophysiology of saccades and their disorders. Additional discussion of the pursuit and vestibulo-ocular systems would have been appropriate. Pertinent material in an heuristic chapter on nystagmus is presented more thoroughly by the same authors in another book. A valuable dissertation on clinical applications of ocular motor models highlights the section. The book concludes with five, nicely illustrated, brief chapters on C.T. scanning. Unfortunately for neuroscientists, the C.T. scan section is practically confined to the orbit. This book warrants the attention of interested neurologists

and neurosurgeons. It is a concise, yet comprehensive, summary of recent trends.

James A. Sharpe, M.D.

### **Health Computer Guide Now Available.**

The Health Computer Information Bureau's 1980 reference guide is now available. The Bureau, located in Ottawa, consolidates information related to health computing and acts as a resource centre and consulting service to health professionals.

Their 1980 reference guide, *Health Computer Applications in Canada*, contains over 250 pages of information valuable to any health facility.

"The guide gives present users ideas on how to get maximum mileage out of their investment", says Bureau Director Marjorie Hayes, "while it can help those about to purchase a computer make the right decision". Its purpose is to save health facilities time and money by putting as much information about health computing in Canada in one handy reference guide."

Its four sections give users the latest information on who's who in health computing, listing hundreds of health professionals who use computers in their everyday work. Various software companies and their capabilities are included along with a variety of articles on computer usage such as applying a business computer in a medical reference laboratory.

The guide also details the hardware and software packages now being used by health professionals and comprehensively details over 350 accounts of individuals across the country getting maximum mileage out of their computers.

The Health Computer Information Bureau is sponsored by the Canadian Hospital Association, Canadian Medical Association and the Canadian Organization for Advancement of Computers in Health.

The Bureau's newest reference guide, its 6th edition, is available for \$50 in Canada and \$65 outside the country and can be obtained from the Bureau at 410 Laurier Avenue West, Suite 800, Ottawa, Ontario K1R 7T6.

## **Books Received**

**ANNUAL RESEARCH REVIEWS: SUBSTANCE P — VOLUME 2.** Petr Skrabanek and David Powell, published by Eden Press, 245 Victoria Avenue #10, Westmount, PQ H3Z 2M6 April 1980. 176 pages. \$32.00.

**ANNUAL RESEARCH REVIEWS: RENIN — VOLUME 4.** Suzanne Oparil, Richard Katholi and Sherry Winternitz, published by Eden Press, 245 Victoria Avenue #10, Westmount, PQ H3Z 2M6, April 1980. 281 pages. \$32.00.

**ANNUAL RESEARCH REVIEWS: ANTIDIURETIC HORMONE — VOLUME 4.** Mary L. Forsling, published by Eden Press, 245 Victoria Avenue #10, Westmount, PQ H3Z 2M6, April 1980. 165 pages. \$26.00.

**TEXTBOOK OF CHILD NEUROLOGY — 2ND EDITION.** John H. Menkes MD, published by Lea & Febiger, Philadelphia, available in Canada from: MacMillan of Canada/Maclean-Hunter Press, Medical Division, 70 Bond Street, Toronto, Ontario M5B 1X3, 1980. 695 pages. \$47.50.

**REVIEW OF GENERAL INTERNAL MEDICINE: A Self-Assessment Manual.** Edited by Lloyd H. Smith Jr. and James B. Wyngaarden, published by W.B. Saunders, Philadelphia, London, Toronto, available in Canada from W.B. Saunders Co. Canada Ltd., One Goldthorne Avenue, Toronto, Ontario M8Z 5T9, 1980. 330 pages.

**BIOLOGICAL STUDIES OF MENTAL PROCESSES.** Edited by David Caplan, published by MIT Press, Cambridge-Mass, and London-England, 1980. 335 pages. \$24.95 U.S.

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### **ERROR**

The paper of L.R. Lapointe, J. Lamarche, A. Solloum and R. Beaudry in Volume 7, No. 2, May 1980, page 163 showed illustrations 2B and 2C with the legends reversed.

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