

## THE ANESTHESIOLOGIST'S BOOKSHELF

HUBERTA M. LIVINGSTONE, M.D., *Editor*

**The Year Book of General Surgery (1958-1959 Series).** Edited by MICHAEL E. DE BAKEY, B.S., M.D., M.S., Professor of Surgery and Chairman, Cora and Webb Mading Department of Surgery, Baylor University College of Medicine, Houston, Texas. With a Section on Anesthesia edited by STUART C. CULLEN, M.D., Professor and Chairman, Department of Anesthesia, University of California Medical Center, San Francisco, Calif. Cloth \$7.50. Pp. 588, with 149 illustrations. The Year Book Publishers Inc., 200 E. Illinois St., Chicago 11, Illinois, 1958.

This latest volume in the Year Book of Surgery series follows the same format as previous publications. Articles from many well-known journals are summarized in a concise, easily understandable fashion, and most summaries are followed by appropriate and authoritative editorial comment. Most of the articles abstracted have appeared in the better-known journals. Foreign representation is limited. All of the original articles were published prior to May, 1958.

The section on anesthesia occupies 86 of the 557 pages in the book. The 69 articles reviewed are grouped under the headings of depressant drugs, ventilation, circulation, inhalation anesthesia, relaxants, regional anesthesia, spinal anesthesia and miscellaneous. However, many articles in the section on general surgery are directly related to anesthesia. For the busy anesthesiologist, this volume offers an easy opportunity to keep abreast of current trends of thought in anesthesiology. Perhaps more important is the presentation of the trends being taken by his inseparable colleague, the surgeon, for a large portion of the section on surgery is devoted to artificial circulation, surgery for vascular insufficiency and tissue transplantation.

This volume is made up in an excellent format. Illustrations are numerous and of super-

rior quality. The index is extremely accurate and intelligible.

DAVID A. DAVIS, M.D.

**Pathophysiology in Surgery.** By JAMES D. HARDY, M.S., M.D., F.A.C.S., Professor and Chairman, Department of Surgery, and Director of Surgical Research, University of Mississippi Medical Center. Cloth \$19.00. Pp. 704, with 278 illustrations. Williams & Wilkins Company, Baltimore 2, Maryland, 1958.

Hardy's textbook on human physiology as it pertains to medical care should be a must for practitioners in medicine and surgery. It represents, not only a systematic development of topics by organ systems, but also an almost up-to-the-minute epitome of recently exploited areas in: the physiology of injury; body constituents, water and solids; surgical nutrition; connective tissue, wound healing and homotransplantation; surgical microbiology; the etiology, spread and control of cancer; radiation and radioisotopes; and surgical enzymology.

The text is documented by almost one thousand discriminately selected references, including a number of the author's own, for he has contributed many original papers in experimental surgery. The style is very readable, and rendered graphic by frequent inclusion of case histories and line charts of original data obtained from clinical studies.

The only shortcoming detected by this reviewer was the superficial treatment of the physiology of anesthesia. The reader is left with the disquieting impression that the author is willing to provide minimal information, and that largely drawn from archaic literature, as adequate coverage for the surgeon's responsibility in this critical phase of surgical management. The point is so obvious, in fact, that it might serve well to remind the anesthesiologist that his responsibility for knowing the pathophysiology of the surgical patient extends be-