

With perhaps the exception of the section on the urine, the contents of the volume are remarkably well arranged, and the work will be of considerable value to those to whom the ready access to a modern clinical laboratory is not practical. A. N.

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**A TEXT-BOOK OF HUMAN PHYSIOLOGY.** By ALBERT P. BRUBAKER, A.M., M.D., Professor of Physiology and Hygiene in the Jefferson Medical College; Professor of Physiology in the Pennsylvania College of Dental Surgery, etc. With colored plates and 354 illustrations. Philadelphia: P. Plakiston's Son & Co., 1904.

INASMUCH as this book is written for the medical student and practitioner, and is designed particularly to present the more important facts of physiology which have to do with the practical aspect of medicine, much of the technical portion of the subject is omitted, and the normal functions of the various organs and systems are related in an interesting and readable manner. The treatment of the subject is developed along the usual lines, and does not differ especially from other text-books of this nature. The paragraphing is well arranged, so that one can readily refer to any particular subject. One might mention a few instances, as in the discussion upon the origin of leukocytes, or upon the histology of the lymphatics, where the author's statements do not coincide with the current views concerning these subjects, but with a few exceptions the book is generally good. W. T. L.

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**A TEXT-BOOK OF PATHOLOGY. FOR PRACTITIONERS AND STUDENTS.** By JOSEPH MCFARLAND, M.D., Professor of Pathology and Bacteriology in the Medico-Chirurgical College, Philadelphia; Pathologist to the Philadelphia Hospital, and to the Medico-Chirurgical Hospital, Philadelphia. With 350 illustrations, a number in colors. Philadelphia, New York, and London: W. B. Saunders, & Co., 1904.

THIS work of 818 pages is a systematic treatise on general and special pathology. The ground, as far as the principles of pathology are concerned, is well covered, and the arrangement of the book is good. The subject of general pathology is first discussed. Here the questions of general etiology, defects of development, pathology of nutrition and of the circulation, characteristics of cell life, retrogressive and progressive tissue changes, parasitism, immunity, and infection are taken up. The accepted teachings are usually set down, but the "pros and cons" of the various undecided points are not, as a rule, given.

Under the heading of Special Pathology, the diseases of the various systems and organs are taken up in a well-ordered manner, the degenerations, hypertrophies, infections, etc., of each being discussed. A voluminous index of fifty-four pages adds to the value of the book. The size of the book is, perhaps, a fault, as it contains more than is really needed in teaching the subject to students of medicine, while it hardly covers the field of pathology with enough comprehensiveness to satisfy one as a work of reference.

The author's style is somewhat elaborate in places, and clear conceptions are not at all times given. The book contains some good photographs, while the drawings are of average quality. It presents an attractive appearance.

G. C. R.

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THE PRACTICAL MEDICINE SERIES OF YEAR BOOKS. Comprising ten volumes on the Year's Progress in Medicine and Surgery, issued monthly. Under the general editorial charge of GUSTAVUS P. HEAD, M.D., Professor of Laryngology and Rhinology, Chicago Post-graduate Medical School. Vol. IX. Physiology, Pathology, Bacteriology, Anatomy. Dictionary edited by W. A. EVANS, M.S., M.D.; ADOLPH GERHMANN, M.D., and WILLIAM HEALEY, A.B., M.D. Chicago: The Year Book Publishers, 1904.

THIS number preserves the same general form and arrangement as the preceding ones. The reviews are, as usual, quite full and comprehensive, while much of the important work of the year, particularly that possessing practical interest, is touched upon. The majority of the references, however, are confined to English and American authors.

It is very unfortunate that, evidently in binding, a portion of the authors' index should have been omitted.

W. T. L.

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A TEXT-BOOK OF PHYSIOLOGICAL CHEMISTRY. FOR STUDENTS OF MEDICINE AND PHYSICIANS. By CHARLES E. SIMON, M.D. Second edition, revised and enlarged. Philadelphia and New York: Lea Brothers & Co., 1904.

THIS second and enlarged edition of Dr. Simon's book should be particularly appreciated just at this time, for of late the extensive and important researches in physiological chemistry have rendered much service to medicine in general. Use has been made of these recent contributions and there is evidence of much revision. Particularly noteworthy are the chapters on Albumins, on the Products of Nitrogenous Katabolism, and on Gastric and Tryptic Digestion. Though the book is "intended as a text-book for the lecture-room