

Book Reviews.

Practical Uranalysis and Urinary Diagnosis: A Manual for the use of Physicians, Surgeons, and Students.—By Charles W. Purdy, M.D., LL.D. (Queen's University); Fellow of the Royal College of Physicians and Surgeons, Kingston; Professor of Clinical Medicine at the Chicago Post Graduate Medical School. Author of "Bright's Disease and Allied Affections of the Kidneys"; also of *Diabetes: Its Causes, Symptoms, and Treatment.* Fourth Revised Edition. With numerous Illustrations, including Photo-engravings and Colored Plates. In one Crown Octavo Volume, 365 pages, bound in extra Cloth, \$2.50 net. The F. A. Davis Co., Publishers, 1914-16 Cherry Street, Philadelphia; 117 W. Forty-second Street, New York City; 9 Lakeside Building, 218-220 S. Clark St., Chicago, Ill. For sale in Great Britain by Sampson Low, Marston & Company, St. Dunstan's House, Fleet Street, London, E. C.

It is only about a year since we gave a careful review of this excellent manual. The present revised edition has had some extended changes, more especially in the chemistry of the urine. Obsolete methods have been omitted, and a number of new illustrations added.

It is one of the most complete books on the urine now available. After general considerations, the composition of the normal urine is taken up; then that of abnormal, urinary and anatomical sediments, gravel and calculus.

Then the diagnosis of diseases of the urinary organs and urinary disorders, and finally the urine in other diseases. An appendix gives a useful *résumé* of how to examine urine in life insurance cases, and in appendix B a consideration of the reagents and apparatus for quantitative and determinate uranalysis. In regard to specific gravity, the author states that only approximately correct results are possible with the urinometer, and considers the use of more accurate methods advisable such as may be carried out with the Westphal or Mohr balance. With the former, the specific gravity may be carried out to the fifth figure or fourth decimal. An illustration of this instrument is given, and the method of taking the sp. gr. detailed; the method with a little practice is found to be simple, rapid and absolutely correct.

The author puts great emphasis on the advantage of the centrifugal method of obtaining urinary sediments for microscopical examination and quantitative analysis, and has still further perfected his electro-centrifuge so that it now covers the entire range of centrifugal work for medical and bacteriological and other purposes. It can be worked on the interrupted incandescent illuminating current or the constant incandescent, storage or galvanic current at any voltage from 10 to 120. It is capable of all grades