

every one of the hundred cases some bacterial agent was found in the urine; nevertheless, the author, though having no cases to report, admits that in rare instances we may have a true cystitis without any infection, as where the cause is some chemical irritant such as cantharides, or aniline.

In considerably more than half of the cases, acute and chronic, the bacillus coli communis was found in pure culture. In the remaining cases, with a few exceptions, the staphylococcus albus and aureus were found. Six cases of tuberculous cystitis were met with in the series. In four of these the cystitis was associated with pyelitis and pyelonephritis. The great frequency of colon bacillus infection is easily explained by the almost universal presence of the colon bacillus in the neighbourhood of the urethra, from which the catheter carries it to the bladder.

While thus supporting by his researches the almost universal belief in the bacterial origin of cystitis, the author contends for the importance of predisposing causes, such as trauma from the catheter, etc., congestion from pregnancy, parturition, relaxation of the vaginal outlet, pressure of tumours, retention of urine, besides all influences which lower the general condition of the patient.

Twenty cases of pyelitis and pyelonephritis were studied. Of these, six were tuberculous. When one bears in mind the great care and labour involved in collecting specimens of urine from each kidney, apart from the bacteriological examinations, some idea is had of the arduous nature of this most admirable piece of work.

A digested report of each of the hundred cases is appended. The bearing of these researches on questions of cause and treatment is obvious.

The third and last paper is on cases of infection with strongyloides intestinalis by Dr. Richard P. Strong, Asst. Surgeon, U.S. Army.

W. G.

A TEXT-BOOK OF GYNÆCOLOGY. Edited by Charles A. M. Reed, A.M., M.D. Gynæcologist and Clinical Lecturer on Surgical Diseases of Women at the Cincinnati Hospital. New York, D. Appleton & Co., 1901.

This admirable book is by various authors, selected by the editor for reputation acquired by them in connection with the subjects upon which they were asked to write. They are not all gynæcologists. We see the names of professors of pathology, therapeutics, diseases of the nervous system, dermatology, rectal surgery and general surgery. Nor are the authors all of the United States. Dr. Ballantyne of Edin-