

Combined with the medical treatment, the surgical must not be forgotten, for if there is any obstruction to the urinary tract, as for instance, pronounced cystocele in women, enlarged prostate in men, stricture in urethra, or ureters, calculi in bladder, pelvis of kidney or ureters in both sexes, medical treatment will be of slight avail in most cases.

Gentlemen, an analysis of each case presented would undoubtedly bring out many points of interest and show why, in some cases, local treatment as irrigation of bladder is indicated and not in others, as in cases Nos. 1 and 3. In the former case, boracic acid irrigations were prescribed, and it is this form of medication which should always be employed unless the infection is mixed as in case No. 3, when potassium permanganate (1:6,000) or oxycyanid mercury (1:10,000) is indicated, because of the staphylococcic infection present. Silver nitrate should not be used; for mechanical cleansing and stimulation of the circulation of the urinary organs by heat, to diminish congestion is the object sought, thereby increasing resistance of urinary tissue to infection rather than to lessen it, by increasing congestion and destroying epithelial cells, as often occurs when strong injections are used. In case No. 2, no local treatment to the urinary tract was advised, as pathologic conditions of bladder were insignificant and it was evident that removal of the cause would speedily effect a cure.

Urinary antiseptics.—Urotropine and like drugs here have no place. Their employment, since, if they are urinary antiseptics, pure and simple, as claimed, signifies treating symptoms and not the cause. The cause is the invasion of the coli bacilli from the intestines. Urotropine and like drugs interfere with digestion; indigestion signifies increased virulence of the coli bacilli; so these drugs' power to disturb digestion does more harm than their power to render the urine aseptic, does good. Salol which is both an urinary and intestinal antiseptic, on the contrary, is indicated in some cases. Santal oil, if fresh and properly administered or fluid extract of *zea*, c.c. 3.75 to 7.50, every four hours, are useful in almost every case, not as specific drugs, but as a means of rendering the urine bland, thus aiding recovery by giving rest, local and general, through stopping tenesmus and the frequent desire to urinate.

Gentlemen, if we stop and think for a moment, we shall remember that the colon bacillus is a natural habitat of the intestines; immediately realize that the object of all treatment is to keep this organism there, if so vigorous, that is, virulent, as to emigrate, reduce its virulence; if so abundant, reduce its numbers; in other