

7. Plastic operation repeated.

The bladder was so small when I began to treat her that she could not hold as much as 10 c.c. of fluid, and even under extreme anesthesia she strained and forced the fluid out if more was thrown in.

During all the time of the above treatments she received 135 irrigations of either boric acid or silver nitrate with boric acid.

Under this regimen the bladder recovered its capacity and normal appearance. To-day she is in perfect health and suffers no pain. The only remaining discomfort is that she urinates often, and this I have been unable to overcome, although I can now put 400 c.c. into her bladder.

CASE 4.—Miss C. P., aged 52, came to me in October, 1902. I saw her first in bed, a hopeless invalid, in intense pain, with spasmodic exacerbations day and night. I never saw a sadder picture. She lay moaning like a suffering animal in a constant state of apprehension of pain, and screamed when the vagina was touched, even for the purpose of making the gentlest examination. The entire bladder was the seat of intense inflammation and ulcerations from the vertex to the left ureter. Its capacity was two-thirds of an ounce (20 c.c.).

She has made a perfect recovery and has remained well, under the following treatments:

1. October, 1902, a vesico-vaginal fistula was made for drainage.

2. November, 1902, a suprapubic fistula was made to wash through and through; at the same time I enlarged the vesico-vaginal fistula. A plastic operation was necessary to open the vulvar orifice, which acted like a sphincter, retaining the foul urine in the vagina and bladder.

3. January, 1903, dilatation of suprapubic fistula with Hegar's dilators and introduction of a self-retaining catheter.

4. February, 1903, left nephroureterectomy, removing a tubercular kidney and ureter.

5. April, 1903, closure of the vesico-vaginal fistula.

Irrigations of a half-saturated solution of boric acid were given from one to six hours daily, amounting in all to 1,000 hours of treatment.

The result has been an absolute recovery, and she is now stout, robust and able to attend to all her household duties in town and country.

CASE 5.—Miss L. M., aged 24, came to me in January, 1900. She had had a vesico-vaginal fistula made to drain an intensely inflamed bladder three years before.