

## MEDICAL SENTINEL.

stroyed. Tubes disorganized by inflammation, universal adhesions. Convalescence normal. Mental recovery.

Case 77. Mrs. — aged 27; two children. For fifteen years suffered from pain in right side, worse the week following menstruation. Pain frequently excruciating. Local treatment gave relief only temporarily. For two years suffered from intermittent melancholia.

Examination showed enlarged, prolapsed and inflamed ovary with adhesions.

Operation. Removal of right appendage and restriction of left ovary.

Perfect recovery, physically and mentally.

Case 78. Mrs. —, aged 33, two children. Complained of "womb trouble" for several years with severe backache and headache. For last few years she would become mentally confused, would forget herself while engaged in domestic duties, and would be unable to continue the household work. Coupled with this were periods of melancholia.

Examination showed ruptured perineum and retroversion with adhesions,

Operation. Right ovary enlarged and cystic removed, left ovary cystic, resected, varicocele of veins ligated in two places and ventrofixation performed. Is progressing favorably, but too recent to report.

These last two might fitly be called borderland cases, as they could hardly be included as coming wholly under the classification suggested. Nevertheless they are evidently examples of the class from which the demented ranks are not unfrequently recruited and who require our most careful consideration.

Conclusions: (1.) That the prevalence of diseases of the pelvic organs, and the absence of any other determinable organic disease in many patients who manifest psychic abnormality, coupled with the fact that in a by no means small percentage of cases the removal of the pelvic disease is followed by a rapid return to the normal mental condition, justly lead us to the conclusion that between pelvic diseases and mental aberration there exists some correlation, but as to its exact definition we cannot yet speak.

(2.) That in all cases of mental abnormality in both sexes which develop from the advent of puberty onwards, the condition of the pelvic organs with their functions should be made a matter of searching enquiry.

(3.) That whenever possible before committal to the hospital for the insane, the pelvic organs should be examined and if any abnormal conditions be found such condition should receive appropriate treatment.

(4.) That gynaecological treatment should be recognized as a most important part of asylum therapeutics.