

body, one end of which goes to form the kidney and a few of the tubules of the other end to form the parovarium, the dilatation of which goes to form the ordinary parovarian cyst.

I do not wish to further direct your attention to the development of the genital and urinary organs. My object was to draw your attention to their common origin, and offer this as a possible cause of pathological conditions in the generative organs, producing symptoms referable to the urinary system.

Sometimes the passage of the sound into the uterus will produce an almost irresistible desire to empty the bladder, and I have obtained sufficient information to lead me to believe that the kidney often enlarges during the menstrual period.

Such has been my conviction of the close relation between the urinary and genital system that I have in my course impressed upon the class the importance, for diagnostic purposes, of so linking the bladder and the uterus together as to look upon them as one organ.

6. Pathological antiversion produces frequency of micturition, not so much on account of the pressure of the body on the bladder as to shortening of the utero-sacral ligament.

7. So endometritis now and then, from a feeling of discomfort, teases the bladder into frequent micturition.

8. Stricture of the urethra in women produces irritable bladder, and, although rare, is a cause which must never be overlooked by reason of the ulterior consequences similar to the male.

9. It is well, also, to remember that there is occasionally a hyperæsthesia of the bladder, influenced by a loaded colon or rectum, or by worms, by piles, by fissures, by hæmorrhoids, and increased frequency of micturition ensues, and in some cases the onset of menstruation produces like results. I have seen nephritic attacks simulating an attack of gravel with scanty and frequent micturition, and have pointed out in a paper read some time ago that these attacks are often due to intermittent hydro-nephrosis, and in all such cases most careful examination of the kidney should be made, whereas in all renal affections most careful examination of the uterus should not be neglected.

In conclusion, for diagnostic purposes we must first determine whether the cause is extrinsic or

intrinsic (by the latter I mean the bladder only). The extrinsic, for convenience, may be divided into causes (1) originating in the urinary tract outside the bladder—causes discoverable in (a) the urethra, (b) the ureter, or (c) the kidney—and to causes (2) originating outside the urinary tract altogether, and will embrace those due to modified functions or to actual diseases in the neighboring organs, or to nervous causes, the whole urinary tract itself being healthy.

#### DISCUSSION.

Dr. Meek recalled one case of caruncle of the urethra where, after removal of the caruncle, the irritability continued, and subsequent examination revealed a fissure of the meatus which, when cured, the symptoms ceased. He also mentioned hernia as a cause of irritability, especially ventral hernia. He was not sure about shortened utero sacral ligaments being a cause of irritability, but thought disease of the uterine wall itself (endometritis) would give rise to it. In some cases an undeveloped condition of the uterus was found. Here the irritability was of nervous origin.

Dr. Ferguson mentioned hyperacidity of the urine as a cause occurring mostly in women, and especially in those of a neurotic temperament.

Dr. Gardiner mentioned a case in which it could not be determined whether the irritability was dependent on Potts' Disease or ventral hernia, as both existed. He thought the irritability of early pregnancy was of neurotic origin.

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### Correspondence.

*The Editors do not hold themselves in any way responsible for the views expressed by correspondents.*

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#### A MEMBER TO THE ELECTORS.

*To the Medical Electors of No. 1 Division:*

GENTLEMEN,—Allow me to take this method of returning you my most sincere and heartfelt thanks for the confidence reposed in me and for the generous support you have accorded me during the past fifteen years as your representative in the Medical Council of Ontario, and for again electing me to that honorable position, for the fourth time, by acclamation, and that, too, in the face of the strenuous opposition and fierce attacks made on me,