

# Dominion Medical Monthly

And Ontario Medical Journal

VOL. XXVIII.

TORONTO, MARCH, 1907.

No. 3.

## Original Articles.

### GRANULAR KIDNEY.\*

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For my apologies in appearing before you this evening to read a paper I will have to refer you to the President. He asked me to present some subject to the Association, and bearing in mind the difficulty I had experienced in procuring papers from others, my well-known good nature caused me to consent. Then, indeed, my troubles began! All subjects seemed to be so well known that I was in a quandary as to the selection of something interesting. The older members have always assured me that the writing of a paper was most profitable to the one who prepared it. I therefore have written this paper to get the subject-matter more clearly fixed in my mind, and will depend upon the other members to supply the interest and profit generally when the discussion is opened.

In granular kidney almost invariably both organs are involved. Generally they are reduced in size, though occasionally they are the equal or even the superior of normal kidneys. You notice the capsule is thickened, and you find there is an increase in connective tissue throughout the kidney and an atrophy and degeneration of the active renal cells. The effect of this is seen most noticeably in the cortex, where the glomeruli are destroyed and the cortex as a result is reduced in thickness. An endarteritis involves the smaller arteries and capillaries.

The urinary secretion as described shows increased quantity

\*Read at meeting of London Medical Society, January 14th, 1907.