

secretion of the urea and the effects of certain drugs on the same. Such is usually treated of in text books by general phrases, and I think the actual figures may prove interesting.

Before giving you the results of these observations I wish to state that during all the time I observed strict rules of diet on all the days under consideration. I took exactly the same articles of diet, and although I did not weigh the solids I think there was very little variation.

Of the quantity of liquids ingested I can speak with certainty, for it was never over 1850 c. c. and never under 1810 c. c., thus giving a limit of only 40 c. c.

The calculations for the solids of the urine were made by using Haser's coefficient (2.33), which is approximate enough.

The urea calculations I think I can certify as correct; at any rate I never accepted a reading unless I had the same result from two consecutive examinations.

For the estimation of urea I used Doremus' instrument.

I will now go over the results, which are given more concisely in tabular form.

For four days I lived on the ordinary diet observed throughout with the following results:

(1) The quantities of urine passed on the four days respectively .....	1850 c.c. 1240 " 1700 " 1080 "
Average .....	1342 c. c.
(2) The solids, including urea .....	Gms. 50.328 46.227 59.415 40.262
Average .....	49.05 gms.
(3) Solids, less urea .....	Gms. 30.078 27.627 37.315 21.900
Average .....	29.230 gms.

(4) The urea .....	Gms. 20.25 18.60 22.10 18.36
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Average..... 19.82 gms.

The average percentage of urea was 1.52 gms.

From Jan. 22-26, four days, I took the following pill:

R. pulv. digit.  
" scillae.

Calomel aa, gr i.

One 3 times a day.

(1) The quantity of urine. ....	1385 c.c. 1515 " 1017 " 1150 "
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Average..... 1283.75 c.c.

(2) The solids, including urea .....	Gms. 48.755 56.479 45.085 45.551
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Average..... 48.967 gms.

(3) The solids, less urea .....	Gms. 26.435 33.754 24.600 23.701
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Average..... 27.137 gms.

(4) The urea .....	Gms. 22.832 22.725 20.452 21.850
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Average..... 21.830 gms.

The next drug taken was Tr. Strophantus, min x. 3 times a day for 4 days. Results as follows:

(1) Quantity of urine .....	1535 c.c. 1180 " 1095 " 1375 "
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Average..... 1296 c.c.

(2) Solids including urea .....	Gms. 55.648 43.990 40.821 48.056
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Average..... 46.628 gms.