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Metabolism of some heterocyclic compounds.

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Imidazol was fed to rabbits and found to be partly exidized, thereby increasing the output of uric acid. There was no increase in sulphate or glycuronic acid output. About one-third of the substance was excreted the same as fed.

Pyridine was fed to rabbits and dogs. The methyl derivative was isolated from the dog urine, but no conjugated product found in the urine of rabbits. The nitrogen and sulphur partition was studied after the work on rabbits.

Pyrrole was fed and injected into rabbits and dogs. The nitrogen and sulphur partition was studied, but no definite detoxication isolated from the urine of rabbits.

Picric acid was fed to rabbits, and picramic acid isolated from the urine.

The relation of nitro indols to acetyl picramic acid was studied.

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Studies on adrenal insufficiency.

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Duration of survival after adrenalectomy.—The adrenals were removed in 36 dogs, an interval being left between the removal of the right and left. In 7 of these animals intravenous injections of Ringer's solution with dextrose added were given, usually once in the 24 hours.

Of the 29 animals which received no injection, one suffered from respiratory difficulties from the time of the second opera-