

## DIATERIA MEDICA.

## SACCHARATED PEPSIN.

Owing to the ready adulteration of this medicinal agent, great care is necessary in its selection, and it has been recommended that pharmacologists should, when practicable, prepare it themselves. By the process given by Mr Scheffer, of Louisville, Ky., it may be easily and expeditiously obtained, and at a very moderate price. This consists in precipitating it from its acidulated aqueous solution by saturation with chloride of sodium.

The stomachs of pigs are the best sources of pepsin, the yield from which is said to be enormous if the proper means are employed to secure it. The stomachs should be quite fresh and well cleaned. They are then cut into thin shreds by means of scissors, macerated for two days in a large volume of acidulated water, of the strength of half an ounce of muriatic acid to one gallon of water. This quantity is sufficient for one stomach. The acid liquid is then poured off and the stomachs are again macerated for two days longer, with a similar quantity of acidulated water; and this operation may be repeated three or four times with profit. The liquid obtained from the several macerations is treated with about one-fourth its weight of chloride of sodium, and the precipitated pepsin, which accumulates in flakes on the surface of the liquid, is skimmed off, strained, and pressed. The moist pepsin is then mixed with a weighed quantity of milk sugar, and dried. It is then weighed, and enough milk sugar added to make the final weight of the mixture equal to ten times the weight of the real pepsin. Cold weather is the most suitable time for manufacturing pepsin, as the stomachs will remain fresh a much longer time than in warm weather. The yield of pepsin from six stomachs is about four ounces, and when the milk sugar is added it will make about forty ounces. Thus it will be seen that the outlay incurred is very little, and the remuneration, aside from the fact of having a genuine article, is sufficient to reward the labours of the chemist abundantly.

## KINGSTON MEDICAL ASSOCIATION.

A meeting of the medical practitioners of Kingston was held in the office of Dr. Evans on Tuesday evening, with the object of considering the formation of a city medical association. The meeting had been convened by circular and was attended by a dozen medical gentlemen. Some others were unavoidably absent. Dr. Evans was appointed chairman, and Dr. Dupuis secretary. After some discussion it was resolved to constitute the members present into a Medical Association for mutual improvement and protection; and a committee was appointed (consisting of Dr. Evans, Dr. Dupuis, and Dr. Octavius Yates) to draft a constitution and by-laws. It was also arranged to hold the next meeting on Thursday, Aug. 21, in a lecture room at the College, granted for the purpose, and to hold stated meetings on the second Thursday of every month. The following attended the preliminary meeting:—Dr. Evans, Dr. Sullivan, Dr. O. Yates, Dr. Maclean, Dr. Dupuis, Dr. A. S. Oliver, Dr. Neish, Dr. Saunders, Dr. McCaunon, Dr. Wafer, Dr. Fee, and Dr. Bigham, of Cataract.

## ROYAL COLLEGE OF PHYSICIANS AND SURGEONS, Kingston, in affiliation with Queen's University.

## TWENTIETH SESSION, 1873-74.

The School of Medicine at Kingston being incorporated with independent powers and privileges under the designation of "The Royal College of Physicians and Surgeons, Kingston," will commence its Twentieth Session in the College Building, Princess street, on the first Wednesday in October, 1873.

## TEACHING STAFF.

JOHN R. DICKSON, M.D., M.R.C.P.L., M.R.C.S.E., and F.R.C.S., Edin.; PRESIDENT, Professor of Clinical Surgery.

FIFE FOWLER, M.D., L.R.C.S., Edin., REGISTRAR, Professor of Materia Medica.

HORATIO YATES, M.D., Professor of the Principles and Practice of Medicine, and Lecturer on Clinical Medicine.

MICHAEL LAVELL, M.D., Professor of Obstetrics and Diseases of Women and Children.

MICHAEL SULLIVAN, M.D., Professor of Surgery and Surgical Anatomy.

OCTAVIUS YATES, M.D., Professor of the Institutes of Medicine and Sanitary Science.

JAMES NEISH, M.D., Professor of Descriptive and Regional Anatomy.

THOMAS R. DUPUIS, M.D., Professor of Botany.

NATHAN F. DUPUIS, M.A., F.B.S., Edin., (Professor of Chemistry and Natural History, Queen's University), Professor of Chemistry and Practical Chemistry.

ALFRED E. OLIVER, M.D., Professor of Medical Jurisprudence.

HERBERT J. SAUNDERS, M.D., M.R.C.S.E., Demonstrator of Anatomy.

The College is affiliated to Queen's University, where in the degree of M.D. may be obtained by its students.

Certificates of attendance at this College are recognized by the Royal Colleges of Surgeons of London and Edinburgh; and either the degree of M.D. or the License of the College entitles the holder thereof to all the privileges in Great Britain that are conferred upon the graduates and students of any other Colonial College.

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