



University of Bishop's College.

21st

Annual

Announcement

OF THE

Faculty of  
Medicine,

MONTREAL.

→ Session 1891-92. ←

Montreal :

PRINTED BY JOHN LOVELL & SON.

1891.





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*All communications relating to the Medical Department of this University should be directed to the Dean of the Medical Faculty, DR. F. W. CAMPBELL, 10 Phillips Place, Beaver Hall, or to DR. G. T. ROSS, the Registrar, No. 945 Dorchester street.*

*Students on arriving in this city should call upon either of the above gentlemen, who will impart all necessary information.*

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UNIVERSITY  
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BISHOP'S COLLEGE.  
INSTITUTED 1852.

**PRESIDENT OF THE CORPORATION AND VISITOR.**  
THE RIGHT REV. THE LORD BISHOP OF QUEBEC, D.D.

**VICE-PRESIDENT OF THE CORPORATION AND VISITOR,**  
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Vice Chancellor,—The Very Rev. Dean NORMAN, D.D.

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W. MORRIS, Esq. .... Attorney.

R. N. HALL, Esq., Q.C., LL.D., M.P. .... Honorary Counsel.

## Faculty of Medicine.

---

- F. W. CAMPBELL, M.A., M.D., L.R.C.P. Lond., Dean, Professor of Principles and Practice of Medicine, Consulting Physician Montreal Dispensary, Physician to the Montreal General and Western Hospitals, 10 *Phillips Place, Beaver Hall.*
- J. B. EDWARDS, Ph.D., D.C.L., Emeritus Professor of Practical Chemistry, 748 *Dorchester Street.*
- J. PERRIGO, A.M., M.D., C.M., M.R.S.C. Eng., Professor of Surgery, Physician to, and Medical Secretary of, Western Hospital, 163 *Bleury Street.*
- J. B. MCCONNELL, M.A., M.D., C.M., Professor of Pathology and Practical Histology, Lecturer on Physical Diagnosis, Physician Western Hospital, Consulting Physician Montreal Dispensary, 85 *Union Av.*
- H. L. REDDY, B.A., M.D., L.R.C.S.E., L.R.C.P., Lond., Professor of Obstetrics, Physician to and Accoucheur of Western Hospital, 61 *Beaver Hall.*
- J. T. DONALD, M.A., F.C.S., Professor of Chemistry, 76 *Hutchison Street.*
- ALEXANDER PROUDFOOT, M.D., C.M., Professor Ophthalmology and Otolaryngology, Oculist to Montreal Dispensary and Western Hospital, 2 *Phillips Place.*
- G. TILLERIE ROSS, M.D., C.M., Professor of Physiology, Physician Montreal Dispensary, Registrar, 945 *Dorchester Street.*
- JOSEPH BEMROSE, F.C.S., Professor of Practical Chemistry, 56 *St. Famille St.*
- F. M. R. SPENDLOVE, C.M., M.D., Professor of Materia Medica and Therapeutics, Physician Montreal Dispensary, Librarian, 2709 *St. Catherine Street.*
- F. R. ENGLAND, C.M., M.D., Professor of Diseases of Children, Physician Western Hospital and Montreal Dispensary, 545 *Wellington Street.*
- A. LAPTHORN SMITH, B.A., M.D., M.R.C.S. Eng., Prof. of Gynaecology, Physician Western Hospital, Gynecologist Montreal Dispensary, 248 *Bishop Street.*
- J. M. JACK, C.M., M.D., Lecturer on Diseases of the skin, Dermatologist Montreal Dispensary, 270 *University Street.*
- ROLLO CAMPBELL, C.M., M.D., Demonstrator of Anatomy, Physician Montreal Dispensary, 10 *Phillips Place.*
- JNO. A. HUTCHISON, M.D., Prof. on Hygiene, Physician Montreal Dispensary, 515 *Wellington Street.*
- W. GRANT STEWART, M.D., C.M., Prof. Med. Jurisprudence, 42 *Prince Arthur Street.*
- KENNETH CAMERON, B.A., M.D., Lecturer on Botany, 38 *Richmond Square.*

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The 21st session of this Faculty will commence on Thursday, the first day of October, 1891, and will be continued regularly until the end of March, the usual Christmas vacation intervening.

The Faculty of Medicine of Bishop's College aims at imparting a thoroughly practical medical education, and its facilities for doing so are in many respects unequalled in Canada. In addition to the regular course of didactic lectures, students have the advantage of extensive and varied hospital privileges.

The General Hospital, Hotel Dieu Hospital and Dispensaries afford every opportunity to students of this College to receive clinical instruction in Medicine and Surgery. At the Western Hospital and Women's Hospital special advantages are afforded for the practical study of Obstetrics and Gynecology.

The College building contains large lecture rooms, several smaller lecture rooms for Practical Chemistry, Histology, etc., and large, airy, well-lighted dissecting rooms at the top of the building, isolated from the rest of the class-rooms. Under the new Anatomy Act of the Province of Quebec, ample material for dissection is provided at a moderate rate.

The Histological Laboratory is supplied with a complete outfit of Microscopes, Microtomes, and of Bacteriological and other modern apparatus.

This Faculty is recognized by the Royal College of Surgeons, England, and the Royal College of Physicians, London. Class tickets for the various courses are accepted by these Colleges as qualifying candidates for examination. The Royal College of Physicians of Edinburgh, the Royal College of Surgeons of Edinburgh, and the Faculty of Physicians and Surgeons of Glasgow also accept the class tickets of Bishop's College, and the Diploma of this University.

exempts its holder from being examined on the subjects of the Primary branches and Matriculation. Such candidates are therefore only required to pass in the subjects of the Final Branches, including Hygiene. The Scottish colleges acting conjointly grant only one examination, and therefore confer a triple qualification.

The degree in Medicine and Surgery of this University, being accepted by the licensing bodies of Great Britain, its possessor is entitled to the same exemptions as are allowed all other recognized colonial degrees. The College of Physicians and Surgeons of Quebec accept the degree without further examination, provided the holder of such degree has, previous to beginning the study of Medicine, passed the preliminary examination exacted by that Board.

The class tickets for the various courses are accepted as qualifying for the examination of the College of Physicians and Surgeons of Ontario, and the Matriculation examination of this Faculty is recognized by the general Medical Council of Great Britain.

The Medical degrees of this University are—Master of Surgery (C.M.) and Doctor in Medicine (M.D.). The degree of Master of Surgery is not conferred to any person who does not also at the same time obtain the degree of Doctor in Medicine.

Convocations for the conferring of Medical degrees are held in Montreal immediately after the close of the session.

### HOSPITAL PRACTICE.

Montreal being the largest and most populous city in the Dominion of Canada, as well as the commercial metropolis, affords very great opportunities to the medical student for acquiring an amount of practical experience of disease and accident, medical and surgical, that is rarely obtained elsewhere. Unfortunately (fortunately for the medical student) the larger the city the greater the extremes of wealth and poverty, and Montreal forms no exception to this rule. The poor we have always with us. The large wards of our many large hospitals are in a chronic state of over-crowding with the sick and suffering, affording examples to the teacher and student of the greatest variety of disease. Being a large manufacturing centre, and being at the head of ocean navigation, the greatest variety of accidents are daily presented to the student for illustration and instruction, and students are most urgently requested to spend as much time as

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possible in the wards of the hospital and in the out-door rooms of the hospitals and dispensaries, to familiarize themselves with the work for which they are preparing themselves. The world over the best and most successful men are those doing hospital work, and the best students are those who spend as much time as is consistent with proper attention to their other work in reporting and dressing in hospital wards.

*The Western Hospital* (50 beds) is attended by a staff of eight physicians, most of whom are members of this Faculty. It is the only special hospital for diseases of women in the Dominion.

The various gynecological operations are frequently performed. The large number of successful abdominal sections which have occurred in this Institution has afforded abundant opportunities for witnessing the recent advances in abdominal surgery. Members of the staff are in attendance daily at 12 noon, at which hour clinics are held, which furnish advantages to students desirous of successfully studying uterine and other diseases peculiar to women. The position of Resident House Surgeon is open to senior students of the College.

*The Lying-in department of the Western Hospital*, is entirely under the control of Bishop's College, and is directly under the superintendence of the Professor of Obstetrics, and from the large number of patients admitted affords greater facilities for acquiring a practical knowledge of midwifery than can be obtained in any other medical school in Canada.

*The Montreal General Hospital* (200 beds) is situated within a few minutes walk of the College, and is visited daily by two physicians and two surgeons, besides two ophthalmic surgeons, two gynecologists and a laryngologist. This is essentially an acute hospital, as evidenced by the large number of patients treated annually,—2553 Medical and Surgical, besides an out-door attendance of about 13,000 per annum. It affords equal advantages to students of all Medical colleges for obtaining a practical knowledge in every department of Medicine and Surgery. A wing used as a Children's Hospital will also greatly assist students in the study of diseases of children. A special department for the treatment of diseases of the eye and ear, under the care of the Ophthalmic Surgeons, affords students facilities for their study. The large number of out-patients enables the physicians in attendance to impart instruction, by select-

ing cases for demonstration presenting a variety of symptoms and points of comparison and contrast. Practice can be obtained in auscultation and other means of Physical Diagnosis. Clinical instruction is given daily, and all operations performed in the presence of the students. Regular Clinical Lectures open to students of this University are delivered during the winter, Dr. Bell lecturing on Clinical Surgery, and Dr. MacDonnell on Clinical Medicine. In addition a Clinical lecture is given every Monday and Thursday by Dr. Campbell, Dean of the Medical Faculty of Bishop's College.

*The Hotel Dieu Hospital* (200 beds) is within a short distance of Bishop's College, and is also open to the students of the latter. Attention is directed to the vast amount of Surgery to be seen in this Institution, which is much greater than in any other Hospital in Canada. Clinical lectures in Surgery are delivered by Dr. Hingston, and in Medicine by Dr. Guerin. Students of Bishop's College can attend these lectures.

*The Montreal Dispensary*, with a staff of six attending physicians and an oculist, gynecologist, laryngologist and dermatologist has an average daily attendance of about fifty patients. Being in close proximity to the manufacturing districts of the city, it has a large number of minor accidents brought to it for attention, thus giving excellent opportunity for the practice of minor surgery—such as dressing wounds, bandaging, strapping, application of splints, etc. The student will have every facility afforded him for acquiring practical knowledge, by auscultation and percussion, of diseases of the chest which forms a large portion of the cases seen here. A very large number of cases of diseases of the eye, ear and throat are treated at this institution, and students will be practically taught the use of the ophthalmoscope, laryngoscope, etc. This department is under the charge of the Professor of Ophthalmology, etc., of Bishop's College, who will deliver a course of clinical lectures during the winter session.

In practical pharmacy the student has great advantages. The dispensing department is in charge of a licensed pharmacist, and students are permitted to dispense under his supervision. Many useful and practical hints in the compounding of drugs, as well as their doses, are thereby acquired.

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## ADMISSION OF LADY STUDENTS.

During the past few years the subject of the higher education of women and their admission to the learned professions has been greatly agitated. The claims of women to be allowed the same privileges as male students in our highest educational institutions have met with liberal recognition, and where the question has been tested the results have demonstrated beyond expectation their capacity for coping with the curriculum. Their efforts to obtain equal footing with male students in Medical colleges have not been so successful, owing chiefly to sentimental objections which have generally prevailed in regard to co-education in the Medical courses. The success achieved by those who have already become members of our profession, and the number now pressing for admission for its study, indicate that in the near future lady physicians will excel in certain departments of Medical practice.

This Faculty has taken the initiative in the Province of Quebec of accepting lady students on the same conditions as male students. Alterations in the College building have been made, providing separate dissecting rooms, cloak rooms, reading rooms, etc. The Faculty has decided to duplicate a few of the lectures on certain subjects, which to some extent have heretofore been an objectionable feature in the co-education scheme, and arrangements are being made for a lady assistant demonstrator to carry on the work under the superintendence of the demonstrator in the ladies' dissecting rooms.

Students attending this University, besides having the privilege of profiting by the unrivalled hospital facilities of this city for gaining medical and surgical knowledge, will also have special advantages for information in Obstetrics in the Lying-in Department of the Western Hospital, which is under the direction of the Professor of Midwifery of Bishop's College.

The Western Hospital, the staff of which is chiefly composed of professors in this Faculty, also affords a large field for the study of diseases peculiar to women.

According to the Medical Act of 1879, in order to register a diploma in Medicine in the Province of Quebec and to obtain a license, it is necessary that all students must pass a preliminary examination before the examiners appointed by the Board, or produce

a certificate of having passed an equivalent preliminary examination before a College or Licensing Board, recognized by the "Provincial Medical Board," elsewhere than in the Province of Quebec. It is also absolutely necessary that students shall attend four full six months' sessions at College, and of these they are obliged to attend the first session during the first year succeeding the obtaining of certificate of qualification to study. The student before obtaining a Diploma must have been engaged in the study of Medicine for a period of not less than four years after having passed the preliminary examination.

Students intending to practice in Ontario are required by the Medical Council of that Province to pass their preliminary examination before commencing the study of Medicine. Those having the degree of B.A. and Matriculants of any University in Her Majesty's Dominion are exempt from this examination in this University. The preliminary examination of the Province of Ontario is also accepted. The B.A. degree is now accepted by the College of Physicians and Surgeons of Quebec. Students who do not desire the license of either Province must pass the Matriculation Examination of this University, or present an equivalent examination before a body authorized for that purpose, if not otherwise qualified as above indicated.

Attention is particularly directed to the importance of passing the matriculation examination in the spring, as four full years of professional study are required from the date of matriculation before a provincial license is granted either in Ontario or Quebec.

### PRELIMINARY EXAMINATION.

A. N. SHEWAN, M.A., Examiner.

Students who do not desire the license of either the Quebec or Ontario College of Physicians and Surgeons, and not otherwise qualified, will be examined by this University on the following subjects. Fee \$5.

COMPULSORY SUBJECTS:—ENGLISH; "*Miller's Swinton's Language Lessons.*"

FRENCH; Grammar and *Charles XII., Two Books.*

LATIN ; Grammar and *Æneid*, Bk. I., or *Cæsar de Bello Gallico*, Books I and II.

ARITHMETIC ; including Vulgar and Decimal Fractions.

ALGEBRA ; including *Simple Equations*.

GEOMETRY ; *Euclid*, Books I. and II.

HISTORY ; *History of England and Canada*, Ontario Series.

GEOGRAPHY ; particularly of Canada.

BELLES-LETTRES ; Brook's Primer of English Literature.

OPTIONAL SUBJECTS :—GREEK ; *Xen. Anab.*, Book I., with grammar.

NATURAL PHILOSOPHY ; *Ganot's Physics*, Chaps. I., II. and III.

MORAL PHILOSOPHY ; *Murray's Outline of Hamilton's Philosophy*.

The preliminary examinations of the College of Physicians and Surgeons of Quebec are held at Montreal in the month of May, and at Quebec in September. Fee for this examination—ten dollars. Should the candidate be unsuccessful, one half the fee will be returned. For more complete details address either of the Secretaries, Dr. F. W. Campbell, Montreal, or Dr. A. G. Belleau, Quebec. For the Province of Ontario write to Dr. Pyne, Toronto.

The student is recommended to attend as follows (paying special attention to Practical Anatomy during the first two years) :—

#### FIRST YEAR.

ANATOMY, PRACTICAL ANATOMY, PHYSIOLOGY, MATERIA MEDICA, CHEMISTRY, PRACTICAL HISTOLOGY, BOTANY, HYGIENE AND HOSPITAL PRACTICE.

Students are at liberty to present themselves for examination on Botany, Histology and Hygiene, at the end of their first session.

#### SECOND YEAR.

ANATOMY, PHYSIOLOGY, MATERIA MEDICA, CHEMISTRY, PRACTICAL CHEMISTRY, OBSTETRICS, PATHOLOGY, DISSECTION, HOSPITAL PRACTICE AND CLINICS.

Students who have passed their examination on Botany, Histology and Hygiene, and have attended two complete courses on any of the primary subjects, are admitted to examination on these subjects at the end of their second year.

## THIRD YEAR.

MEDICINE, SURGERY, PATHOLOGY, OBSTETRICS, GYNECOLOGY, DISEASES OF CHILDREN, MEDICAL JURISPRUDENCE, HOSPITAL PRACTICE AND CLINICAL LECTURES.

Students who have passed their examinations in all the primary subjects may be admitted to the examinations on Medical Jurisprudence, Pathology and Ophthalmology at the end of their third year, and summer session is compulsory after third year to all students attending this College.

## FOURTH YEAR.

MEDICINE, SURGERY, OPHTHALMOLOGY, OBSTETRICS, GYNECOLOGY, DISEASES OF CHILDREN, HOSPITAL PRACTICE AND CLINICS.

Students who have passed their examination on all primary subjects will be admitted to the final examination at the end of their fourth year.

Candidates may, if they choose, be admitted to all examinations at the end of their fourth year.

## PROFESSIONAL EXAMINATIONS.

Each candidate is examined in writing and *viva voce*. The primary subjects are Chemistry, Practical Chemistry, Anatomy—Descriptive and Practical, Physiology and Histology, Materia Medica, Botany and Hygiene. The subjects of the final examinations are: Practice of Medicine, Surgery, Pathology, Obstetrics, Gynecology, Medical Jurisprudence, Ophthalmology, Diseases of Children, Clinical Medicine and Clinical Surgery. By passing these examinations on the plan above suggested, a definite amount of work is accomplished each year, and an equal division is made between the primary and final branches.

Seven prizes will be offered for competition during the ensuing Winter Session.

*The Wood Gold Medal*.—A gold medal, presented annually by Dr. Wood to the student who has attended at least two six months'

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sessions at Bishop's College, and at the final examination has the highest aggregate number of marks on all the subjects of professional examination.

*The Robert Nelson Gold Medal* (value \$60).—Presented annually for the best special examination in surgery, open to all candidates who have taken honors in all the subjects, and who have attended at least two six months' sessions at Bishop's College.

*The David Medal*.—In 1880 the Faculty founded a Scholarship which was afterwards named the "David Scholarship" in honor of their late Dean. Owing to changes having occurred in the arrangements of lectures, it has been decided that in future this prize shall consist of a silver medal to be known as the "David Medal," which will be awarded to the student who obtains the highest number of marks in the primary examinations.

*The Chancellor's Prize*.—A prize in books to be given annually by R. W. Heneker, Esq., Chancellor of this University, to the student who passes the best final examination. (This prize is not open to the "Wood" Gold Medalist.)

The Wood gold medal, the Nelson gold medal, the David silver medal, and the Chancellor's prize are awarded to those who have attended at least two (2) six months' courses at Bishop's College.

Prizes in books will be given to:—

1. The student who passes the best examination in botany.
2. The best dissector in the first year.
3. The best dissector in the Senior class, second year.

To obtain first class honors, at least seventy-five per cent. of the marks must be taken; second-class honors, at least sixty per cent; to pass the ordinary examination at least fifty per cent.

No student can receive a prize who has not taken honors in the examinations.

#### TABLE OF FEES.

##### LECTURES:

Anatomy, two courses required.....	each....	\$12 00
Physiology " " .....	"	12 00
Chemistry " " .....	"	12 00
Materia Medica " " .....	"	12 00

Principles and Practice of Medicine, two courses each...	\$12 00
Principles and Practice of Surgery, two courses	" 12 00
Obstetrics, two courses.....	" 12 00
Medical Jurisprudence, one course required.	" 10 00
Pathology, one three months' course.....	" 6 00
Gynecology, two courses.....	" 6 00
Diseases of Children, two courses.....	" 6 00
Ophthalmology, one 3 months' course required	" 6 00
Hygiene, " " " " ...	" 6 00
Botany, " " " " ...	" 6 00

A perpetual ticket for attendance on all the above lectures will be given at a reduced fee, if paid in one sum immediately on commencing the course of lectures. This will effect a considerable saving to the student. Apply to the Registrar, Dr. Ross.

PRACTICAL ANATOMY, two courses required... each...	\$10 00
PRACTICAL CHEMISTRY, one course required...	" 12 00
PRACTICAL HISTOLOGY.....	" 16 00
ENREGISTRATION (each session).....	4 00
DEGREES (C.M., M.D.).....	20 00
REGISTRATION OF DEGREE.....	5 00

All the above fees to be paid to the Registrar at the commencement of each session.

No student will be permitted to attend any of the practical branches unless the fee for such branch has been paid prior to the commencement of the course.

Students are at liberty, after having paid for two full courses of lectures on any subject (except Practical Chemistry and Practical Histology), to attend subsequent courses on the same subject free.

#### HOSPITAL FEES:—

##### *Montreal General Hospital.*

Admission Tickets, six months \$3, twelve months .....	\$12 00
Perpetual Ticket .....	20 00
Clinical Lectures on Surgery, two courses required, each....	12 00
" " Medicine " " " .....	12 00

Students who can attend the hospitals and dispensaries during the summer will find it greatly to their advantage to do so. The smaller number of students then in attendance affords greater facilities to those attending for acquiring information. See also announcement of Summer course.

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Dresserships and Clinical clerkships can be obtained at the Montreal General Hospital by making an early application.

Graduates of Bishop's College are eligible for the position of Resident Medical Officers, of which five are elected annually on the 10th of April.

One of our graduates was a successful candidate for position of House Surgeon this year, as usual, to the General Hospital.

*Western and Women's Hospital.*

Admission Tickets, six months.....\$8 00

An *annus medicus*, or medical session, is constituted by at least two full courses of 120 lectures each, or by one such course, and two courses of 60 lectures each, with previous enregistration.

Students of this University who do not reside in the city, on application to the Registrar, will be furnished with certificates, which, through the kindness of the railway authorities, will entitle them to return tickets from Montreal at greatly reduced rates.

RULES.

At the commencement of every session students are required to enroll their names and residences in the register of the Medical Faculty, and obtain from the Registrar a ticket of enregistration. The Matriculation books of the Registrar shall be closed on the first day of December in each year.

Written or oral examinations will be held by each Professor once a week upon the subjects treated of in his preceding lectures, and every such examination shall be considered a lecture. Each Professor shall, at intervals, call a roll of the names of the students attending his class. Tickets which have not a certificate of regular attendance shall be rejected when presented as testimonials, previous to examination, unless the omission be satisfactorily accounted for.

Candidates for graduation in Medicine and Surgery must give sufficient evidence, by certificates:—

1. That they have attended two six months' courses of lectures on each of the following departments of Medical science:—General or Descriptive Anatomy, Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics, Chemistry, Physiology, Materia Medica.

2. That they have attended two three months' courses in Pathology, Gynecology, and Diseases of Children; one six months' course in Medical Jurisprudence; one three months' course each of Botany, of Hygiene and of Practical Chemistry and Ophthalmology, and also a course of not less than twenty-five demonstrations upon Microscopic Anatomy, Physiology and Pathology.

3. That they have attended not less than two six months' courses of Clinical Medicine and Clinical Surgery.

4. That they have attended two six months' courses of Practical Anatomy.  
 5. That they have attended for at least eighteen months, or three periods of six months each, the Medical and Surgical practice of a Hospital in which are contained not less than fifty beds under the charge of not less than two physicians or surgeons, and that they have been engaged for at least six months in compounding medicines at a Hospital, Dispensary, or with a duly licensed practitioner.

6. That they have attended at least six cases of Midwifery, either in a lying-in-hospital, or in a private practice, under the supervision of a regular medical practitioner.

Candidates for the degree must, on or before the first day of March, deliver to the Registrar of the Medical Faculty a declaration, in their own handwriting, that they have completed twenty-one years of age (or that they will have done so before the day of graduation).

Also a statement of studies, accompanied with proper certificates, and the graduation and registration fee.

Students in Dentistry taking their lectures at this college will have a special examination at close of the session.

## LECTURES.

### SESSION 1891.

#### PRINCIPLES AND PRACTICE OF MEDICINE

BY

FRANCIS W. CAMPBELL, M.A., M.D., L.R.C.P. LOND.

It is proposed in these lectures to give a complete history of the most important constitutional affections, as well as of the diseases which attack the principal organs of the human body.

The distribution of the course will have as far as possible some reference to the different systems of organs, the diseases of which will be separately and fully described. Thus diseases of the respiratory, digestive, nervous organs, etc., will constitute distinct sections of the entire course, and, again, the different forms of fever, including the acute febrile diseases of specific character, will form a separate group.

**DIGESTIVE SYSTEM :** Diseases of the Mouth, Tongue, Salivary Glands, Pharynx, Oesophagus, Stomach, Intestines, Liver and Gall-bladder, Pancreas, Spleen, Cholera.

Mesenteric Glands, and Peritoneum, Worms.

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RESPIRATORY SYSTEM: Diseases of the Larynx, Trachea and Lungs.

CIRCULATORY SYSTEM: Diseases of the Heart, Arteries and Veins.

URINARY SYSTEM: Diseases of the Kidneys and Bladder.

FEVERS: Typhoid, Scarlet, Measles, Smallpox, etc.

NERVOUS SYSTEM: Diseases of the Brain, Spinal Cord and Nerves, Chorea, Epilepsy, Delirium Tremens, Hysteria, Locomotor Ataxia.

GENERAL DISEASES: Anæmia, Chlorosis, Leucocythæmia, Rheumatism, Gout, Scurvy, etc.

*Books Recommended*—Bristowe, Watson, Flint, Loomis, Roberts, Fagge, Pepper's System of Medicine.

## PRINCIPLES AND PRACTICE OF SURGERY.

BY

JAMES PERRIGO, M.A., M.D., M.R.C.S. ENG.

This course of lectures will be practical, and will include the principles on which the Science of Surgery is founded, and also the chief rules for its practice.

It will be divided into two parts,—*General* and *Special*. General Surgery embraces the following subjects:—

INFLAMMATION: Suppuration, Abscess, Hectic Fever, Pyæmia, Ulcers and Gangrene, Erysipelas.

INJURIES: Wounds, Hemorrhage, Dislocations and Fractures, Burns, Tetanus, Hernia.

MORBID GROWTHS.

SPECIAL SURGERY: Diseases of Joints, of Arteries, Veins, Nerves, Mouth, Nose and Throat, and on account of the great progress made in abdominal surgery, particular attention will be given to that region.

Diseases of the Urinary and Generative organs, Venereal diseases, Rectal diseases.

When required, charts will be used, instruments shown, and their uses fully explained.

*Text-Books*.—Erichsen, Byrant, Walsham.

*Books of Reference*.—Gant, Agnew, Gross, Hammond on Fractures, Berkely, Hill or Keyes on Venereal Diseases, Allingham.

## OPERATIVE SURGERY.

PROFESSOR PERRIGO.

Operations will be performed on the dead body, the different forms of surgical instruments, apparatus, etc., shown, and their uses explained.

Senior Students will have the opportunity of performing operations themselves on the dead subject under the guidance of the Professor.

*Text-Books.*—Erichsen, Druitt, Clark, Smith, Bryant.

*Books of Reference.*—Holmes' System, Gant, Gross, Agnew, Pepper's Surgical Pathology.

## DISEASES OF THE EYE, EAR AND THROAT.

PROFESSOR A. PROUDFOOT.

Will embrace a course of lectures upon the diseases of these organs.

Special attention being paid to the diseases and injuries most commonly met with in general practice.

From the large number of patients attending the Montreal Dispensary, Students will have ample opportunities of becoming familiar with these diseases and their treatment. Each Student will be expected to become practically expert in the use of the Ophthalmoscope and Laryngoscope.

## OBSTETRICS.

PROFESSOR REDDY.

PREGNANCY, including Abortion and Premature Labor.

NATURAL LABOR, COMPLEX LABOR, etc.

OBSTETRICAL OPERATIONS, THE PUERPERAL STATE and its management.

The principal Obstetric operations, such as Version, Forceps, Craniotomy, etc., are performed on the Fresh Cadaver with Foetus.

Each Student will be practically instructed at The Women's Hospital.

*Books Recommended.*—Playfair, 5th Amer., 9th Eng., Lusk, Leishman, Meadows and Winckel.

## PATHOLOGY AND MORBID ANATOMY.

PROFESSOR McCONNELL.

In this course will be included the consideration of the *Processes*

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of *Disease* and *Principles of General Pathology*; the *Macroscopic* appearances and *Pathological Histology* of the various diseased conditions of the human body, illustrated by recent specimens, preparations from the College Museum, and sections under the microscope.

The various alterations in the blood and circulation and Lymph; *Disturbances of Nutrition*, degenerations, hypertrophy, etc.; the various forms of *Tumours*, *Malformations*, *Inflammation*, *Fever*.

The *causes of Diseases* will also be dealt with, and the influence of the various *Pathogenic Bacteria*, *Ptomaines*, *Leucomaines*, *Animal Parasites*, etc.

Diagrams, colored plates, blackboard drawings, lantern enlargements of Photomicrographs, Bacteria cultures, etc., will be freely used for further illustration.

*Text-Books*.—Green's Pathology and Morbid Anatomy, Paynes' Manual of General Pathology.

### MEDICAL JURISPRUDENCE.

(Including Toxicology and Psychology.)

PROFESSOR W. GRANT STEWART, M.D., C.M.

The purpose of these lectures is to bring, as far as possible, within a reasonable compass, the application of medical knowledge to medico-legal investigation.

*Text-Books*.—Guy's Forensic Medicine; Taylor's Medical Jurisprudence; Blandford on Insanity.

### GYNECOLOGY.

PROFESSOR A. LAPHORN SMITH, M.A., M.D., M.R.C.S. Eng.

This course will embrace the following subjects:—

1. Abnormalities.
2. Diseases of the external Genitals, including the injuries of the Perineum.
3. Disease and injuries of the Vagina; Vesico and Recto Vaginal-Fistulae.
4. Diseases and injuries of the Uterus, including Stenosis, Subinvolution, Metritis, Endometritis and Fibroids; Deformities, Displacements and Lacerations. In connection with these latter sub-

jects, thorough instruction will be given in the use of the continuous and interrupted currents of electricity.

5. Diseases of the Fallopian tubes, including Salpingitis, Hydro and Pyosalpinx and Tubal Gestation.

6. Diseases of the Ovaries, including Ovariectomy and other forms of Abdominal Surgery.

7. Pelvic Peritonitis, Pelvic Cellulitis and Pelvic Abscess.

8. Diseases of the Female Bladder and Urethra.

In connection with this course, each Student will be allowed to perform the various operations on the wet specimen at the Montreal Dispensary in the department for diseases of women, which is under the charge of the Professor of Gynecology.

At the out-patient department of the Women's Hospital there will also be a course of instruction in practical diagnosing and treatment, the students being taken two at a time in regular rotation to assist the Professor.

## MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR SPENDLOVE.

This course of lectures will take into consideration the origin, properties, composition, preparations, physiological actions and therapeutics of the various substances employed in medicine.

The physiological action of remedies and the principles which govern their therapeutic employment will receive the fullest attention.

The art of prescribing and writing prescriptions will also receive particular attention.

The lectures will be illustrated by plates, diagrams, specimens, dried preparations and a complete cabinet of medicinal substances.

The concluding lectures of each session will be devoted to the consideration of new remedies and discoveries relating to therapeutics, thus bringing the subject fully up to date.

*Books Recommended:—*

*Materia Medica.*—British Pharmacopœia; Squire's Companion.

*Therapeutics.*—Bartholow, Brunton, Ringer.

## PRACTICAL HISTOLOGY AND BACTERIOLOGY.

PROFESSORS MCCONNELL AND SHANKS.

This course will consist of about thirty demonstrations in the Microscopic Anatomy of normal and diseased tissues, and in experimental Physiology and Pathology. Students will be taught the different methods of examining animal structures and preparing the tissues by hardening, softening, injections, etc., for sections by the Microtome; how to mount and preserve the specimens; also the methods of cultivating and examining the different forms of Pathogenic Bacteria.

*Text-Books.*—Gibbs, Schafer, Crookshank and Woodhead.

## CHEMISTRY AND CHEMICAL PHYSICS.

PROFESSOR DONALD, M.A.

The object of this course is to impart a general knowledge of the elements of Physics and a more extensive knowledge of Chemistry.

The relations of Chemistry to Physiology and other branches of medicine will be explained.

Inorganic and Organic Chemistry will be specially referred to, more especially in relation to Medicine and Pharmacy.

The lectures throughout will be illustrated by diagrams and specimens, and by experiments, for which the College possesses a very good collection of apparatus.

*Text-Books.*—Balfour Stewart's "Lessons in Elementary Physics," Attfield's Chemistry, Bartley's Medical Chemistry, Remsen's Organic Chemistry.

## PHYSIOLOGY.

PROFESSOR GEORGE T. ROSS.

These lectures will be devoted to the consideration of the structure, composition and properties of the several Fluids, Tissues and Organs of the body; the natural changes through which they pass; and the functions they discharge. They will include respiration, circulation, digestion, nutrition, secretion and excretion; also embryology and development and the nervous system.

Microscopic specimens will be used to illustrate the subjects.

*Books Recommended.*—Kirke, Foster, Yeo, Power.

## DESCRIPTIVE AND SURGICAL ANATOMY.

PROFESSOR.

This course of Lectures will embrace a minute and detailed description of the various systems of which the Human Body is composed severally, and their relations to each other, and to the more practical points in Surgery.

Reference will be made, as occasion offers, to Surgical Diseases, the relative position of parts will be dwelt upon, so as to embrace Regional Anatomy. The lecture will be illustrated by careful dissections, preparations, plates, etc., and every anatomical fact will be thoroughly demonstrated to the Class.

*Books Recommended.*—Quain & Wilson, Gray, Reeves, Allan's System of Anatomy.

## HYGIENE, OR STATE MEDICINE.

PROFESSOR J. ALEX. HUTCHISON.

The lectures on this subject, the importance and value of which are now universally admitted, are intended :—

To teach the application of Sanitary Science to questions concerning Public Health.

To afford rules for the conduct of the Medical Practitioner in Sanitary Inquiries, Municipal Sanitation, School Hygiene, etc.

To inculcate the use of suitable Hygienic Measures in the prevention and arrest of Contagious Diseases.

To confer such knowledge of the principles of State Medicine as it is desirable that every medical man should possess.

*Books Recommended.*—*Traité d'Hygiène*, par M. Levy; Wilson's Handbook of Hygiene; Practical Hygiene, by Parkes.

## PRACTICAL ANATOMY.

ROLLO CAMPBELL, C.M., M.D., Demonstrator.

*This Department is under the superintendence of the Professor of Anatomy.*

The dissecting room is open daily from 8 a.m. to 10 p.m., except on Saturday, when it is closed at 5 p.m.

Ample opportunities are afforded for dissecting fresh subjects at fixed rates being provided by the Demonstrator, who will be in attendance daily, to direct and assist students in their dissections, and examine their work. The dissecting rooms are supplied with every requisite for the comfort and convenience of students, due regard being observed to sanitary measures. Every possible facility will be afforded students in this most important department.

Students during dissection of each extremity are examined on the muscles, arteries, nerves, etc., of the extremity as they are exposed. Certificates are granted as soon as the student shows by examination a thorough knowledge of the anatomy of the part and its practical bearing in relation to Medicine and Surgery.

A separate dissecting room will be provided for lady students, and will be conducted by the Demonstrator and his assistants.

*Books Recommended for use in the Dissecting Room.*—Heath's Manual of Dissection, Ellis' Demonstration of Anatomy.

## PRACTICAL CHEMISTRY.

PROFESSOR JOSEPH BEMROSE, F. I. C., F. C. S.

Work in the Laboratory for Practical Chemistry is continued throughout the winter months, and is intended to afford to the student a knowledge by personal experiment of the more important elements and compounds used in medical practice, special attention being paid during the first half of the session to the reactions of those of a poisonous nature, both inorganic and organic, afterward, the qualitative examination of urine and calculi, tests for blood, bile, acids and pigments will be followed by quantitative estimations of urea, sugar, etc.

To each student is allotted a working space furnished with a full set of reagents; also the necessary apparatus, for which a deposit of \$5 will be required, to be returned at end of session, less an amount sufficient to cover breakage.

Students who are not following other courses will be admitted to the Lectures and Laboratory on matriculation.

*Books necessary.*—Attfield or Odling.

## BOTANY.

KENNETH CAMERON, B. A., M. D., Lecturer.

This subject will be considered in the following order :

Part I.—STRUCTURAL BOTANY.

Part II.—PHYSIOLOGICAL BOTANY.

Part III.—SYSTEMATIC AND DESCRIPTIVE BOTANY.

The general principles of classification will be dwelt upon, and the natural and artificial systems compared with each other. Attention will be specially directed to those orders containing medical plants, indigenous and otherwise. The method of collecting, drying, mounting and determining plants will also be explained. The course throughout will be illustrated by plates, drawings, microscopical preparations and dried specimens.

*Books recommended.*—Bessey, Dr. Gray's Structural and Systematic Botany.

## SESSION 1890-91.

The names and addresses of students enregistered during past session are as follows, viz.:—

Abbott, Miss Maude E. S. ....	St Andrews, Que.
Bloomfield, S. J. ....	Sherbrooke, Que.
Bannerman, Thos. ....	Montreal.
Burnett, Wm. ....	Montreal.
Brunett, L. C. ....	Montreal.
Barbe, Miss L. J. ....	Agnes, Que.
Brandt, E. R. M. ....	British Guiana, So. Am.
Duval, Horace ....	Montreal.
Dumont, A. ....	Montreal.
Edwards, J. J. ....	Spanishtown, Jamaica.
Fisk, Geo. ....	Sherbrooke, Que.
Fyfe, Miss Mary. ....	Montreal.
Fulton, Mrs. E. A. P. ....	Montreal.
Goltman, M. ....	Montreal.
Goltman, A. ....	Montreal.
Hayes, G. L. T. ....	Montreal.
Harrison, Mrs. Alice. ....	Montreal.
Hunter, David. ....	Inverness, Que.
Hackett, F. J. ....	Montreal.
Hannaford, E. P., jun. ....	Montreal.
Langelier, Frank. ....	Montreal.
Ives, A. S. ....	Sherbrooke, Que.

Meloch,  
Macrae,  
Nichol,  
Purvis,  
Richer,  
Ritchie,  
Rice, C.  
Smiley,  
St. Deni,  
Spooner,  
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Troughton,  
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Meloche, E.	Montreal.
Macrae, D. D.	Montreal.
Nichol, C. E.	Montreal.
Purvis, J. W. F.	Lynn, Ont.
Richer, A. J.	Montreal.
Ritchie, Miss Grace	Montreal.
Rice, C. A.	Bedford, Q.
Smiley, T. B.	Montreal.
St. Dennis, N. J.	Medford, Mass.
Spooner, H. N.	Highgate, U. S.
Trestler, J. C.	Montreal.
Troughton, C.	Montreal.
Tatley, H.	Montreal.
Vaz, C. A. E.	Spanishtown, Jamaica.
Wilson, W. E.	St. Anns, Jamaica.
Woods, C. R.	Farmersville, Ont.

### RESULTS OF EXAMINATIONS.

The following students have passed in

*Botany*.—1st Class Honors—W. E. Wilson, Geo. Fisk, L. C. Brunet, C. A. E. Vaz.

2nd Class Honors—C. E. Nichol, Thos. Bannerman, David Hunter.

Ordinary—A. J. Richer and H. Duval.

*Practical Chemistry*.—1st Class Honors—A. J. Richer.

Ordinary—G. Fisk, D. Hunter.

*Physiology*.—2nd Class Honors—D. D. Macrae and A. J. Richer.

Ordinary—H. Duval.

*Anatomy*.—1st Class Honors—Wm. Burnett.

2nd Class Honors—Ewing Brandt, M. Goltman, H. Duval, A. J. Richer.

Ordinary—D. Hunter.

*Materia Medica*.—1st Class Honors—Ewing Brandt, A. J. Richer.

2nd Class Honors—F. J. Hackett.

*Hygiene*.—1st Class Honors—Miss Grace Ritchie.

*Chemistry*.—1st Class Honors—Miss Maude E. S. Abbott.

The following passed all the primary subjects, including Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology, Materia Medica, Hygiene and Botany :—

Wm. Burnett,	Montreal.
M. Goltman,	"
F. J. Hackett,	"
D. D. Macrae,	"
Ewing Brandt,	Georgetown, British Guiana.

Passed in *Pathology*.—1st Class Honors—Miss Ritchie, F. J. Hackett, J. W. F. Purvis, Ewing Brandt, M. Goltman, W. Burnett, A. J. Richer.

Passed in *Medical Jurisprudence*.—1st Class Honors—Miss Ritchie.

Passed in *Ophthalmology*.—1st Class Honors — Miss Ritchie, T. B. Smiley, Wm. Burnett, J. W. F. Purvis.

2nd Class Honors —M. Goltman.

Ordinary—F. J. Hackett, D. D. Macrae, A. J. Richer.

The following passed all the subjects entitling them to the degree of C.M., M.D., of this University, viz. :—

Miss Grace Ritchie, Montreal; James Josiah Edwards, Spanishtown, Jamaica; Claude R. Woods, Brockville, Ontario; Herbert Tatley, Montreal.

The Examinations for the degree of C.M., M.D., were held 25th to 28th March.

The Convocation of the University for conferring degrees in Medicine was held at the Synod Hall, Montreal, on Tuesday, the 31st day of March, when the degrees of C. M., M. D., were conferred on the above-named gentlemen.

Dr. Woods gave the Valedictory Address of the Graduating Class.

The Valedictory Address to the Students on behalf of the Faculty was delivered by Professor McConnell.

The following are the prize winners, viz. :—

*Wood Gold Medalist*.—J. J. Edwards.

*Nelson Gold Medal*.—J. J. Edwards.

*Chancellor's Prize*.—C. R. Woods.

*David Silver Medal*.—Wm. Burnett.

*Senior Dissector's Prize*.—T. B. Smiley.

*Junior Dissector's Prize*.—Geo. Fisk.

*Botany Prize*.—W. E. Wilson.

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1874  
COQUI  
1873

# STUDENTS WHO HAVE OBTAINED HONORS IN MEDICINE IN THIS UNIVERSITY.

**BALL (C. DEXTER).**

- 1880 Botany, Prize.
- Practical Anatomy, Junior Prize.
- 1884 Final Examination, First Class Honours.

**BERTRAND (F. E.).**

- 1887 Botany, Prize.
- 1888 David Scholarship.

**BISHOP, B. A. (HEBER).**

- 1880 Primary Examination, Prize.
- 1882 Final Examination, "Wood" Gold Medal, "Nelson" Gold Medal.

**BLACKMER (R. C.).**

- 1882 Practical Anatomy, Junior Prize.
- 1884 Final Examination, Chancellor's Prize.

**BRONSTORPH (ERNEST).**

- 1883 Primary Examination, David Scholarship.
- 1884 Final Examination, Wood Gold Medal, "Nelson" Gold Medal.

**BURNETT (WM.).**

- 1889 Practical Anatomy, Junior Prize.
- 1891 David Silver Medal.

**CAMPBELL (ROLLO).**

- 1887 Chancellor's Prize.

**CASWELL (J. A.).**

- 1883 Final Examination, "Wood" Gold Medal.

**CAULEY (JOHN J.).**

- 1876 Anatomy, Special Prize.
- 1877 Primary Examination, Hon. Mention.

**CHANDLER (HENRY B.).**

- 1877 Botany, Prize.
- Practical Anatomy, Prize.
- 1878 Primary Examination, Prize.
- 1880 Final Examination, "Wood" Gold Medal.

**CLARK (L. M.).**

- 1887 David Scholarship.

**CLARK (L. M.).**

- 1880 Chancellor's Prize.

**COSTIGAN (ROBERT).**

- 1882 Practical Anatomy, Junior Prize.
- Physiology, Junior Prize.
- 1873 Physiology, Prize.
- 1874 Final Examination, Prize.

**COQUILLETTE (W. E.).**

- 1873 Practical Anatomy, Junior Prize.

**CURLETT (R. K.).**

- 1884 Practical Anatomy, Junior Prize.

**DAVIS (JOHN T.).**

- 1875 Primary Examination, Prize.
- Final Examination, Prize.

**DEMOULPIED (WALTER).**

- 1881 Special Surgical Examination, "Nelson" Gold Medal.

**DUBUC (GODFROI).**

- 1872 Practical Anatomy, Senior Prize.
- Physiology, Senior Prize.
- Primary Examination, Prize.

**EDWARDS (J. J.).**

- 1888 Practical Anatomy, Junior Prize.
- 1889 Practical Anatomy, Senior Prize.
- 1890 David Silver Medal.
- 1891 Wood & Nelson Gold Medals.

**ELLIOTT (C. E.).**

- 1887 Practical Anatomy, Junior Prize.
- 1889 "Wood" Gold Medal.
- "Nelson" Gold Medal.

**ENGLAND (F. R.).**

- 1882 Botany, Prize.
- 1884 Primary Examination, David Scholarship.
- 1885 "Wood" Gold Medal, "Nelson" Gold Medal.

**FAIRFIELD (W. E.).**

- 1884 Botany, Prize.
- 1886 Primary Examination, David Scholarship.
- 1887 "Wood" Gold Medal.
- "Nelson" Gold Medal.

**FISKE (GEO.).**

- Practical Anatomy, Junior Prize.

**FOLEY (JAMES LESLIE).**

- 1878 Practical Chemistry, Prize.
- 1880 Final Examination, Prize.

**FRELEIGH (EDGAR O'B.).**

- 1881 Practical Anatomy, Junior Prize.

**GAHERTY (DENNIS).**

- 1878 Primary Examination, Prize.
- 1879 Final Examination, "Wood" Gold Medal.

**GODFREY (ROBERT F.).**

- 1873 Practical Anatomy, Senior Prize.

**GILL (L. H. U.).**

- 1879 Practical Anatomy, Senior Prize.

- GROULX (V. J.).  
 1885 Practical Anatomy, Senior Prize.
- HACKETT (F. J.).  
 1890 Practical Anatomy, Senior Prize.  
 Botany Prize.
- LAURIE, JAMES B.A.  
 1890 Nelson Gold Medal.
- LATOUR (ANDRÉ).  
 1878 Final Examination, Prize.
- LEPROHON (RODOLPHE E.).  
 1878 Practical Anatomy, Senior Prize.
- LONGEWAY (A. F.).  
 1883 Botany, Prize.  
 1884 Practical Anatomy, Senior Prize.  
 1885 Primary Examination, David  
 Scholarship.  
 1886 Final Examination, "Wood" Gold  
 Medal, Special Surgical Examination.  
 "Nelson" Gold Medal.
- MAYNER (A. E.).  
 1889 David Silver Medal.  
 1890 Chancellor's Prize.
- MEAGHER (HUGH A.).  
 1876 Practical Anatomy, Senior Prize.
- MITCHELL (HOMER E.).  
 1876 Practical Anatomy, Junior Prize.  
 1878 Primary Examination, Prize.  
 Practical Anatomy, Special Prize.  
 1878 Final Examination "Wood" Gold  
 Medal.
- NELSON (GEORGE W.).  
 1879 Final Examination, Prize.  
 1887 Practical Anatomy, Senior Prize.
- NICHOL (T. S.).  
 1885 Practical Anatomy, Junior Prize.
- PALMER (JOSEPH L.).  
 1873 Practical Anatomy, Junior Prize.
- PICKEL (F. H.).  
 1886 Practical Anatomy, Senior Prize.  
 1888 Final Examination "Wood" Gold  
 Medal, Special Surgical Examination,  
 "Nelson" Gold Medal.
- PURVIS (J. W. F.).  
 1890 Practical Anatomy, Senior Prize.
- SAUNDERS (JABEZ E.).  
 1881 Botany, Prize.
- 1882 Primary Examination, "David"  
 Scholarship.  
 1885 Chancellor's Prize.
- SHAW (GEORGE BEGG).  
 1873 Primary Examination, Prize.  
 Final Examination, Prize.  
 Physiology, Prize.
- SIROIS (E.).  
 1882 Practical Anatomy, Senior Prize.  
 1883 Final Examination, Chancellor's Prize.
- SMILEY (T. B.).  
 1890 Practical Anatomy, Junior Prize.  
 1891 Practical Anatomy, Senior Prize.
- SMILLIE (NINIAN C.).  
 1879 Practical Anatomy, Junior Prize.  
 Botany, Prize.  
 1880 Practical Anatomy, Senior Prize.  
 1882 Final Examination, Chancellor's  
 Prize.
- SPENDLOVE (FRANK M. R.).  
 1888 Final Examination, "Wood" Gold  
 Medal.  
 Primary Examination, Prize.  
 Practical Anatomy, Senior Prize.  
 1878 Practical Anatomy, Junior Prize.
- TOWLE (W. B.).  
 1889 Chancellor's Prize.
- VIDAL (C. E. K.).  
 1886 Botany, Prize.  
 Practical Anatomy, Junior Prize.  
 1888 Senior Prize.  
 1890 "Wood" Gold Medal.
- WILSON (ROBERT H.).  
 1881 Final Examination, Prize.
- WILSON (W. E.).  
 1891 Botany, Prize.
- WOOD (CASEY A.).  
 1876 Primary Examination, Prize.  
 1877 Final Examination, Prize.
- WOODS (C. R.).  
 1888 Botany, Prize.  
 1891 Chancellor's Prize.
- YOUNG (WILLIAM).  
 1875 Practical Anatomy, Junior Prize.  
 1877 Primary Examination, Prize.  
 1878 Final Examination, Prize.

## UNIVERSITY OF BISHOP'S COLLEGE—FACULTY OF MEDICINE.

## HOURS OF LECTURES, &amp;c.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.	REMARKS.
A.M. 9	Anatomy. Surgery. Physiology.	Anatomy. Surgery. Physiology.	Anatomy. Surgery. Physiology.	Anatomy. Surgery. Physiology.	Anatomy. Surgery. Physiology.		Pathology, Oct. to Dec. Hygiene, Jan. to Mch. Botany, Oct. to Dec. Diseases of Children, January to March.
10	Obstetrics. Gynaecology.	Obstetrics. Gynaecology.	Obstetrics. Gynaecology.	Obstetrics. Gynaecology.	Obstetrics. Gynaecology.		
11	Practice of Medicine. Botany and Dis- eases of Child'n.	Practice of Medicine. Botany and Dis- eases of Child'n.	Practice of Medicine. Botany and Dis- eases of Child'n.	Practice of Medicine. Botany and Dis- eases of Child'n.	Practice of Medicine. Botany and Dis- eases of Child'n.		
P.M. 1	Hospitals and Dispensaries. Pathology and Hygiene.	Hospitals and Dispensaries. Pathology and Hygiene.	Hospitals and Dispensaries. Pathology and Hygiene.	Hospitals and Dispensaries. Pathology and Hygiene.	Hospitals and Dispensaries. Pathology and Hygiene.		Histology, Oct. to Dec. Practical Chemistry, Jan. to March.
3	Materia Medica and Medical Jurisprudence.	Materia Medica and Medical Jurisprudence.	Materia Medica and Medical Jurisprudence.	Materia Medica and Medical Jurisprudence.	Materia Medica and Medical Jurisprudence.		
4	Ophthalmology. Chemistry. Prac. Anatomy	Ophthalmology. Chemistry. Prac. Anatomy	Ophthalmology. Chemistry. Prac. Anatomy	Ophthalmology. Chemistry. Prac. Anatomy	Ophthalmology. Chemistry. Prac. Anatomy		
5							
7							
8						Prac. Anatomy	

## GRADUATES IN MEDICINE OF THIS UNIVERSITY.

1878..	*Ansell, Aaron	Falmouth,	West Indies.
1879..	Armstrong, George E., <i>ad eundem</i>	Montreal,	Q.
1882..	Balcom, G. A.		U.S.
1884..	Ball, Charles Dexter	California,	U.S.
1875..	Benoit, Frederick	Mattawa,	O.
1877..	Baynes, D., M.A., L.R.C.P. Edin., <i>ad eundem</i>	London,	Eng.
1882..	Bishop, Heber, B.A., " <i>Nelson</i> " and " <i>Wood</i> "		
	<i>Gold Medals</i>	Boston,	U.S.
1877..	*Boyd, Robert Hamilton	Ogdensburg,	U.S.
1878..	Belle, Charles Raphael		U.S.
1883..	Bell, W. R., <i>ad eundem</i>	New Edinburgh,	Ont.
1882..	Bell, W. D. M.	Bear Brook,	Ont.
1884..	Blackmer, Rollin Clinton	Gladus, St. Louis,	Mo.
1879..	Brodie, J., <i>ad eundem</i>	Honolulu, S'dwich Isl'ds.	
1884..	Bronstroph, Ernest Ebenezer	Kingston, Jamaica,	W. I.
1881..	Cameron, J.C., M.D., M.R.C.P.I., <i>ad eundem</i>	Montreal,	Q.
1882..	Cameron, J. W.	Brasher Falls,	U.S.
1871..	Campbell, F. W., L.R.C.P. Lond., <i>ad eundem</i>	Montreal,	Q.
1887..	Campbell, Rollo, <i>Chancellor's Prize</i>	Montreal,	Q.
1883..	Caswell, James Albert, <i>Wood Gold Medal</i>	Hampstead,	N.B.
1880..	Chandler, Henry B.	Boston,	U.S.
1888..	Clark, L. M., <i>Chancellor's Prize</i>	Kingston, Jamaica,	W. I.
1879..	Comeau, Charles E. D.	St. Pie de Guire,	Q.
1874..	Costigan, Robert	Montreal,	Q.
1872..	Cunningham, Henry S.	Indianapolis, Ind.,	U.S.
1877..	*Curtis, Horatio N.	Dunham,	Q.
1871..	*David, A. H., M.D., L.R.C.S.E., <i>ad eundem</i>	Montreal,	Q.
1875..	*Davis, J. T.	Amsterdam, Bri. Guiana.	
1881..	De Mouilpied, Walter, <i>Nelson Gold Medal</i>	Hemmingford,	Q.
1872..	Desilets, Phillip A.	St. Grégoire,	Q.
1884..	Drummond, William Henry	Montreal,	Q.
1873..	Dubuc, Godfroi	Sutton Flats,	Q.
1880..	Dubé, Philip	Quebec,	Q.
1874..	Duclos, E. A.	St. Pie,	Q.
1891..	Edwards, J. J., <i>Wood and Nelson Gold Medals</i>	Spanishtown,	Jam.
1889..	Elliott, Chas. E., <i>Wood &amp; Nelson Gold Medals</i>	Quebec,	Q.
1874..	Eneas, Jeremiah	Georgetown, Brit. Guiana.	
1885..	England, Frank R., <i>Wood and Nelson Gold Medals</i>	Montreal,	Q.
1887..	Fairfield, Wm. E., <i>Wood and Nelson Gold Medals</i>	Wequiock,	Wis., U.S.
1880..	Foley, Leslie J.	Montreal,	Q.
1873..	Fontaine, Isaac	St. Barnabie	Q.
1886..	Freleigh, Edgar O'B.	Still Water,	Wis., U.S.
1875..	Fuller, William, M.D., <i>ad eundem</i>	Grand Rapids,	U.S.
1878..	*Fuller, Herbert Cooper	Grand Rapids,	U.S.
1871..	Gardner, William, M.D., <i>ad eundem</i>	Montreal,	Q.
1879..	Gaherty, Dennis B., <i>Wood Gold Medalist</i>	Montreal,	Q.
1879..	Gernon, George Oliver	St. Benoit,	Q.
1879..	Gale, George Goodworthy	Quebec,	Q.
1882..	Gibson, J. B., <i>ad eundem</i>	Cowansville,	Q.
1880..	Gill, Louis Henry Ulric	Drummondville,	Q.
1885..	Gillard, Clarence R., M.R.C.S., L.S.A.	Montreal,	Q.
1871..	Godfrey, Robert T. M.D., <i>ad eundem</i>	Montreal,	Q.
1873..	*Godfrey, Robert Frederick	Montreal,	Q.
1884..	Gore, John Flint	Stansstead,	Q.

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t Indies.	1877..Gravely, Edward A.....	Cornwall,	Ont.
Q.	1888..Groulx, V. J.....	Valleyfield,	Que.
U.S.	1874..Hart, David A.....	Bedford,	Q.
U.S.	1877..*Hayes, Thomas Edward.....	Montreal,	Q.
O.	1871..Hingston, Wm. H., M.D., L.R.C.P.E., <i>ad eun.</i>	Montreal,	Q.
Eng.	1874..Hunter, William M.....	Ottawa,	Q.
U.S.	1889..Jack, J. McPherson.....	Montreal,	Q.
U.S.	1879..Jenkins, James Theodore.....	Riverside,	Cal.
U.S.	1890..Judd, David Hiram.....	Mallorytown,	O.
U.S.	1879..Kannon, Matthew Mark.....	Los Angeles,	Cal.
Ont.	1871..*Kennedy, R. A., M.D., <i>ad eundem</i> .....	Montreal,	Q.
Mo.	1873..*Kollymer, A. H., M.D., <i>ad eundem</i> .....	Montreal,	Q.
h Isl'ds.	1878..*Kerry, Anthony.....	Montreal,	Q.
W.I.	1880..Labrie, Edmond.....	Point Levis,	Q.
Q.	1874..Lafontaine, Charles.....	Chambly,	Q.
U.S.	1884..Lafontaine, Charles Henry.....	Danielsonville, Cn.	U.S.
Q.	1872..Lanouette, Joseph E. A.....	Murchison, N.H.,	U.S.
Q.	1872..Latour, André A.....	Montreal,	Q.
N.B.	1890..Lauchlin, C. A.....	Montreal,	Q.
U.S.	1873..Lawrence, Frederick Ch.....	Kerville, Texas,	U.S.
a, W. I.	1874..Lemieux, Israel.....	Crookston, Mich.,	U.S.
Q.	1871..Leprohon, J. L., M.D., <i>ad eundem</i> .....	Montreal,	Q.
Q.	1879..Leprohon, Rodolphe Edward Connolly.....	Montreal,	Q.
U.S.	1886..Longeway, Albert F., <i>Wood and Nelson Gold</i>		
Q.	<i>Medals</i> .....	Great Falls, Mon.,	U.S.
U.S.	1878..MacDonald, Joseph William Dugald.....	Manchester, N.H.,	U.S.
Q.	1873..*Macdonald, William.....	Montreal,	Q.
Q.	1874..McKay, John M.....	Quebec,	Q.
Guiana.	1874..McKay, William Albert.....	Portage du Fort,	Q.
Q.	1871..McConnell, J. B., M.D., <i>ad eundem</i> .....	Montreal,	Q.
Q.	1878..McDuffie, John W.....	Stanstead,	Q.
Q.	1881..McGillis, William C.....	Victoria,	B.C.
Q.	1877..McLeod, John.....		
Q.	1879..Marshall, Charles.....	Huntingdon,	Q.
Jam.	1890..Mayner, A. E., 89 East St.....	Kingston, Jamaica,	W. I.
Q.	1888..Mignault, H. A., M.D., C.M., <i>ad eundem</i> .....	St. Hyacinthe,	Q.
Guiana.	1883..Minckler, Philo E.....	Kansas City,	U.S.
Q.	1878..Mitchell, Homer Elihu, <i>Wood Gold Medal</i> ...	Stanbridge Station,	Q.
U.S.	1872..*Nelson, Wolfred D. E.....		U.S.
Q.	1879..*Nelson, George Washington.....	Panama,	U.S.
Q.	1886..Nichol, William G.....	Montreal,	Q.
U.S.	1889..Nichol, Thos. Scott.....	Montreal,	Q.
U.S.	1884..Ogilvie, James, F.R.C.S.E., etc.....	Kingston, Jamaica,	W. I.
U.S.	1885..Parent, Charles E.....	Waterloo,	Q.
U.S.	1884..Patterson, William.....	Montreal,	Q.
Q.	1886..Patton, Angus O.....	Caughnawaga,	Q.
Q.	1873..Peltier, Gaspard U.....	Cohoes, N.Y.,	U.S.
Q.	1873..Perrigo, James, M.D., M.R.C.S., <i>ad eundem</i> .....	Montreal,	Q.
Q.	1887..Phelan, A. E.....	Riverside, California,	U.S.
Q.	1888..Pickel, F. H., <i>Wood and Nelson Gold Medals</i> ...	Sweetsburg,	Q.
Q.	1875..Pidgeon, Joseph A.....	Perce, Gaspé,	Q.
Q.	1882..Prendergast, W.....	Montreal,	Q.
Q.	1877..Proudfoot, Alexander, M.D., <i>ad eundem</i> .....	Montreal,	Q.
Q.	1881..Quinones, Eleuterie.....	Porto Rico,	W. I.
Q.	1884..Riopel, Rev. Solomon, M.A.....	Valcartier,	Q.
	1891..Ritchie, Miss Grace.....	Montreal	Q.
	1871..Robitaille, Hon. Theodore, M.D., <i>ad eundem</i> ...	Quebec,	Q.

\* Dead.

1873..	Robitaille, Edmond, M.D., <i>ad eundem</i> .....	Montreal,	Q.
1888..	Rodger, T. A., M.D., C.M., <i>ad eundem</i> .....	Montreal,	Q.
1887..	Rohler, J. M. ....	New Amsterdam,	British Guiana.
1874..	Rose, Edward .....	St. Anicet,	Q.
1878..	Sabourin, Elzear .....	St. Urbain,	Q.
1885..	Saunders, Rev. Jabez B. ....	Pembroke,	Q.
1887..	Scott, Albert Page .....	Montreal,	Q.
1873..	*Shaw, George Begg .....	Montreal,	Q.
1874..	Shee, Patrick Arthur .....	Inverness,	Q.
1876..	*Sheridan, Terence G. ....	Gaspé Basin,	Q.
1878..	Sheridan, John .....	Paris,	France
1881..	Simpson, Thomas, M.D., <i>ad eundem</i> .....	Montreal,	Q.
1883..	Sirois, Euchariste .....	Three Rivers, Mass.,	U.S.
1873..	Slack, George F., M.R.C.S. Eng. ....	West Farnham,	Q.
1881..	Smilie, N.C., <i>Chancellor's Prize</i> .....	Gaspé,	Q.
1874..	St. Germain, Valmore .....	West Warren, Mass.,	U.S.
1890..	Smiley, W. N. ....	Montreal	Q.
1876..	Smith, A. Lapthorn, M.D., M.R.C.S., <i>ad eun</i> ..	Montreal,	Q.
1889..	Smith, A. C., M.D., <i>ad eundem</i> ....	New Castle,	N.B.
1881..	Spendlove, Frank M. R., <i>Wood Gold Medal</i> ...	Montreal,	Q.
1882..	Stevens, A. D., <i>ad eundem</i> .....	Dunham,	Q.
1871..	Tabb, S. E., M.D., <i>ad eundem</i> .....	Sherbrooke,	Q.
1890..	Tanguay, Geo. B. ....	Fall River,	Mass.
1891..	Tatley, Herbert .....	Montreal,	Q.
1888..	Taylor, F. ....	Shannonville,	Ont.
1880..	Tetrault, Francis Joseph .....	Orange, N.J.,	U.S.
1888..	Thomas, S. A. ....	Escanaba, Mich.,	U.S.
1889..	Towle, W. Bentley .....	Boro-Wosh Mills, Derby,	Eng.
1871..	Trenholme, E. H., M.D., <i>ad eundem</i> .....	Montreal,	Q.
1874..	Vennor, Victor John A. ....	Campbelltown,	N.B.
1890..	Vidal, C. E. K., Gen. Hospital .....	Montreal,	Q.
1872..	Webber, Richard N. ....	Richmond,	Q.
1871..	Wilkins, George, M.D., M.R.C.S. Eng., <i>ad eun</i> ..	Montreal,	Q.
1881..	Wilson, Robert H. ....	Montreal,	Q.
1877..	Wood, Casey A. ....	Chicago,	Ill.
1891..	Woods, C. R., <i>Chancellor's Prize</i> .....	Erockville,	Ont.
1878..	*Young, William .....	Hong-Kong,	China.

\* Dead.

The following oath will be exacted from the successful candidate before receiving the degree :

#### OATH.

Ego Doctoratus in Arte Medica titulo jam donandus, sancte coram Deo cordium scrutatore, spondeo, me in omni grati animi officio ergo hanc Universitatem ad extremum vitæ halitum preseveraturum.

Tum porro Artem Medicam, caute, caste, probeque exercitaturum, et quoad potero, omnia, ad ægrotorum corporum salutem conducentia cum fide procuraturum. Quæ, denique, inter medendum visa vel audita sileri conveniat, non sine gravi causa vulgaturum.

Ita præsens spondenti adsit Numen.

## EXAMINATION PAPERS.

SESSION 1890-91.

## PRIMARY EXAMINATION.

## PHYSIOLOGY.

1. Give physiology of the act of swallowing, and along what nerves are the afferent and efferent impulses of deglutition conveyed?
2. Muscles of ordinary quiet inspiration and the different changes air undergoes in respiration?
3. Minute anatomy of liver lobule.
4. Effect of ligature of hepatic artery on secretion of bile, and why does bile not escape into intestines during fasting?
5. What tissues are developed from Epiblast, Mesoblast and Hypoblast?
6. Give action of pancreatic juice in digestion and names of its ferments.
7. What are the inorganic salts of the urine, and quantity of phosphoric and sulphuric acids daily excreted normally, and the origin of these acids?
8. Peculiarities of the circulation in different parts of the body.

## MATERIA MEDICA AND THERAPEUTICS.

1. Give the composition, strength and doses of the following :
  - (a) Liquor arsenicalis.
  - (b) Pil ferri carbonatis.
  - (c) Pil plumbi cum opio.
2. If the dose of a remedy given by the stomach is 1, what quantity is required to produce the same effect when given
  - (a) Epidermically?
  - (b) Hypodermically?
  - (c) By enema?
3. What are the physical characteristics of the nervous temperament, to what diseases are persons of this temperament predisposed, and what precautions should be taken in prescribing for them?
4. Explain the mode of action of salines as
  - (a) Purgatives.
  - (b) Diuretics.
  - (c) Diaphoretics.

5. Write a prescription for asthma, each dose to contain potassic iodide gm. 1.20. Use metric system.

6. Discuss fully the principles of treatment of acid dyspepsia due to
- (a) Hyperacidity.
  - (b) Hypersecretion.
  - (c) Deficient secretion.

Explain the mode of action of the remedies you suggest and the time of their administration.

7. In poisoning with the following, what would be the characteristic symptoms and appropriate treatment?

- (a) Chloral hydrate.
- (b) Corrosive sublimate.

8. Compare the pharmacological actions of the following, and state for what class of cases each is best adapted therapeutically:

- (a) Antipyrine.
- (b) Antifebrin.
- (c) Phenacetine.

#### THEORETICAL ANATOMY.

1. Describe the scapula, and name the muscles attached to it.
2. Describe the hip-joint (what bones assist in forming this articulation), and give a brief description of its ligaments, nerve and arterial supply. (b) Explain the terms, Synarthrosis, Amphiarthrosis, and Diarthrosis.
3. Give the coverings, boundaries, floor, and contents (with their relationship) of the superior Carotid and Scarpa's triangles. (b) Give in detail the procedure for ligation of the common Carotid artery in the former triangle, and explain how the collateral circulation is carried on.
4. Explain the terms "Oblique" and "Direct" inguinal hernia. (b) Mention coverings of external inguinal hernia. (c) Briefly describe by what means a femoral hernia makes its exit from the abdomen, and its course after doing so.
5. Describe the portal circulation. What vessels unite to form the portal vein; with what vessels do its radicals communicate, and in what does it differ from veins in general? (b) Into what do the right and left spermatic veins empty? (c) Name the relationship of the vessels and ureter at hilus of the kidney.
6. Origin, insertion and nerve supply of the following muscles: Digastric, Mylo-hyoid, Levator anguli Scapulæ, Trapezius, Deltoid, Pectoralis minor, Serratus magnus, Biceps humerus, Pronator radii teres, Flexor carpi ulnaris,

Extensor carpi radialis longior, Diaphragm, Transversalis, Gluteus maximus, Sartorius, Adductor magnus, Tibialis anticus, Soleus, Peroneus longus, Flexor longus pollicis, Accessorius.

7. Mention the nerves that form the Brachial plexus, and name its branches. (b) Give the nerve supply of the muscles of the hand.

8. Name the coverings of the brain, and in what way do the external and internal coverings differ. (b) Give the boundaries of the fourth ventricle, with what does it communicate, and by what means? (c) Explain the terms Falx cerebri, Falx cerebelli. (d) In what do the venous sinuses in the skull differ from veins in general.

9. Mention what passes through the opening in the Sphenoid bone. (b) What do the following foramina transmit: Anterior ethmoidal, jugular, anterior condyloid and internal auditory meatus?

#### CHEMISTRY.

1. Hydrogen is passed over hot cupric oxide, which loses 50 grammes in weight. What weight of water should be obtained?

2. Name and describe the substance obtained, when salt, sulphuric acid, and manganese dioxide are heated together. What is obtained if the manganese dioxide be omitted?

3. Explain the chemistry of Fehling's test for dextrose, and of Scheele's test for Prussic acid.

4. What reasons have we for writing the structural formula of Ethyl Alcohol  $C_2H_5.OH$ ?

5. Describe dextrin and glucose, explaining the preparation, properties and uses of each.

6. Write notes explanatory of *basic salts*, *reduction*, *homologous series*, *polymerism*, and *allotropy*, with an example of each.

7. Argol—what its composition, and how formed? Describe the acid it yields.

#### PRACTICE OF MEDICINE.

1. Describe a case of tubercular phthisis, and give the treatment.

2. Explain the formation of gall stones, and give the treatment for biliary colic, dietetic and medical.

3. Symptoms of cancer of stomach, describing the various forms met with in that organ. Give treatment.

4. Give the symptoms of capillary bronchitis.

5. Give the treatment of asthma during a paroxysm and subsequently.

6. Describe a case of dysentery. Give treatment.

## SURGERY.

50. 1. What are the causes of gangrene, and give the symptoms of the senile form.
50. 2. Describe the different methods of skin-grafting, and state in what cases you would apply the treatment.
50. 3. Describe in detail cutaneous erysipelas, and state the possible complications that may ensue.
50. 4. Describe the condition of dislocation of both bones of the forearm backwards, and give the treatment.
50. 5. Mention the different causes of obstruction of the intestines.
50. 6. What are the complications that may attack a burn of the 4th degree.

## OBSTETRICS.

1. What are the causes of delay in the third stage of labor? Give treatment.
2. Give directions for the care of the recently delivered woman?
3. Give the causes of hemorrhage in the first three or four months of pregnancy?
4. How would you classify puerperal fevers?
5. Mention the causes of dystocia?
6. A pluripara at the 7th month delivered by turning of a dead foetus, which had probably been retained 3 or 4 weeks. Placenta was removed by the midwife. No hemorrhage. On the 5th day patient was suffering from pain in the abdomen. On the 9th day the abdomen was excessively distended and painful all over. Pulse small. Died next day. What would be your diagnosis, and what treatment would you have adopted?

## MEDICAL JURISPRUDENCE.

1. Give the signs of death.
2. Give the treatment of a man who has been drowned a few minutes previously.
3. In the case of a man found dead with a hole in his skull and a pistol in his hand, give your reasons for thinking it was a case of suicide or homicide or accident.
4. Give diagnosis, prognosis and treatment of a case of acute mania.

## GYNECOLOGY.

1. Give symptoms, prognosis and treatment of gonorrhœa in women.
2. Mention all the possible causes of dysmenorrhœa.

3. Mention the various situations and kinds of fibromyoma of uterus and treatment for each.

4. Give the causes, progress and treatment of pelvic peritonitis.

5. Mention the various measures which may be employed for improving the circulation in a congested uterus.

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### SURGERY.

#### NELSON MEDAL EXAMINATION.

60. 1. Give a review of the general treatment of inflammation, as it is now understood.

60. 2. What are the dislocations of the shoulder joint? Give the symptoms of the sub-glenoid form, and its treatment, when complicated with fracture of the neck of the humerus.

50. 3. Describe phlegminous erysipelas, and give the differential diagnosis between it and cellulitis.

40. 4. In a punctured and lacerated wound, what points would you take into consideration in deciding upon amputation? State what you understand by a primary and secondary amputation.

60. 5. Describe Syme's amputation; and contrast it with Pirogoff's.

50. 6. Give the treatment for stricture of the rectum.

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### DISEASES OF CHILDREN.

1. Mention some of the characteristics of children, and show how to conduct the examination of a young child, noting the most important points to be observed.

2. (a) What can be learned from observation of the tongue? (b) Name the temporary teeth in the order which they are cut.

3. Compare the milk, the farinaceous and the Liebig foods, and under what circumstances would you recommend their use?

4. Give the symptoms, course, diagnosis, complications, and treatment of scarlatina.

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### OPHTHALMOLOGY.

1. Give the distinctive symptoms of a case of syphilitic iritis.

2. Give the treatment.

3. Give the symptoms of simple glaucoma.

4. What local remedies would you employ before resorting to an operation, and what strength would you use them?

5. What is the chief operation for a case of glaucoma?

6. What is cataract, and how would you diagnose it?

## PATHOLOGY.

1. *Thrombi*—Give the exciting causes, mode of formation and later changes and varieties; distinguish between a thrombus and a post mortem clot.
2. *Venous Hyperæmia*—Give the causes and results.
3. Define the sarcomata, give the general histology and clinical characters; and briefly describe the varieties.
4. *Necrosis*—Give the etiology, characters, and course.

## COLLEGE OF PHYSICIANS AND SURGEONS

OF THE PROVINCE OF QUEBEC.

*Programme of Preliminary Examination.*

(For 1890-91-92.)

## OBLIGATORY SUBJECTS.

**Latin.**—Cæsar's *Commentaries*, Books I., II., III., IV.—Virgil's *Æneid*, Books I. and II.—The *Odes* of Horace, Book III., with a sound knowledge of the Grammar of the Language.

**English.**—For *English-speaking* Candidates.—A critical knowledge of one of Shakespeare's Plays, viz.: *Richard III.*, for 1890, *Henry IV.*, Part 1 for 1891, *Henry IV.*, Part 2 for 1892, with English Grammar, as in Dr. Smith or Mason.

For *French-speaking* Candidates.—Translation into French of passages from the first eight Books of Washington Irving's *Life of Columbus*, with questions of Grammar. Translation into English of extracts from Fénelon's *Télémaque*.

**French.**—For *French-speaking* Candidates.—A critical knowledge of Molière's *Le Bourgeois Gentilhomme*, Fénelon's *Aventures de Télémaque* and La Fontaine's *Fables*, Books I., II., III., with questions of Grammar and Analysis.

For *English-speaking* Candidates.—Translation into English of passages from Fénelon's *Télémaque*, with questions of Grammar. Translations into French of easy English extracts.

**Belles Letters and Rhetoric.**—Principles of the subject as in Haven's *Rhetoric*, or Boyd's *Rhetoric and Literary Criticism*. History of the Literature of the age of *Pericles in Greece*, of *Augustus in Rome*, and of the 17th and 18th centuries of England and France.

**History.**—*Outlines* of the History of *Greece* and *Rome*, with particular knowledge of the History of *Britain*, *France* and *Canada*.

**Geography.**—A *general view*, with particular knowledge, of *Britain, France* and *North America*.

**Arithmetic.**—Must include *Vulgar* and *Decimal Fractions, Simple* and *Compound Proportion, Interest* and *Percentages* and *Square Root*.

**Algebra.**—Must include *Fractions* and *Simultaneous Equations* of the First Degree.

**Geometry.**—*Euclid*, Books I., II., III., and VI., or the portion of plane Geometry covered by those Books. Also the measurement of the lines, surfaces, and volumes of regular geometrical figures.

#### OPTIONAL SUBJECTS.

(The candidate must take one of the three following.)

**Greek.**—*Xenophon's Anabasis*, Book I.—*Homer's Iliad*, Book I., with Greek Grammar.

**Physics.**—*Outlines* of the subjects as in *Ganot's Physics*, translated by *Atkinson*

**Philosophy.**—*Elements of Logic* as in *Jevon's Logic*, and *Elements of Moral Philosophy*, as in *Calderwood's Hand-book*.

N.B.—Candidates must produce Certificates of good moral character. Any Candidate detected copying or in conniving at another's copying from him, or in using books or notes, will be immediately dismissed from the room.

#### TIME AND MARKS ALLOWED FOR EACH SUBJECT.

##### FIRST DAY.

Latin	9 to 11	300 marks.
History	11 to 12	100 "
Geography	12 to 1	100 "
French	2½ to 4	150 "
English	4 to 5½	150 "
Belles Lettres and Rhetoric	5½ to 6½	100 "

##### SECOND DAY.

Geometry	8½ to 10	150 "
Arithmetic	10 to 11½	150 "
Algebra	11½ to 1	150 "
Optional Subject	2½ to 4	150 "

H. ASPINWALL HOWE, LL.D.,  
H. A. B. VERREAU, LL.D.,  
H. J. H. PETRY, Esq., M.A.,  
J. C. K. LAFLAMME, S.T.D.,  
} *Examiners.*

## ANNOUNCEMENT

OF

SUMMER SESSION, 1891.

All students desirous of attending the Summer Course of Lectures are required to "register" their names, within one week of the commencement of the session, and pay a fee of \$12.00 (which includes registration), payable strictly in advance. Enregistration and payment of the above fee are compulsory whether one or more classes are attended. Students of other colleges are admitted on the same terms as regular students.

## PHYSICAL DIAGNOSIS.

DR. J. B. McCONNELL.

In this course the various methods of eliciting the physical signs of disease will be taught, the use of the stethoscope, and other mechanical aids. The topography of the chest and normal physical signs will be demonstrated on the living subject. Also the use of Electricity and the Ophthalmoscope in the diagnosis of nervous diseases.

## GYNÆCOLOGY.

DR. A. L. SMITH.

This course will embrace the Diagnosis and Treatment of Gynæcological cases—by Inspection, Bi-manual palpation, the sound, speculum, local applications, preparation and use of tampons, simple and medicated. The use and abuse of Pessaries.

Practical demonstrations will be given in the application of Apostoli's method of using electricity in Gynæcology.

## OBSTETRICS.

DR. H. L. REDDY.

This course will embrace the following subjects, more particularly Puerperal Sceptic Infection, Prophylaxis and treatment. Dystocia, causes and treatment, including operative interference. Students

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will be expected to attend in turn Midwifery cases, and take charge of them and the new-born children during the period of convalescence, under the guidance of the Professor of Obstetrics.

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### SKIN DISEASES.

DR. JACK.

This course embraces the diagnosis and treatment of the Skin Diseases usually seen in a large city.

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### CLINICAL LECTURES—MEDICINE.

DR. F. W. CAMPBELL, DEAN OF THE FACULTY.

From selected cases at the Montreal General Hospital.

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### EYE AND EAR.

DR. PROUDFOOT.

Clinical instruction is given to students. Diagnosis and treatment of the diseases of these organs met with in general practice. Students are instructed in the practical use of the Ophthalmoscope.

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### MINOR SURGERY.

DR. ROLLO CAMPBELL.

Instruction given in Bandaging and the application of Splints in cases of Fracture, modes of reducing Dislocations, the essentials of Minor Surgery, and the methods of using the different instruments.

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### SPECIAL COURSE.

#### MICROSCOPIC DIAGNOSIS.

DR. McCONNELL.

This course will include instruction in the use of the Microscope as an aid in diagnosis, such as the examination of Urine (Chemical also) sputum, morbid secretions and sections of tumours and other pathological structures; microscopes, reagents, etc., provided.

Fee, \$10.00.

## PRACTICAL PHARMACY AND DISPENSING.

The course imparts to the student a thoroughly practical knowledge of the art of compounding drugs. Special attention is given to Dispensing, the composition and doses of the British Pharmacopæal Preparations.

Students can begin this course any time during the year. Six months' certificate of attendance being required by the College of Physicians and Surgeons.

Fee, \$6.00.

All communications should be addressed to The Dean, Dr. F. W. Campbell, No. 10 Phillips Place, or to the Registrar, Dr. Geo. Tillerie Ross, 945 Dorchester street.

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*Lectures of Summer Session will begin on April 13th and continue until July, as follows :*

Subject.	Place.	Day and hour. Lecturer.
Physical Diagnosis,	Western Hospital.	Wednesday and Saturday, 11 a.m. Dr. J. B. McConnell.
Gynæcology,	Montreal Dispensary.	Monday, 4 to 5 p.m. Dr. A. L. Smith.
Clinical Obstetrics,	Women's Hospital.	Tuesday and Friday, 1 p.m. Dr. H. L. Reddy.
Skin Diseases,	College Building.	Monday and Thursday, 5 to 6 p.m. Dr. Jack.
Clinical Lectures, Medicine,	Montreal General Hospital.	Monday and Thursday, 12 noon. Dr. F. W. Campbell, Dean of the Faculty.
Clinical instruction, Eye and Ear,	Montreal Dispensary.	Monday, Wednesday and Friday, 1 p.m. Dr. Proudfoot.
Minor Surgery,	" "	Monday and Thursday, 4 <sup>th</sup> p.m. Dr. Rollo Campbell.
Microscopic Diagnosis,	Laboratory.	Every Thursday, 8 to 11 p.m. Dr. McConnell.

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