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BISHOP'S COLLEGE..

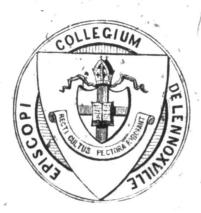
SEVENTH ANNUAL ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE,

MONTREAL.

SESSION 1877-78.



Montreal:

PRINTED BY LOVELL PRINTING AND PUBLISHING COMPANY.

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All communications relating to the Medical Department of this University should be directed either to the Dean of the Medical Faculty, Dr. David, 42 Beaver Hall Terrace, or to the Registrar Dr. F. W. Campbell, 10 Phillips Place, Beaver Hall.

Students, on arriving in this city, should call upon either of the above gentlemen, when they will receive all necessary information.

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Hon. G. IRVINE,

G. F. BOWEN, ES E. T. BROOKS, ES J. S. HALL, ESQ., R. HAMILTON, ES H. G. JOLY, ESQ., Rev. R. LINDSAY T. MACFARLANE

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E. CHARMAN, Es
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CORPORATION

OF THE

UNIVERSITY OF BISHOP'S COLLEGE.

PRESIDENT OF THE CORPORATION AND VISITOR:

THE RIGHT REV. THE LORD BISHOP OF QUEBEC.

VICE-PRESIDENT OF THE CORPORATION AND VISITOR:

THE MOST REV. THE LORD BISHOP OF MONTREAL, METROPOLITAN.

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Buculty of Medicine.

- A. H. DAVID, M.D, Edin., L.R.C.S.E., D.C.L., DEAN, PROFESsor of Theory and Practice of Medicine, 42 Beaver
- J. L. LEPROHON, M.A., M.D., C.M., PROFESSOR OF HYGIENE, 237
- F. W. CAMPBELL, M.A., M.D., L.R.C.P. Lond., PROFESSOR OF PHYSIOLOGY, AND LECTURER ON PHYSICAL DIAGNOSIS, REGISTRAR, 10 Phillips Place, Beaver Hall.
- E. H. TRENHOLME, M.D., C.M., B.C.L., PROFESSOR OF MID-WIFERY AND DISEASES OF WOMEN AND CHILDREN, 32
- J. B. EDWARDS, Ph.D., D.C.L., PROFESSOR OF PRACTICAL CHEMISTRY AND MICROSCOPY, Beaver Hall Hill.
- R. A. KENNEDY, M.A., M.D., C.M., PROFESSOR OF THE PRIN-CIPLES AND PRACTICE OF SURGERY, 105 Bleury Street.
- G. WILKINS, M.D., M.R.C.S., Eng. Professor of Pathology, LECTURER ON PRACTICAL PHYSIOLOGY, AND PRACTICAL HISTOLOGY, 167 St. Antoine Street.
- A. H. KOLLMYER, M.A., M.D., PROPESSOR OF MATERIA MEDICA AND THERAPEUTICS, LECTURER ON PRACTICAL PHARMACY, 95 St. Alexander Street.
- J. PERRIGO, A.M., M.D., C.M., M.R.C.S., Eng., PROFESSOR OF MEDICAL JURISPRUDENCE, 591 St. Catherine Street.
- J. B. McCONNELL, M.A., M.D., C.M., PROFESSOR OF BOTANY AND ZOOLOGY, LIBRARIAN, 157 Bleury Street.
- WM. FULLER, M.D., C.M., PROFESSOR OF ANATOMY, LECTURER ON MEDICAL ELECTRICITY, 135 Wellington Street.
- CASEY A. WOOD, C.M., M.D., PROFESSOR OF CHEMISTRY, 56 St.
- G. F. SLACK, B.A., C.M., M.D., M.R.C.S., Eng., LECTURER ON MINOR SURGERY, 142 St. Antoine Street.
- DONALD BAYNES, M.A., M.D., C.M., L.R.C.S., Edin., Lecturer. ON DISEASES OF THE THROAT, 1353 St Catherine Street.
- ALEXANDER PROUDFOOT, M.D., C.M., LECTURER ON DISEASES OF THE EYE AND EAR, 37 Beaver Hall Terrace.
- ANDRE LATOUR, C.M., M.D., DEMONSTRATOR OF ANATOMY,
- H. C. FULLER, CURATOR OF MUSEUM.

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Faculty of Wedicine

OF THE

UNIVERSITY OF BISHOP'S COLLEGE

Will open their seventh session, in Montreal, on Monday, the first day of October, 1877, with an introductory lecture by

PROFESSOR KOLLMYER.

With the exception of a short vacation at Christmas, the session will continue till the end of March next.

The rapidly increasing number of students attending this College shows that the practical method of teaching adopted by the Faculty is attended with the most complete success. The subjects taught and the methods of imparting information are based upon the requirements of the Medical Colleges of Great Britain, and of the various acts regulating the study of medicine in Canada. Each department, where it is possible to illustrate practically, is furnished with the most modern and improved appliances. The College contains, amongst others, two large lecture rooms, with comfortable seats for the accommodation of the students, a museum, library, and laboratories, which last are fitted up with every modern convenience for practical chemistry and the study of microscopy. The dissecting room is large, airy, well-ventilated and well-lighted, both by day and night, affording students every opportunity for prosecuting their work with comfort and health. The physiological laboratory in connection with this College is furnished with the most important and improved scientific apparatus for physiological experimentation, and, at present, is the most complete in Canada.

Students who have attended this University, and completed their course of four years study, desirous of securing the diploma either of the Royal College of Surgeons, England, or the Royal College of Physicians, London, will not be required to attend further lectures, but may present themselves at any time for examination for either of these diplomas (provided they have sufficient hospital attendance), this College being recognized by

both of these British Colleges.

During the present summer increased facilities for acquiring knowledge have been afforded the students of this University by establishing a "Summer" course of Lectures.

HOSPITAL PRACTICE.

Montreal is particularly rich in the facilities which it affords for hospital practice; the large number of factories and the enormous shipping furnishing a constant and varied supply of surgical

The Montreal General Hospital (150 beds) is situated within a few minutes walk of the college, and is visited daily by three physicians besides an ophthalmic surgeon. It affords equal advantages to students of all Medical Colleges for obtaining a practical knowledge of every department of medicine and surgery. A new wing lately added to the institution, used as a Children's Hospital, will 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 a surgeon specially appointed for these diseases, will give students facilities for their study. The large number of out-patients, averaging about fifty a day, enables the physicians in attendance to impart instruction by selecting gases presenting variety of symptoms and points of comparison and contrast. Practice can be obtained in auscultation, the use of the laryngoscope, the ophthalmoscope and other means of physical diagnosis. Abundant opportunities are furnished for the study of diseases of women. Clinical instruction is given daily, and all. operations performed in the presence of the students.

The Montreal Dispensary, with a staff of eight physicians and an oculist, has an average daily attendance of about forty patients. Being in close proximity to the manufacturing district 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, &c. 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 proportion of the cases seen here. A very large number of cases of diseases of the eye and ear are treated at this Institution, and students will be practically taught the use of the ophthalmoscope.

In practical pharmacy the student has great advantages; the dispensing is done entirely by students in attendance, under the supervision of the attending physicians. Many useful and practical hints in the compounding of drugs, as well as their doses, are thereby acquired. Clinical instruction will be given by several of the attending physicians on the more important cases which may present themselves.

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The Women's Hospital is under the control of the Faculty of Medicine of this University and consequently offers great facilities to the students of this College who may wish to attend cases of accouchment. The lying-in department is under the direction of the Professor of Midwifery. There is also a daily clinic at 11 a.m. of diseases peculiar to women, which furnishes unequalled advantages to students desirous of successfully treating uterine and other diseases peculiar to females.

The Hotel Dieu and St. Patrick's Hospital (175 beds) are within easy access from the College. They are visited daily at noon, and allow equal privileges to all students. A large amount of surgery is to be seen at this Hospital.

According to the Medical Act of 1876, in order to register a Diploma in medicine in the Province of Quebec, for the purpose of obtaining a license, it is necessary that all students commencing the study of Medicine after that date, before doing so, 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." It is also absolutely necessary that the student attends College during three full six months sessions, and of these he is obliged to attend one session during the first year succeeding his obtaining the certificate of qualification to study; further, before obtaining his diploma he must have been engaged uninterruptedly in the study of medicine during a period of not less than four years; that is to say, every student who begins the study of Medicine after 1876, must spend six months at some recognized Medical College during his first year, -one year of the following three years may be spent in studying with a medical practitioner—the other two (i.e. three years in all) he must study at College.

Students intending to practice in Ontario are required by the Medical Council of that Province to pass their preliminary examination there before commencing the study of Medicine. Students who have passed the necessary preliminary examination recognized by the Ontario Medical Council will not be required to pass a further preliminary examination in this University

Although, out of the four years study, only three sessions are required to be spent at College, it is advisable that the entire period of four years be devoted to attendance on lectures during session, in which case the student is recommended to attend as follows.

FIRST YEAR.

ANATOMY, PHYSIOLOGY, MATERIA MEDICA, CHEMISTRY, BOTANY, DISSECTION, HOSPITAL PRACTICE.

SECOND YEAR.

ANATOMY, MATERIA MEDICA, CHEMISTRY, PRACTICAL CHEMISTRY, SURGERY, MIDWIFERY, DISSECTION, HOSPITAL PRACTICE AND CLINICAL SURGERY.

THIRD YEAR.

ANATOMY, PHYSIOLOGY, MEDICINE, PRACTICAL HISTOLOGY, DIS-SECTION, HOSPITAL PRACTICE AND CLINICAL MEDICINE.

FOURTH YEAR.

MEDICINE, SURGERY, PATHOLOGY, MIDWIFERY, MEDICAL JURISPRU-DENCE, HYGIENE, HOSPITAL PRACTICE AND CLINICAL LECTURES.

Students who can attend the summer session are strongly advised to do so. They will then have imparted to them much extremely useful information on subjects that cannot be taken up during the more important winter session. The fees are made merely nominal so as to encourage a large attendance. This course is entirely optional.

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 are required to enregister their names at the commencement of each session. The registration book of the College will be closed on the first day of December in each year.

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

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PRELIMINARY EXAMINATION.

Examiners: Prof. Millar, Morrin College, Quebec; Prof. Howe, High School, Montreal; Rev. Mr. Laflamme, Seminary of Quebec; Rev. Mr. Verreau, Jacques Cartier Normal School.

The subjects of Examination are as follows:-

COMPULSORY SUBJECTS: English, French, Latin; Arithmetic, Algebra, Euclid, History, Geography, Belles-Lettres.

OPTIONAL SUBJECTS: [Candidates can select any one of the following subjects.]. Greek, Natural and Moral Philosophy.

Graduates in Arts (not honorary) of recognized Universities, and matriculants in recognized colleges are not required to submit to this preliminary examination.

The next preliminary examinations will be held at Quebec on the nineteenth day of September.

Fee for this examination—ten dollars. Should the candidate be unsuccessful, one half the fee will be returned.

PROFESSIONAL EXAMINATIONS.

Each candidate is examined both in writing and viva voce. The Primary subjects are Botany, Chemistry, Practical Chemistry, Anatomy, Physiology, Materia Medica. The subjects of the final examination are Practice of Medicine, Surgery, Pathology, Midwifery and Diseases of Women and Children, Medical Jurisprudence and Hygiene.

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

Students who have attended two complete courses of Chemistry and Materia Medica, and have passed their examination on Botany, may be admitted to examination on Chemistry, Practical Chemistry and Materia Medica at the end of their second year.

Students who have passed their examination on Chemistry and Materia Medica may be admitted to the examinations on Anatomy and Physiology at the end of their third year.

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

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

A graduate in Arts is not required to pass the examination in Botany.

PRIZES.

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

The Wood Gold Medal.—A gold medal, presented annually by Dr. Wood of Ottawa, to the student who has attended at least two

six months' sessions at Bishop's College, and at the final examination has the highest aggregate number of marks on all the sub Prizes in books will be given to:

The student who passes the best final examination. gold medallist cannot compete for this prize.)

The student who has the highest aggregate number of marks on all the primary subjects except Botany.

The student who passes the best examination in Botany.

The best dissector in the Senior class. The best dissector in the Junior class.

No prize will be awarded to any student unless he shall have been classed in Honors in all the subjects of examination. No student will be classed in Honors in any subject unless he has taken at least three-fourths of the whole number of marks that can be obtained. Certificates of Honor will be given to those students who have been classed in Honors in any subject, at any

DAYS AND HOURS OF LECTURES.

Hygiene	Anatomy	Mo		es.	Wedne	s. Thu		
Physiology 10	Hygiene	9		9				-
Practical Chemistry	Physiology	******	* *		*****	1	'	******
Medicine	Practical Chemistry		1	- 11	10	10		*****
Hospital	Medicine		1	:	*10			
Materia Medica	Hospital	10	1		11	11	11	1
Botany	Materia Medica	12	12	1	12	12	1 12	1
Surgery	Botany	2	2		2	2	2	
Minor Surgery	Surgery		1	i	3	******	3 .	1
Practical Histology	Minor Surgery		930	1	3		3	1
athology 5 5 5	didwifery	- 1						1
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These lectures are delivered during the months of January, February, and

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Principles and Practice of Medicineo	ne cours	12	
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Midwifery and Diseases of Women and Children	"	12	00
	"	12	
Anatomy	66	12	
Physiology	"	12	
Chemistry Materia Medica	"	12	
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Medical Jurisprudence	w	6	
Pathology Hygiene	"		00
	"		00
Botany and Zoology		9	VV
PRACTICAL CHEMISTRY (exclusive of appa-	"	10	00
gatus)		12	
PRACTICAL ANATOMY (Dissections)	"		-
PRACTICAL HISTOLOGY		16	
MATRICULATION		90	00
DEGREES (C.M., M.D.)			00
REGISTRATION		1	00
HOSPITAL FEES:			
Admission Ticket: six months \$8, twelve n	nonths	\$12	00
Perpetual Ticket			
Clinical Lectures on Surgery			
" Medicine		/12	00-
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SUMMER SESSION:		410	00
Complete course except Botany and Micro			
Field Botany			
Practical Microscopy	***************************************	D	00
Students are at liberty after having paid for			on
any subject to attend subsequent courses on the			
All fees must be strictly paid in advance. Tick			
only for such courses as have been paid for befor	e the end	Tor the	508-

sion during which the student attended the lectures.

LECTURES.

SESSION 1877—1878.

PRINCIPLES AND PRACTICE OF MEDICINE.

AARON H. DAVID, M. D., EDIN., L. R.C.S.E., D.C.L.

It is proposed in those 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 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, &c., 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, Esophagus, Stomach, Intestines, Liver and Gall-

Mesenteric Glands, and Perifoneum. Worms.

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. Diabetes.

FEVERS: Exanthemata, &c.

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

GENERAL DISEASES: Anæmia and Leucocythæmia. Rheumatism. Gout. Scurvy. Dropsy.

CUTANEOUS SYSTEM: Diseases of the Skin and appendages.

Every day, except Saturday, at 11 A.M.

Books recommended-Bristowe, Flint, Watson, Woods, Aitken,

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PRINCIPLES AND PRACTICE OF SURGERY.

BY

RICHARD A. KENNEDY, M.A., M D., C.M.

This course of lectures 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, Ulcers and Mortification.

DISEASE AND INJURY.—Wounds, Hæmorrhage, Bruises, Dislocation and Fractures.

SHOCK.—Tetanus, Traumatic Delirium, Erysipelas, Pyæmia and Poisoned Wounds.

Morbid growths, Tumors, Venereal disease.

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Special Surgery. These Lectures will include the following: Diseases of Joints, special forms of Fractures and Dislocations, Hernia.

Diseases of Arteries, Veins, Nerves, &c.

Injuries of the Skull and Face, Compression and Concussion.

Diseases of Eye, Orbit, Mouth, Nose, Throat, &c.

Diseases of Urinary and Generative organs, Lithotomy, &c.

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

Every day, except Saturday, at 3 P.M.

Text Books—Erichsen's Science and Art of Surgery.

Books of Reference—Holmes' System of Surgery, Miller, and
Gross.

MINOR SURGERY.

BY

G. F. SLACK, B.A., C.M., M.D., M.R.C.S., ENG.

During the session practical demonstrations will be given in bandaging, application of apparatus for setting fractures, bleeding, vaccinating, &c., &c.

PATHOLOGY AND MORBID ANATOMY.

GEORGE WILKINS, M.D., M.R.C.S., Eng.

These lectures are designed to teach the general principles of Pathology, and their application to special morbid changes in the more important organs of the body.

In the lectures embracing the Morbid anatomy of the various organs, Pathological Histology will be specially dwelt upon, showing that the coarser alterations in size, consistency, colour, &c., are based upon changes in their structural elements.

Particular attention will be devoted to the Pathology of the following subjects:

HYPERTROPHY-ATROPHY-REPAIR: of wounds, fractures, &c. The various forms of Degenerations and Infiltrations: Fatty Amyloid, Calcareous, and Pigmentary.

INFLAMMATION-of Mucous and Serous Membranes-of the Kidney, Liver, Lungs, &c.

BLOOD POISONING: Pyæmia, Septicæmia, Erysipelas, Carbuncle. TUBERCLE and TUBERCULOSIS-PHTHISIS.

Scrofula,—Syphilis,—Gout and Rheumatism,—Hysteria.

Tumours-Thrombosis-Embolism-Cancer.

The lectures will be illustrated by recent specimens and preparations from the museum, as well as by coloured plates and diagrams specially prepared for these lectures.

Every Tuesday and Thursday, at 5 P.M. Text Book-Green's Pathology and Morbid Anatomy.

Books of Reference-Pathological Histology by Rindfleisch. Surgical Pathology by Paget. Wagner's Manual of General Pathology.

PRACTICAL HISTOLOGY.

This will embrace a course of twenty-five demonstrations by Dr. Wilkins, on microscopic anatomy, physiology and pathology.

Students will be shown the different methods of hardening and softening, of staining and injecting the tissues for microscopical investigation, etc

Each student will be provided with a microscope and material for preparation, and shewn how to make sections, how to mount and preserve the specimens, etc.

Every Saturday, from 4 to 6.

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MIDWIFERY AND THE DISEASES OF WOMEN AND CHILDREN.

EDWARD H. TRENHOLME, M.D., C.M., B.C.L.

ANATOMY of Female Pelvis and Fætal Head, and Organs of Generation.

SPECIAL PHYSIOLOGY OF THE FEMALE: - Menstruction; Gen-

eration; Pregnancy, its signs and management.

PARTURITION: I. NATURAL LABOR; its general Phenomena;

Mechanism of Labor; Management of Women during Natural Labor; the Puerperal State; Anæsthetics during Labor.

II. UNNATURAL LABOR-From Causes retarding the Process

of Labor.

a. From Abnormal condition of expulsive force—Feeble, Irregular Uterine Action, &c.

b. From Atnormal condition of the Uterus and Soft Parts or of the Bony Pelvis, as in Rickets, Mollities Ossium, &c. Operations applicable to the above cases: -Application of the Forceps-Performance of Craniotomy-the Cæsarean Section-Induction of Premature labor.

c. From Abnormal condition of child-Excessive Size of the child, Hydrocephalus, &c., Malposition of the child-Plural

Births-Monsters-Operation of Turning.

III. COMPLEX LABOR. a. Labors especially hazardous to the Mother: -Rupture of Uterus or Laceration of Vagina Inversion of Uterus Retention of Placenta-Uterine Hæmorrhage, either Accidental or Unavoidable-Puerperal Convulsions.

b. Labors especially hazardous to the child: Prolapsus of

the Cord.

DISEASES OF THE PUERPERAL STATE :-Puerperal Fever-Phleg-

masia Dolens—Puerperal Mania.

DISEASES OF PREGNANCY:—Retroversion of the Uterus—Premature Expulsion of the Fœtus-Molar and Extra Uterine Pregnancy.

DISEASES OF THE UNIMPREGNATED STATE: - Disorder of the Menstrual Function-Diseases of the Uterus; of the Ovaries; of

the Vagina and External Organs.

DISEASES OF CHILDREN: - Amount and Causes of Infantile Mortality-Pecularities of Infantile Organization-General rules of the Investigation and Treatment of Infantile Disease.

Diseases peculiar to early Infancy and Childhood.

Every day, except Saturday, at 4 P.M.

Books recommended-Midwifery: Meadows, Leishman, Schroeder. Diseases of Women: Thomas, Barnes. Diseases of Children: Smith, Meigs and Pepper, West.

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MEDICAL JURISPRUDENCE.

(including Toxicology and Psychology.)

Jas. Perrigo, A.M., M.D., M.R.C.S., Eng.

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.

Special attention will be devoted to-

MEDICAL EVIDENCE-Medical Mal-practice.

Personal Identity-Identity of the Living and Dead. Determination of Age and Sex from Skeleton.

REAL AND APPARENT DEATH-Sudden Death.

DEATH OR INJURY from Apnœa, from Hanging, Drowning, Suffocation and Strangulation.

DEATH OR INJURY from Starvation, Cold, Lightning, Heat and Sunstroke.

Wounds and Personal Injuries-Homicidal, Suicidal and Accidental.

BURNS AND SCALDS.

Pregnancy-Infanticide, Fœticide, Rape.

Toxicology-Classification of Poisons, General Evidence of Poisoning and Diseases liable to be confounded with effects of

Poisons most Commenty in Use-Diagnosis, mode of detection, and treatment in each case.

LIFE INSURANCE.—Concealment of habits. Concealment of Disease.

Psychology.—Different forms of Insanity. Legal Relations. PATHOLOGY AND TREATMENT.

Monday, Wednesday and Friday, at 5 P. M.

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

Books of Reference-Beck, Wharton and Stillé, and Casper on Medical Jurisprudence; Maudsley on Physiology and Pathology of the Mind. Winslow on Brain and Mind.

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HYGIENE; OR, STATE MEDICINE.

BY

JEAN LUKIN LEPROHON, M.A., M.D., C.M.

The lectures on this subject, the importance and value of which is 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.

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

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

The following are some of the important subjects that will be treated:—

Food—Digestibility—Adulterations—Diseases connected with food.

WATER-The effects of impurities on public health.

VENTILATION—Quantity of air required, &c.

OFFENSIVE TRADES-Their management.

SEWERAGE-Influence on death-rate of cities.

MEDICAL STATISTICS.

PRISONS-REFORMATORIES.

PAUPERISM—CRIME—INSANITY.

The effect of CLIMATE on health.

Tuesdays and Thursdays, at 9 A.M.

Books recommended—Traité d'Hygiene, par M. Lévy; Practical Hygiene, by Parkes.

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PHYSIOLOGY.

BY

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

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. The following subjects will be described:—

The Structural and Chemical Composition of the Human Body.
The Principal Elementary Tissues: Epithelium, Areolar and
Fibrous Tissues, Adipose Tissue, Cartilage, Bone.

Serous, Synovial, and Mucous MEMBRANES.

The BLOOD.

The CIRCULATION: the structure and functions of the Heart, Arteries, Capillaries, and Veins.

RESPIRATION: the Anatomy of the Lungs and Air-passages.

DIGESTION, with a description of the Mouth, Teeth, Salivary Glands, Stomach, Intestinal Canal, Pancreas, and Liver. Food.

Absorption: Lymphatic Vessels and Glands; Lymph and Chyle—their relation to the Blood.

The blood-elaborating GLANDS: the Spleen, Thyroid, Thymus, Renal Capsules, &c.

NUTRITION, and the consideration of ANIMAL HEAT, &c.

SECRETION: the Kidneys, the Mammary Gland, and other Glands not elsewhere described.

The Skin and its Appendages.

Motion: Cilia, Muscle.

The Nervous System: the structure and functions of Nerves and Nerve-Centres, the Spinal Cord, Brain, &c.

The Physiology of the MIND. The SENSES. The Voice and Speech. Reproduction and Development.

Every day except Saturday at 10 a.m.

Books recommended-Kirke, Dalton, Marshall, Carpenter.

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DESCRIPTIVE AND SURGICAL ANATOMY.

BY

WILLIAM FULLER, M.D., C.M.

In the lectures of this course there will be exhibited the entire structure of the Human Body, arranged according to its various

Reference will be made, as occasion offers, to Surgical Diseases, and the relative position of parts will be dwelt upon so as to embrace Regional Anatomy. The lectures will be illustrated by careful dissections, preparations, plates, &c., and will be delivered in the following order:

I.—Osseous System and Joints.—This includes a description of the several bones composing the Skeleton, and of the Ligaments connecting them together so as to form Joints.

II.—Muscular System.—The attachment and function of Muscles, their action in regard to fractured bones, and their position as guides to Surgical operation, will be pointed out. In this part will also be given the Anatomy of the Perineum and of Inguinal and Femoral Hernia.

III.—VASCULAR SYSTEM.—Arteries and Veins. The relations of the Arteries and their more frequent peculiarities. Regional Anatomy will be described in this part of the course.

IV.—Nervous System.—Comprising the Brain, Spinal Cord, Cerebro-Spinal Nerves and Sympathetic.

V.—VISCERAL SYSTEM—The relative position of the different Viscera of the Thoracic, Abdominal, and Pelvic cavities will be explained and illustrated by sections made on the frozen subject.

Every day except Saturday, at 9 a. m.

Books recommended-Gray and Wilson.

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PRACTICAL ANATOMY.

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 from 4 to 6 and from 8 to 10 p.m., to direct and assist students in their dissections, and examine upon the work done in the room. The Dissecting Room is supplied with every requisite for the comfort and convenience of students, due regard being observed for sanitary measures. Every possible facility will be afforded the student in this most important depart-

Book recommended for use in the Dissecting Room-Ellis' Demonstrations of Anatomy.

PRACTICAL CHEMISTRY.

J. BAKER EDWARDS, Ph.D., D.C.L.

This course will be given during January, February, and March -two days a week-and will comprise a course of:/

QUALITATIVE ANALYSIS, with special reference to detection of poisons and adulterations; the nature and reactions of $\mathbf{H}_{\mathsf{EALTHY}}$

The Microscopical and Chemical Examination of URINARY DE-POSITS and CALCULI.

The Spectroscopic Examination of Blood, METALLIC BASES, &c. Demonstrations will be given on the use of the Microscope.

Students will provide themselves with a set of apparatus which has been selected by the Professor, and may be obtained for the sum of five dollars: also a note book.

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

Wednesday and Saturday, at 10 A.M.

Books necessary—Chambers' "Practical Chemistry." · Books recommended—Carpenter on the Microscope; Lankester's Half Hours with the Microscope; Beale on the Microscope.

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CHEMISTRY.

BY

C. A. WOOD, C.M., M.D.

The subjects included in this course will be taken up as follows:—
PHYSICS.—Properties and different Forms of Matter. Forces of
Nature. Different Varieties of Energy. Sound, Heat, Light,
Electricity. The Metrical System.

Introduction to Chemistry Proper.—Chemical action and force. Chemical Notation. Laws of Chemical Combination.

INORGANIC CHEMISTRY.—Lectures upon this part of the course will comprise a description of the various properties, modes of preparation of and tests for; (1) The non-metallic elements. (2) The principal Metals; and (3) The chief compounds of each member of the foregoing classes.

ORGANIC CHEMISTRY.—An attempt will be made to classify the many complex substances known as the Carbon Compounds by arranging them in suitable groups, special attention being paid to those which are commonly used in medicine or in the arts.

The lectures on Inorganic and Organic Chemistry will deal more particularly with those substances and compounds of special interest to students in Medicine and Pharmacy. Towards the end of the course a number of lectures will be devoted to Medical Chemistry. The whole subject will be illustrated by numerous experiments, charts and drawings, every facility being offered students of acquiring a thorough knowledge of this branch.

Every day, except Saturday, at 7 P.M.

Text Books—Balfour Stewart's "Lessons in Elementary Physics," Roscoe's "Elementary Chemistry," Attfield's Chemistry. Books also recommended—Fownes, Wilson's Inorganic Chemistry, Miller's Elements of Chemistry, and for reviewing, Kollmyer's Chemia Coartata.

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MATERIA MEDICA AND THERAPEUTICS.

ALEXANDER H. KOLLMYER, M.A., M.D.

The course of lectures will comprise a complete description of the history, preparation, manufacture, characteristic appearance, action on plants, the lower animals, and on man, together with the uses of all substances that are employed in medicine.

These subjects will be illustrated by plates, diagrams on the black-board, specimens, dried preparations, and the most complete cabinet of medicinal substances in Canada.

Experiments to detect impurities and adulterations, as well as to show the chemical reactions of each article, and carefully prepared microscopical preparations will be exhibited to the class.

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

Poisons will also be fully described—their modes of detection, as well as their appropriate antidotes.

Each substance will be considered with respect to

1.—Its nature—MATERIA MEDICA.

2.—Its preparation—PHARMACY.

3.—Its use and administration.—THERAPEUTICS.

These Medicaments will be arranged according to their origin from the Mineral, Vegetable or Animal Kingdom.

The Mineral Salts will generally be described under their respective basic elements, and the Vegetable substance according to a systematic arrangement founded on their chemical composition.

The concluding lectures will be devoted to the consideration of the products of FERMENTATION and DISTILLATION, such as Alcohols, Ethers, Chloroform, Chloral, Carbolic Acid, &c.

Every day, except Saturday, at 2 P.M.

Books recommended-Royle & Headland's Materia Medica; Garrod's Materia Medica; Pereira's Manual; Nelligan's Medicines; and the United States Dispensary.

The museum containing substances described in the Pharmacopœia, and plates of officinal plants, will be open daily.

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BOTANY AND ZOOLOGY.

BY

J. B. McConnell, M.D., C.M.

BOTANY.

Part I .- STRUCTURAL BOTANY.

Organs of Nutrition:

Root, or descending axis—character, forms, &c.

Stem, or ascending axis—Exogenous, Endogenous and Acrogenous, internal structure, how to distinguish from roots, buds, &c.

Leaves—Internal structure, Insertion and Phyllotaxis, vernation, venation, forms of leaves, simple and compound, &c.

Organs of Reproduction:
Flower—its different parts and their modifications, &c.
Infloresence—the various kinds, definite and indefinite.
Fruit—General characters, structure, dehiscence, &c.
Ovule Bud and Embryo—their structure and development.

Part II .- PHYSIOLOGICAL BOTANY.

Cell formation, multiplication and growth, absorption and transmission of fluids, Osmose, Cyclosis, &c.

Physiology of the Organs of Nutrition.

Root—Absorption, excretion, functions of the stem.

Leaves—Transpiration, respiration, assimilation, development,

Physiology of the Organs of Reproduction.

Reproduction of Phanogamous plants.

Fertilization and development of the ovule, germination, &c.

Food of Plants and its sources, circulation of the sap, &c.

Special Phenomena in the life of the plant.

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 especially directed to those orders containing medicinal 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, models, microscopical preparations and dried specimens.

ZOOLOGY AND COMPARATIVE PHYSIOLOGY.

1.—General Zoology—Under this heading will be considered the Histology, Comparative Anatomy, and Physiology of Animals.

2.—Descriptive Zoology.—Including principles of classification.

Every Monday, Wednesday, and Friday, at 3 p. m.

Books recommended.—Dr. Gray's Structural and Systematic Botany, Bentley's Manual of Botany, Balfour, sacks, Dawson's Manual of Zoology, Nicholson's Zoology.

SUMMER SESSION, MAY 1st TO JULY 31st, 1878.

PHYSICAL DIAGNOSIS.

DR. F. W. CAMPBELL, PROFESSOR OF PHYSIOLOGY.

Topography of Chest Wall; Inspection; Palpation; Mensuration; Succussion; Percussion; Auscultation; Physical signs in Pulmonary, Cardiac and Abdominal Diseases; Aneurism of the Thoracic Aorta and Arteria Innominata; Epigastric Pulsation; Subclavian Murmurs; Venous Pulsations and Murmurs, &c., &c.

Mondays, 10 a.m., at the College.

DISEASES OF WOMEN.

DR. TRENHOLME, PROFESSOR OF MIDWIFERY.

Rational signs of disease; management of patient during physical examination; bi-manual palpation; abdominal palpation conjoined with use of sound; exploration of rectum and vagina; use of speculum, sound, and probe; introduction of tents; hyperplasia and tumors of uterus; uterine luxations; ulcerations of cervix; leucorrhœa; pelvic abscess; rupture of perineum; vesico-

Tuesdays, 11 a.m., at Woman's Hospital.

PRACTICAL PHARMACY.

DR. A. H. KOLLMYER, PROFESSOR OF MATERIA MEDICA.

Pulverization (a) By Contusion; (b) by Trituration; (c) by Grinding; (d) by Fusion; (e) by Porphyrization; Mediate Pulverization; -Levigation; Granulation; Elutriation; Sifting; Decanting; Deposition; Defœcation; Filtration; Percolation; Expression; Clarification or Despumation; Skimming; the Water-bath; the Sand-bath; Fusion; Solution; Maceration; Digestion; Vapo rization; Ebullition: Distillation; Sublimation; Condensation; Congellation; Precipitation; Crystallization; Deliquescence and Efflorescence. Pharmaceutical preparations. Powders, Electuaries, Pills, Suppositories, Lozenges, Poultices, Ointments, Plasters, Extracts, Lotions, Liniments, Mixtures, Infusions, Decoctions, Tinctures, Wines, Syrups, Enemas, Hypodermic injections, Gargles, Collyria, Vapors and Inhalations. Illustrated by plates,

Fridays, 2 o'clock at the College.

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FIELD BOTANY.

DR. J. B. McConnell, Professor of Botany.

This course will consist of the following exercises: -Localities n the vicinity of Montreal will be visited each Saturday afternoon. On these occasions the student will be taught the method of letermining the different species collected—how to prepare them or mounting. Microscopic demonstrations of the minute parts of plants, and the lower cryptogams, will be given. Lectures onystematic botany occasionally.

Every Saturday, at 2 p.m. Meet at College. Fee \$5.00.

MINOR SURGERY.

DR. G. F. SLACK, LECTURER ON MINOR SURGERY.

Bloodletting; bandaging; application of splints; modes of dressing wounds, ulcers, &c. Surgical anatomy, practically illustrated upon cases under treatment at Montreal Dispensary. Vaccination.

Thursdays, 11 a.m., at Dispensary.

DISEASES OF THE THROAT.

DR. DONALD BAYNES, LECTURER ON DISEASES OF THE THROAT.

The Laryngoscope, description, history, and use; diseases of the fauces, pharynx, œsophagus and larynx; neuroses of the larynx; morbid growths; goitre; diseases of the mouth and tongue; maladies of dentition; practical illustrations of the use of Instruments in throat diseases.

Thursday, 3 p.m., at College.

DISEASES OF THE EYE AND THE EAR.

DR. ALEX. PROUDFOOT, LECTURER ON OPHTHALMOLOGY AND OTOLOGY.

Practical use of the ophthalmoscope; diseases and injuries of the eye usually met with in every-day practice-illustrated by numerous cases. A few practical lessons on the diagnosis and treatment of diseases of the Ear.

Wednesdays, 11 a.m., at Dispensary.

MEDICAL ELECTRICITY.

BY

DR. WM. FULLER, PROFESSOR OF ANATOMY.

Electro-Physics; construction of batteries, induction coils, electromagnetic and thermo-electric machines, also electric connections and instruments. Electro-physiology, Electro-therapeutics, Electrotherapeutics, Electrosecurions, Electrolysis, application of electricity to surgical operations.

Friday, 3 p.m., at the College.

PRACTICAL PHYSIOLOGY.

BY

DR. GEO. WILKINS, PROFESSOR OF PATHOLOGY.

This course will consist of a series of experiments on animals, illustrating the functions of the various nerves, &c. The experiments will be made by means of apparatus specially prepared for this Laboratory in England, France and Germany. All animals will be rendered insensible before experimenting on them.

Every Wednesday, 4 to 6 p.m.

PRACTICAL MICROSCOPY.

BY

PROFESSOR J. BAKER EDWARDS.

A course of 12 Demonstrations, Saturdays, 11 a.m.—Fee, \$5.

Clinical Instruction given at Montreal General Hospital, Hotel Dieu Hospital, and Woman's Hospital, also at the Montreal Dispensary, by the Attending Medical Staff.

Students will have the opportunity of attending all the postmortems made in the Autopsy room of the Montreal General Hospital.

Students desirous of attending the above Course must register their names with the Registrar of the College not later than the 1st of May. Fee for the Entire Course—excepting Field Botany and Practical Microscopy—will be ten dollars, payable on Registration, which, for the Summer Session, is free. The Fee for Field Botany, \$5.00. Practical Microscopy. \$5.00.

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STATUTES

OF THE

UNIVERSITY OF BISHOP'S COLLEGE,

RELATIVE TO THE GRADUATION IN MEDICINE AND SURGERY.

I. 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 on any person who does not also at the same time obtain the degree of Doctor in Medicine.

II. The preliminary examinations shall be upon the following branches of extra medical education, viz., English, French, Latin, Arithmetic, Algebra, Geometry, History, Belles-Lettres, and one of the following optional subjects, Greek, Natural and Moral Philosophy, which examination each student will have to undergo prior to the commencement of his medical studies.

III. A degree in Arts, not being an honorary one, of any recognized University or its equivalent, exempts from the preliminary examination.

IV. No one can be admitted for examination for the degrees of Master of Surgery and Doctor in Medicine who has not been engaged uninterruptedly in medical and surgical study for four years; but a certificate of having studied one full year with a duly licensed practitioner will reduce the period of study at the University to three sessions.

V. At the commencement of every session each student must enrol his name and residence in the register of the Medical Faculty, and obtain from the Registrar a ticket of Matriculation.

VI. The Matriculation Books of the Registrar shall be closed on the first day of December in each year.

VII. No student can obtain his ticket from any of the professors without having previously obtained his Matriculation ticket.

VIII. Every candidate for graduation in Medicine and Surgery must give sufficent evidence, by certificates—

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- 1. That he has 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, Midwifery and the Diseases of Women and Children, Chemistry, Materia Medica and
- 2. That he has attended one six months course or two three months courses of Medical Jurisprudence, one six months course of Pathology, one three months course each of Botany, of Hygiene and also of Practical Chemistry and Microscopy, and also a course of not less than twenty-five demonstrations upon Microscopic Anatomy, Physiology and Pathology.
- 3. That he has attended not less than two six months courses of Clinical Medicine
- 4. That he has attended two six months courses of Practical Anatomy.
- 5. That he has 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 he has been engaged for at least six months in compounding and dispensing medicines at a Hospital, a Dispensary, or with a
- 6. That he has attended at least six cases of midwifery, either in a lying-in-hospital, or in private practice under the supervision of a regular medical
- IX. Out of the four years of medical and surgical study required by Chause IV. one full course on each branch mentioned in Sections 1, and 2, Clause VIII., must
- X. Courses of less length than the above (Clause VIII.) will only be received for the time over which they have extended.
- XI. Every candidate for the Degree must on or before the first day of March deliver to the Dean of the Medical Faculty-
- 1. A declartion, in his own handwriting, that he has completed his twenty-first year of age (or that he will have done so before the day of graduation).
- 2. A statement of his studies, accompanied with proper certificates.
- XII. Every candidate shall be examined both in writing and viva voce. The examinations are divided into Primary and Final.
 - a. The Primary, comprehending, Anatomy, Chemistry, Practical Chemistry, Materia Medica, Physiology, and Botany or Zoology.
 - b. The Final-Practice of Medicine, Surgery, Midwifery and the Diseases of Women and Children, Medical Jurisprudence, Pathology and Hygiene.
- XIII. Candidates may, if they choose, be admitted to examination on the Primary Branches at the end of the third year of their study. The Final Examination shall not take place until the candidate has completed his fourth year of

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REGULATIONS.

1st. The Session of each year will commence on the first Wednesday in October, and with the exception of a vacation at Christmas, will continue to the end of March.

2nd. Each Professor shall deliver one hundred and twenty lectures, except those of Clinical Medicine, Clinical Surgery, Pathology, Hygiene, and Practical Chemistry, of which only two lectures a week will be required; Botany, of which three lectures a week will be required; Medical Jurisprudence, if extending through six months, three lectures a week.

3rd. Each lecture shall be of one hour's duration.

4th. Written or oral examinations shall 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.

5th. Each Professor shall, at intervals, call a roll of the names of the students attending his class.

6th. 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.

FEES.

- 1. The fee for the class of Medical Jurisprudence shall be \$10; Pathology and Hygiene, \$6 each; Botany and Zoology, \$5; Practical Anatomy, \$5; Practical Histology \$16, and that of all the other classes, \$12 each. The annual fee for Matriculation will be \$2.
- 2. Any student having paid the fees, and attended two courses of lectures in any class, shall be entitled to a perpetual ticket for the same.
- 3. The fee for the degree of Master in Surgery and Doctor of Medicine shall be \$20, to be paid by successful candidates, together with the registration fee of \$1.
 - 4. All fees must be paid in advance.

OATH.

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

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.

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Examinyear of

SESSION 1876-77.

The total number of matriculated students during the past session was forty-six, being the largest number in attendance since the establishment of the Faculty. Their names and addresses are as follow:

Robert Tyre MacDonald, Montreal George Tillery Ross, Montreal Charles John Stansby Remode. W	Q.
Charles John Stansby, BermudaW. Charles Wm. Thiele, BermudaW. Rodolph Edgar Leprohon, Montreal Horatio Nelson Cartis Daniel	I.
John Keily, Montreal	2.
Louis Henry Ulric Gill, PierrevilleQ	
Charles E. D. Comeau, River David. Q	
Homer Elihu Mitchell, BedfordQ Edward A. Gravely, CornwallO Casey Albert Wood, OttawaO William Young, Montreal	. J
William Young, MontrealQ.	J
W. F. Picard, Rouses Point, N.Y U.S.	H
Joseph Labonté, MontrealQ. John Jos. Cauley, Norwich, ConU.S.	T
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	Charles Raphael Belle, Montreal. Q Arsène H. Monseau, Nicolet. Q John McSorley, Jarvis. Q Denis Gaherty, Montreal. Q Frs. Jos. Euclide Tetreault, St. Pie. Q Geo. Washington Nelson, Montreal. Q Hugh Mossman Gall, Bedford. Q John Henry Lyster, Durham. Q Joseph Ed. McDonald, Nicolet. Q Joseph Ed. McDonald, Winnipeg. M John Botterell Tressider, Montreal. Q Frederick Louis St. Onge, St. Mary's. Q H. Fuller, Grand Rapids, Michigan. U.S James T. McCaffrey, Nicolet. Q Joseph Churchill Patton, Montreal. Q H. M. Tallman, Ogdensburg, N.Y. U.S. Robert H. Boyd, Ogdensburg, N.Y. U.S.	֡
1	Robert U. D U.S.	
١.	Thomas Edward Hayes, Montreal	
	Joseph Larivière, Manville, R.I U.S. Adolphe Ferd. Lalonde, Montreal Q.	
	atomitealQ.	

PRIMARY EXAMINATIONS.

The examination in Botany was held on March 15th, and was passed by

Henry	В,	Cha	andler,
James	Le	slie	Foley,

George W. Nelson, George O. Gernon, Rodolphe E. Leprohon, Joseph Seguin, John McSorley.

The examinations in Chemistry and Practical Chemistry were passed by

Homer	E	Mitchell
Willian	. V	миспен
Denis G	1 1	oung,
Denis G	ran	erty,

H. C. Fuller, J. W. Dugald McDonald, C. E. D. Comeau,

Rodolphe E. Leprohon, John Jos. Cauley, John McSorley.

Examinations were held on all the subjects of the Primary Examination March 22nd and 23rd, and were passed by

George W. Nelson.

Messrs. Mitchell, Fuller,

Boyd, Young,

Cauley, McLeod,

McDonald, Curtis. This
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Casey A. Edward A Robert Had John McL Horatio N.

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This Examination was held on Weduesday and Thursday, the 28th and 29th of March, and was successfully passed by the following gentlemen:—

Casey A. WoodOttawa,	ThesisDiabetes.
Edward A. Gravely Cornwall,	"Pneumonia. ©
Robert Hamilton Boyd Ogdensburg, N.Y.	Post partum Hæmorrhage
John McLeodLingwick,	" Phthisis.
Horatio N. CurtisDunham,	"Typhoid Fever.
Thomas Edward Hayes, Montreal,	"Mania.

The Convocation of the University for conferring degrees in Medicine was held on Thursday, the fifth day of April, when the degrees of C.M., M.D., were conferred on the gentlemen above named, who successfully passed their final examination. The adeundem degree of M.D., was conferred by the University on Drs. Donald Baynes and Alexander Proudfoot, both of Montreal, lecturers in the Faculty of Medicine of this University.

The Valedictory Address to the students on behalf of the Faculty was delivered by Professor Trenholme, and that on behalf of the students by Dr. Casey A. Wood.

PRIZES.

The following Prizes were awarded:

Botany prize	
Practical Anatomy, ju	nior prizeHenry B. Chandler. "
	cal Anatomy. Homer E. Mitchell, Bedford, Q.

The following gentlemen received Honorable Mention: Rodolphe E. Leprohon and Denis Gaherty, in practical chemistry; John Joseph Cauley, Primary Examination; and Edward A. Gravely, Final Examination.

STUDENTS WHO HAVE OBTAINED HONORS IN MEDI-CINE IN THIS UNIVERSITY.

AHERN (JOHN.) HUNTER (WILLIAM M.) 1872. Practical Anatomy, Hon'le Mention. 1874. Final Examination, Honorable CAULEY (JOHN J.) Mention. 1876. Anatomy, Special Prize. LEMIEUX (ISPIAEL) 1877. Primary Examination, Honorable 1874. Final Examination, Honorable Men-Mention. tion. CHANDLER (HENRY B.) LATOUR (ANDRE.) 1877. Botany, Prize. 1872. Final Examination, Prize. Practical Anatomy, Prize. LAWRENCE (FREDERICK C.) COSTIGAN (ROBERT.) 1873. Final Examination, Honorable Men-1872. Practical Anatomy, Junior Prize. Physiology, Junior Prize. LEPROHON (RODOLPHE E) 1873, Physiology, Prize. 1877. Practical Chemistry, Honorable 1874. Final Examination, Prize. Mention. COQUILLETTE (W. E.) MEAGHER (HUGH A.) 1873. Practical Anatomy, Junior Prize. 1876. Practical Anatomy, Senior Prize. DAVIS (JOHN T.) Primary Examination, Honorable 1875. Primary Examination, Prize. Mention. Final Examination, Prize. MITCHELL (HOMER E.) 1876. Practical Anatomy, Junior Prize. DUBUC (GODFROI.) 1877. Primary Examination, Prize. 1872. Practical Anatomy, Senior Prize. Practical Anatomy, Special Prize. Physiology, Senior Prize. Primary Examination, Prize. PALMER (JCSEPH L) 1873 Final Examination, Honorable Men-1873. Practical Anatomy, Second Junior Prize SPENCER (Richmond.) GAHERTY (DENIS.) 1872. Practical Anatomy, Honorable Men-1876. Botany, Honorable Mention. 1877. Practical Chemistry, Honorable tion. SHAW (GEORGE BEGG.) Mention. 1873. Primary Examination, Prize. GODFREY (Robert F.) Final Examination, Prize. 1873. Practical Anatomy, Senior Prize. Physiology, Prize. Final Examination, Hon'le Mention. VENNER (JOSEPH A.) GRAVELY (EDWARD A.) 1874. Final Examination, Honorable 1876. Primary Examination, Honorable Mention. Mention. WOOD (CASEY A.) 1877. Final Examination, Honorable 1876. Primary Examination, Prize. Mention. 1877. Final Examination, Prize. HART (DAVID A.) Young (WIILLIAM.) 1874. Final Examination, Honorable 1875. Practical Anatomy, Junior Prize. Mention. 1877. Primary Examination, Prize.

NAME

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NAMES AND ADDRESSES OF GRADUATES IN MEDICINE OF THIS UNIVERSITY.

1875 Benoit, Frederick Montebello,		Q
1877 Baynes, D., M.A., L.R.C.S.Edin., ad eundem. Montreal,		Q
1877Ogdensburg,		U.S
1871 Campbell, F. W., L.R.C.P.Lond, adeundem Montreal		Q
1874 Costigan, Robert Indiana lin	Ind	** 0
1872	Ind	U.S
1877 Curtis, Horatio N	,	Q.
1871 David, A. H., L.R.C.S. E., ad eundem Montreal		Q.
1875 Davis, John T Barbadoes	West	Indies.
1872 Désilets, Philip A Three Rivers		Q.
1873 Dubuc, Godfroi Sutton Flats		Q.
1874 Duclos, E. A St. Pie.		Q.
1874 Eneas, Jeremiah Georgetown		W.I.
1873 Fontaine, Isaac St. Barnabie		Q.
1875 Fuller, William, ad eundem		Q.
1871 Gardner, William, ad eundemMontreal.		Q.
1871Godfrey, Robert T. adeundemMontreal.		Q.
1873Montreal		Q.
1877 Gravely, Edward ACornwall.		Ont.
1874 Hart, David A Bedford		Q.
1877 Hayes, Thomas Edward Montreal,		Q.
1871		Q.
1874Ottawa,		Ü.
1871Kennedy, R. A., ad eundemMontreal.		Q.
1873 Kollmyer, A. H., ad eundemMontreal,		Q.
1874 Lafontaine, Charles Chambly,		Q.
1872Gentilly,		Q.
1872 Latour, André A		Q.
1873 Lawrence, Frederick ChBury,		Q.
1874St. Etienne,		Q.
1871 Leprohon, J. L., ad eundem Montreal,		Q.
1873MacDonald, WilliamMontreal,		Q.
1874Quebec,		Q.
1877Lingwick,		Q.
1872Montreal,		Q.
1873Peltier, Gaspard-U		U.S.
1873 Perrigo, James, ad eundem Montreal.		Q.
1875Pidgeon, Joseph APercé, Gaspé.		Q.
1877 Proudfoot, Alexander, ad eundem Montreal,		Q.
1873 Robillard, Edmond, ad eundem Montreal.		Q.
1874Chateauguay, N	.Y.,	U.S.
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1873 Shaw, George Begg	ς
1874 Shee Patrick Arthur Inverness,	
1876Gaspé Basin,	Ç
1873 Slack, George F., M.R.C.S. Eng Montreal,	Ç
1874St Germain, ValmoreSt Hyacinthe,	Ç
1871 Tabb, S. E., ad eundem Sherbrooke,	Ç
1371 Trenholme, E. H., adeundem Montreal,	Ç
1874Quebec,	Ç
1872 Webber, Richard NRichmond,	C
1871 Wilkins, George, M.R.C.S. Eng., ad cundem. Montreal,	(
1877 Wood, Casey A Ottawa,	(
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EXAMINATION PAPERS,

SESSION 1876-1877.

PRIMARY EXAMINATION.

BOTANY.

THURSDAY, MARCH 15тн, 1877:-9 то 12 а.м.

Examiner.......PROFESSOR J. B. McCONNELL, M.D., C.M.

- 1. Describe the different kinds of indefinite inflorescence.
- 2. What names are applied to the circle of organs in a typical flower, and to the parts of which they are composed?
 - 3. Describe the dehiscence of the anther, pollen, and pericarp.
- 4. Name the different kinds of simple fruits and distinguish between aggregate, accessory, and multiple fruits.
- 5. Name the different elements found in plants, and describe the process by which the plant obtains its carbon and nitrogen.
- 6. Name the different kinds of gamopetalous corolla, and describble papilionaceous corolla.
 - 7. Explain the terms anatropous, syncarpous, Bract, didynamous, micropyle.
- 8. Describe the process of fertilization and formation of the Embryo in phoenogamous plants.
 - 9. Describe the process of fertilization in Ferns and Mosses.

MATERIA MEDICA AND THERAPEUTICS.

THURSDAY, 22ND MARCH, 1877:-9 TO 11 A.M.

Examiner, Professor A. H. Kollmyer, M.A., M.D.

- 1. State the difference between a Narcotic and a Stimulant.
- 2. Describe the different Pharmacopiœal salts of Ammonia, and give their various actions.
- 3. What are the preparations of Antimony that are officinal?
- 4. Give the modes of preparing Black, Yellow and Red washes.
- 5. Of the following, which renders the urine most Alkaline, Liquor Potassæ, Potassæ Carb. or Potassæ Bi-carb.?
 - 6. Give the composition of Liq. Arsenicalis, its dose and uses.

CHEMISTRY.

THURSDAY, 22ND MARCH, 1877 :-- 11 A.M. TO 1 P.M.

Examiner, Professor George Begg Shaw, C.M., M.D.

- 1. Define the following terms: Actual and Potential Energy, Temperature and Heat, Dynamic and Static Electricity, Gravity and Specific Gravity.
- 2. Explain the meaning of Fire-damp, Choke-damp and After-damp. Also the modus-operandi of the Davy-lamp in preventing an explosion.
- 3. Show by equations how Hydric Sulphate and the Nordhausen Acids are made. Also how Sodic Carbonate is manufactured.
 - 4. State what you know about the Metal Aluminum.
- 5. State the conditions necessary for the production of Fermentation. How many kinds of Fermentation are there, and what are the products in each case?
- 6. What chemical changes take place in urine upon standing, and what crystalline deposit would you expect to find in ammoniacal urine?

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ANATOMY.

THURSDAY, 22ND MARCH, 1877:-3 TO 5 P.M.

Examiner, Professor William Fuller, M.D., C.M.

- 1. What parts pass through the foramina of the sphenoid bone, including the sphenoidal fissure?
- 2. Give the relations of the parts which fill up and pass through the superior opening of the chest.
- 3. Give the ligaments of the shoulder-joint; nerves and arteries which supply it, and the muscles, in order, which are in immediate relation to the articulation.
- 4. What are the attachments, relations, openings and nervous supply of the diaphragm?
- 5. Give the coverings of femoral hernia and the unusual course of any vessel affecting the operation for its reduction.
 - 6. What is the distribution of the femoral artery in the thigh?

PHYSIOLOGY.

THURSDAY, 22ND MARCH, 1877 :- 8 TO 10 P.M.

Examiner, F. WAYLAND CAMPBELL, M.A., M.D., L.R.C.P. LONDON.

- 1. Name the chemical constituents of the Human Body. State how they are divided, and where each is found.
 - 2. Describe the mammary gland in the female and the sccretion of milk.
- 3. Give the various theories as to the cause of the first and second sound of the heart.
 - 4. Name and describe the Physical properties of tissues.
 - 5. Describe the Physiological anatomy of the large intestine.
- 6. What is understood by the terms (1) Residual air, (2) Reserve air, (3) Tidal air, (4) Complemental air.

FINAL EXAMINATION.

PRACTICE OF MEDICINE.

WEDNESDAY, 28TH MARCH, 1877 :- 2 TO 4 P.M.

Examiner, Professor A. H. David, M.D., Edin., L.R.C.S.E., D.C.L.

- 1. Describe the Physical Signs of Pleuritis with effusion, and give its treatment, mentioning when Paracentesis should be resorted to.
- 2. Give the Symptoms of Pneumonia in the Adult, and describe its several stages.
 - 3. Describe Hypertrophy of the Heart, and mention its varieties.
- 4. Give the Symptoms and Prognosis of Bright's disease of the Kidneys, both Acute and Chronic.
- 5. What are the different forms of Enlargement of the Spleen, and the circumstances under which they occur?
 - 6. Describe Hæmorrhage into the Brain (Apoplexy) and its treatment.

SURGERY.

Wednesday, 28th March, 1877:—2 to 4 p.m.

- 1. How are Tumors classified; give the diagnostic differences between each class, and describe the progress of Scirrhus of the Mammary Gland.
- 2. Describe the different degrees into which Burns are divided; give the symptoms, complications and treatment.
 - 3. What are the causes, symptoms and treatment of Pyæmia?
- 4. Hæmorrhage; how would its source be distinguished, and explain the methods used in arresting arterial bleeding.
- 5. Describe Cerebral Concussion; give the symptoms which would indicate the occurrence of extravasation.
- 6. Describe the different forms of Inguinal Hernia; also the symptoms and treatment of strangulation and the subsequent complications which may follow that condition.

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PATHOLOGY.

WEDNESDAY, 28th March, 1877: -9 to 10 a.m.

- 1. Which is the more serious, fatty degeneration of the small or large blood vessels? Give reasons for answer.
- 2. Explain the increased formation of urea in fever. What parts are most affected by the process? Give especially its source, where formed, and how eliminated.
 - 3. Give the pathological Histology of Cirrhosis of the Liver
- 4. What is amyloid degeneration? In what diseases is it frequently found to be present?

MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN.

WEDNESDAY, 28TH MARCH, 1877:-4 TO 6 P.M.

Examiner..... Professor E. H. Trenholme, M.D., B.C.L.

- 1. What are the local causes of tedious labor during the first stage? Give the treatment for each form of delay.
- 2. How would you recognize shortening of the cord during the second stage of labor? How would you manage such cases?
- 3. When should pelvic version be performed? Describe the modes of operating, and under what circumstances one form of version is preferable to another—also, what difficulties are apt to occur after version in the second stage of labor, and how would you avoid or rectify them?
- 4. What are the causes of vesico-vaginal fistulæ? Describe the different forms, and their proper mode of treatment.
- 5. How would you distinguish between malignant and non-malignant tumors of the breast? Give the appropriate treatment for milk abscess.
- 6. Pneumonia in children—with what diseases is it apt to be confounded? Give its complications and treatment.

MEDICAL JURISPRUDENCE.

WEDNESDAY, 28TH MARCH, 1877: -8 TO 9.15 P.M.

Examiner,......PROF. JAMES PERRIGO, M.A., M.D., M.R.C.S, Eng.

- 1. What do you understand by the term "Expert," and give instances where the services of one would be required.
- 2. What are the signs of death by drowning, and under what circumstances would you consider such a death suspicious?
 - 3. What would be the physical signs of rape upon a child of 12 years.
- 4. Explain the terms illusion, delusion and hallucination. Give examples of each

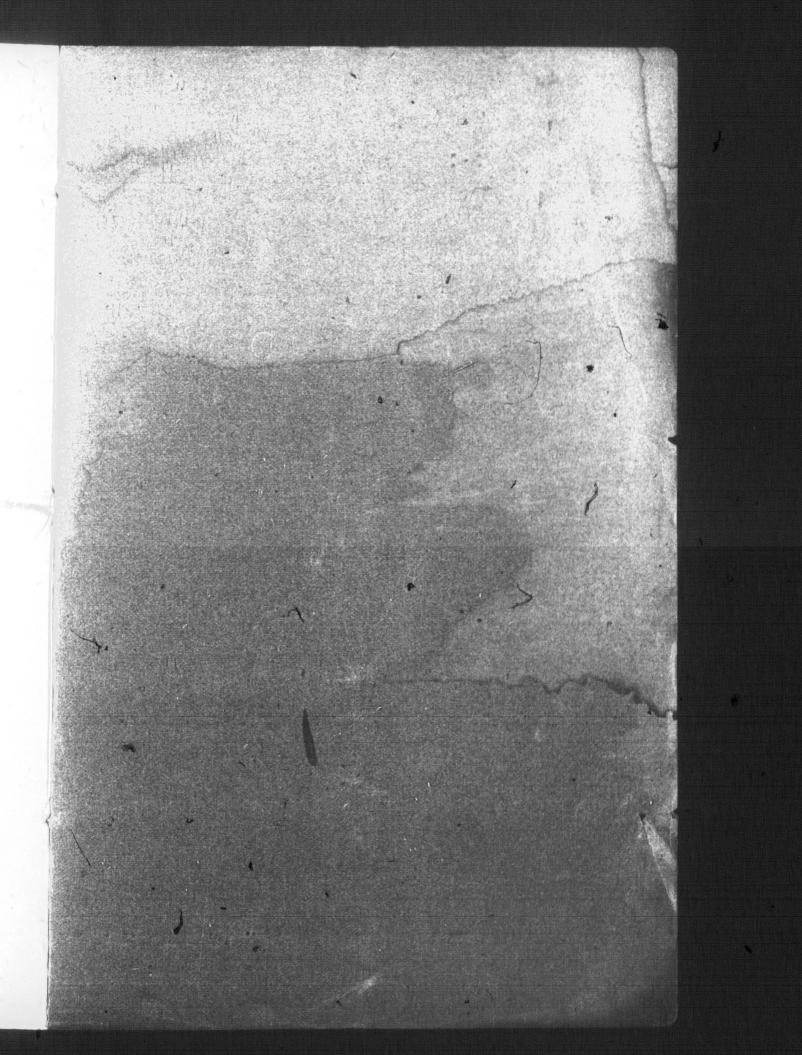
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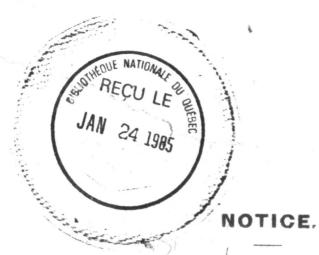
WEDNESDAY, 28TH MARCH, 1877:—12 TO 1 P.M.

Examiner,..... Professor Jean L. Leprohon, M.A., M.D.

- 1. Describe means to be adopted for the disinfection of houses and effects in contagious diseases.
- 2. Enumerate diseases propagated in over-crowded and ill-ventilated schools.
- 3. What precautions should be taken in burials of persons dying from contagious diseases?

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Convocation for conferring Degrees in Medicine in this University, will for the future, be held in Montreal.

