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UNIVERSITY
OF
BISHOP'S COLLEGE.

ELEVENTH ANNUAL ANNOUNCEMENT
OF THE
FACULTY OF MEDICINE
MONTREAL.

SESSION 1881-82.



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1881.

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All communications relating to the Medical Department of this University should be directed to the Registrar of the Medical Faculty, DR. F. W. CAMPBELL, 10 Phillips Place, Beaver Hall.

Students, on arriving in this city, should call upon the above gentleman, who will impart all necessary information.

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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.

R. W. HENEKER, Esq., D.C.L., Chancellor ; The Rev. CANON NORMAN, D.C.L.,
Vice-Chancellor.

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The Rev. J. A. LOBLEY, D.C.L., Principal and Professor of Classics, and acting Professor of Mathematics.
The Rev. P. READ, Professor of Moral Philosophy and Rector of Junior Department.
The Rev. HENRY ROE, M.A. Professor of Divinity.
The Rev. A. C. SCARTH, M.A., Professor of Ecclesiastical History.
The Rev. A. C. SCARTH, M.A., Librarian.
E. CHAPMAN, Esq., M.A., Bursar.

Faculty of Medicine.

- A. H. DAVID, M.D.,** *Edin., L.R.C.S.E., D.C.L., DEAN, EMERITUS*
PROFESSOR OF PRINCIPLES AND PRACTICE OF MEDICINE,
CONSULTING PHYSICIAN WOMAN'S HOSPITAL, 42 *Beaver*
Hall Terrace.
- F. W. CAMPBELL, M.A., M.D., L.R.C.P., Lond.,** REGISTRAR,
PROFESSOR OF PRINCIPLES AND PRACTICE OF MEDICINE,
CONSULTING PHYSICIAN MONTREAL DISPENSARY, PHYSICIAN
TO WOMAN'S HOSPITAL, 10 *Phillips Place, Beaver Hall.*
- J. B. EDWARDS, Ph.D., D.C.L.,** EMERITUS PROFESSOR OF PRACTICAL
CHEMISTRY AND MICROSCOPY, *Beaver Hall Hill.*
- R. A. KENNEDY, M.A., M.D., C.M.,** PROFESSOR OF MIDWIFERY
AND DISEASES OF WOMEN, CONSULTING PHYSICIAN MONTREAL
DISPENSARY, PHYSICIAN TO WOMAN'S HOSPITAL, 139
Bleury Street.
- G. WILKINS, M.D., M.R.C.S., Eng.,** PROFESSOR OF PHYSIOLOGY
AND PATHOLOGY, LECTURER ON PRACTICAL HISTOLOGY,
PHYSICIAN TO MONTREAL GENERAL HOSPITAL AND
WOMAN'S HOSPITAL, 167 *St. Antoine Street.*
- A. H. KOLLMYER, M.A., M.D.,** PROFESSOR OF MATERIA MEDICA
AND THERAPEUTICS, LECTURER ON PRACTICAL PHARMACY,
PHYSICIAN WOMAN'S HOSPITAL, 239 *Bleury.*
- J. PERRIGO, A.M., M.D., C.M., M.R.C.S., Eng.,** PROFESSOR OF
SURGERY, PHYSICIAN WOMAN'S HOSPITAL, 163 *Bleury Street.*
- J. B. McCONNELL, M.A., M.D., C.M.,** PROFESSOR OF BOTANY,
LIBRARIAN, PHYSICIAN WOMAN'S HOSPITAL AND MONTREAL
DISPENSARY, 157 *Bleury Street.*
- CASEY A. WOOD, C.M., M.D.,** PROFESSOR OF CHEMISTRY, PHYSICIAN
WOMAN'S HOSPITAL, 531 *Wellington Street.*
- GEORGE E. ARMSTRONG, M.D.,** PROFESSOR OF ANATOMY,
PHYSICIAN WOMAN'S HOSPITAL, 540 *St. Joseph Street.*
- JAMES C. CAMERON, M.D., C.M., M.R.C.P.I.,** PROFESSOR OF
MEDICAL JURISPRUDENCE, LECTURER ON DISEASES OF
CHILDREN, PHYSICIAN TO MONTREAL GENERAL HOSPITAL
AND WOMAN'S HOSPITAL 749 *Dorchester Street.*
- THOMAS SIMPSON, M.D.,** PROFESSOR OF HYGIENE, PHYSICIAN
MONTREAL GENERAL HOSPITAL AND WOMAN'S HOSPITAL,
4 *Phillips Place.*
- JOSEPH BEMROSE, F.C.S.,** LECTURER ON PRACTICAL CHEMISTRY,
15 *Pluteau Street.*
- ALEXANDER PROUDFOOT, M.D., C.M.,** LECTURER ON DISEASES
OF THE EYE, EAR AND THROAT, 37 *Beaver Hall Terrace.*
- A. LAPHORN SMITH, B.A., M.D., M.R.C.S., Eng.,** DEMONSTRATOR
OF ANATOMY, LECTURER ON MINOR SURGERY, *Dorchester St.*
- JAMES LESLIE FOLEY, C.M., M.D.,** ASSISTANT DEMONSTRATOR OF
ANATOMY.
- ANTHONY KERRY, C.M., M.D.,** CURATOR OF MUSEUM, 139
Bleury Street.

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THE
Faculty of Medicine

OF THE

UNIVERSITY OF BISHOP'S COLLEGE

Will open their eleventh session, in Montreal, on Tuesday, the fourth day of October, 1881.

The regular lectures will commence on that date at the hours specified in the time table, and, with the exception of a short vacation at Christmas, the session will continue to the end of March.

A pre-session course of lectures, commencing on Thursday, the first of September, will be delivered to all students of the University free of charge. As this course will embrace many important subjects, students are strongly recommended to attend.

The Faculty of Medicine of Bishop's College bases its claim for public support upon the thoroughly practical character of its instruction, and the fact that the means at its disposal for this purpose are not excelled by any medical school in Canada. Each department is furnished with the most modern and improved appliances. The College contains a museum, library and laboratories for Practical Physiology, Practical Chemistry and Microscopy. The Physiological Laboratory is specially furnished with the most important and improved scientific apparatus for physiological experimentation. The dissecting room is large, well lighted and ventilated, so as to keep the place in a good sanitary condition.

This Faculty is recognised by the Royal College of Physicians of Edinburgh, the Royal College of Surgeons, England, and the Royal College of Physicians, London, and the class tickets for the various courses are accepted by these Colleges as qualifying candidates for examination.

Students who have matriculated and afterwards attended a four year course in this University can present themselves at once before any of these bodies for examination.

The attention of those who desire to go to the Mother Country for the purpose of obtaining a diploma from either of these examining bodies is directed to the fact that the amount of Hospital attendance required by them is greater than that required for graduation in Canada.

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

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 cases.

The Montreal General Hospital (150 beds) is situated within a few minutes' walk of the College, and is visited daily by four 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 enables the physicians in attendance to impart instruction by selecting cases 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-five 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 *Woman's Hospital*, 30 beds, is under the control of the Faculty of Medicine of this University, and offers greater facilities to the students of this College who may wish to attend cases of accouchment than can be offered by any other medical school in Canada. This Hospital is divided into two distinct departments: a lying-in department directly under the superintendence of the Professor of Midwifery, and a gynecological department for the treatment of diseases peculiar to women. This latter is attended daily by two members of the staff. There is also a daily clinic at 12 a.m. of diseases peculiar to women, which furnishes advantages to students desirous of successfully studying 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 1879, 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 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 1879 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.

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

SUGGESTIONS TO STUDENTS.

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 (paying special attention to Practical Anatomy during the first two years):

FIRST YEAR.

BOTANY, ANATOMY, PHYSIOLOGY, CHEMISTRY, PRACTICAL ANATOMY
HOSPITAL PRACTICE.

SECOND YEAR.

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

THIRD YEAR.

ANATOMY, PHYSIOLOGY, HYGIENE, MEDICINE, PRACTICAL HISTOLOGY, DISSECTION, HOSPITAL PRACTICE AND CLINICAL MEDICINE.

FOURTH YEAR.

MEDICINE, SURGERY, PATHOLOGY, MIDWIFERY, MATERIA MEDICA AND THERAPEUTICS, MEDICAL JURISPRUDENCE, HOSPITAL PRACTICE AND CLINICAL LECTURES.

Should a student contemplate spending but three sessions at college, he is recommended to take the classes in the following order:—

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THREE YEARS' COURSE.

FIRST SESSION.

ANATOMY, PHYSIOLOGY, CHEMISTRY, MATERIA MEDICA AND THERAPEUTICS, BOTANY AND ZOOLOGY, MIDWIFERY, SURGERY, DISSECTIONS, HOSPITAL PRACTICE.

SECOND SESSION.

ANATOMY, PHYSIOLOGY, CHEMISTRY, MEDICINE, HYGIENE, PRACTICAL CHEMISTRY, DISSECTIONS, HOSPITAL PRACTICE, CLINICAL LECTURES.

THIRD SESSION.

MEDICINE, SURGERY, PATHOLOGY, MIDWIFERY AND DISEASES OF WOMEN, MATERIA MEDICA AND THERAPEUTICS, MEDICAL JURISPRUDENCE, HOSPITAL PRACTICE AND CLINICAL LECTURES.

Students who can attend the pre-session course 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. 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 furnished with certificates, which, through the kindness of the Railway authorities, will entitle them to return tickets from Montreal at greatly reduced rates.

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.

Preliminary examinations 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.

Students who do not desire the license of either the Quebec or Ontario College of Physicians and Surgeons will be examined by this University on the above subjects. Fee \$4.00.

PROFESSIONAL EXAMINATIONS.

Each candidate is examined both in writing and *viva voce*. The Primary subjects are Botany,* Chemistry, Practical Chemistry, Anatomy—Descriptive and Practical, Physiology and Hygiene. The subjects of the final examination are: Practice of Medicine, Surgery, Pathology, Midwifery and Diseases of Women and Children, Materia Medica and Therapeutics and Medical Jurisprudence. (This latter may be passed at the end of the third session.)

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 have passed their Examination on Botany, may be admitted to examination on Chemistry and Practical Chemistry at the end of their second year.

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

† For more complete details of preliminary examination, see inside back cover.

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

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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 all examinations at the end of their fourth year.

PRIZES.

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' 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 first class honours in all the subjects of the final examination, and who have attended at least two six months' sessions at Bishop's College.

The David scholarship. This scholarship, founded by the faculty, and called after the Dean, consists of one full course of the final branches delivered at the College, and is awarded to the student who obtains the highest number of marks in the Primary Examinations.

Prizes in books will be given to :

1. The student who passes the best final examination. (Next to the gold medalist.)
2. The student who passes the best examination in Botany.
3. The best dissector in the Senior class.
4. The best dissector in the Junior class.

No prizes will be awarded to any student unless he shall have been classed in Honors in all the subjects of examination. To obtain first class Honors at least seventy-five per cent. of the highest marks obtainable must be gained ; second class Honors at least sixty per cent. ; to pass the ordinary examination at least fifty per cent.

Certificates of Honor will be given to those students who have been classed in Honors in any subject.

TABLE OF FEES.

LECTURES:

Principles and Practice of Medicine.....	each course...	\$12 00
“ “ Surgery.....	“	12 00
Midwifery and Diseases of Women	“	12 00
Anatomy.....	“	12 00
Physiology.....	“	12 00
Chemistry.....	“	12 00
Materia Medica.....	“	12 00
Medical Jurisprudence and Diseases of Children.....	“	10 00
Pathology.....	“	6 00
Hygiene.....	“	6 00
Botany and Zoology.....	“	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 which will effect a considerable saving to the student. Apply to the Registrar

PRACTICAL CHEMISTRY.....	“	12 00
PRACTICAL ANATOMY (Dissections)	“	6 00
PRACTICAL HISTOLOGY	“	16 00
ENREGISTRATION (each Session).....		2 00
DEGREES (C.M., M.D.).....		20 00
REGISTRATION OF DEGREES.....		1 00

HOSPITAL FEES:

Montreal General Hospital.

Admission Ticket: six months \$8, twelve months.....	\$12 00
Perpetual Ticket.....	20 00
Clinical Lectures on Surgery.....	12 00
“ “ Medicine.....	12 00

Women's Hospital (Lying-in, &c.)

Admission Ticket: six months.....	\$ 8 00
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Students are at liberty after having paid for two full courses on any subject to attend subsequent courses on the same subject free. All fees must be strictly paid in advance. Tickets will be granted only for such courses as have been paid for before the end of the session during which the student attended the lectures.

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LECTURES.

SESSION, 1881-1882.

PRINCIPLES AND PRACTICE OF MEDICINE.

BY

F. WAYLAND 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 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, Æsophagus, Stomach, Intestines, Liver and Gall-bladder, Pancreas, Spleen. Cholera.

Mesenteric Glands, and Peritoneum. 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.

FEVERS: Exanthemata, &c.

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

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

CUTANEOUS SYSTEM: Diseases of the Skin and appendages.

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

Books Recommended—Bristowe, Watson, Flint, Aitken, Roberts, Reynolds' 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 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 and Pyæmia, Ulcers and Mortification.

INJURIES.—Wounds, Hæmorrhage, Bruises, Dislocation and Fractures.

Tetanus, Erysipelas, Poisoned Wounds.

MORBID GROWTHS.

Special Surgery. These lectures will include the following:

Diseases of Joints.

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, Venereal Diseases, &c.

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

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

Every day, except Saturday, at 10 A.M.

Text Books—Erichsen, Druitt, Clark, Smith.

Books of Reference—Holmes' System, Bryant, Gant.

DISEASES OF THE EYE.

BY

DR. PROUDFOOT.

This will constitute part of the above course of lectures.

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PATHOLOGY.

BY

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.

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.

Traumatic Fever, Septicæmia, Pyæmia.

TUBERCLE and **TUBERCULOSIS—PHTHISIS**.

Anæmia, Fever.

TUMOURS—Thrombosis—Embolism—Cancer.

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

Every Friday, at 5 P.M.

Text Book—Green's Pathology and Morbid Anatomy.

Books of Reference—Pathological Histology by Rindfleisch. Wagner's Manual of General Pathology. Cornil and Ranvier, Pathological Histology (AMERICAN EDITION).

MIDWIFERY AND THE DISEASES OF WOMEN.

BY

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

ANATOMY and Physiology of the Female Reproductive Organs.
 GENERATION AND EMBRYOLOGY.

PREGNANCY ; its signs, Diagnosis, Abnormalities, Diseases and
 Pathology, including Abortion and Premature Labor.

PARTURITION : I. NATURAL LABOR, its Phenomena, Mechanism
 and Management, including the use of Anæsthetics.

II. UNNATURAL LABOR, from
a. Abnormal conditions of the child, Malpresentations, Diseases,
 Monstrosities, &c.

b. Abnormal condition of the Uterus, Inertia, Irregular contrac-
 tions, &c.

c. Faulty conditions of the soft parts and deformities of the
 Pelvis.

III. COMPLEX LABOR—Hæmorrhages before and after Delivery,
 Rupture and Inversion of the Uterus, Lacerations, Retention
 of Placenta, Prolapsus of Cord, &c.

OBSTETRIC OPERATIONS :—Induction of Premature Labor, Version,
 Forceps, Craniotomy, Cæsarian Section, Laparo-Elytrotomy, Trans-
 fusion of Blood.

THE PUERPERAL STATE AND ITS MANAGEMENT.—Puerperal Fever,
 Convulsions, and Insanity—Phlegmasia Dolens, Pelvic Cellulitis,
 &c.

SPECIAL DISEASES OF THE FEMALE GENERATIVE ORGANS UNCON-
 NECTED WITH PREGNANCY :—Disorders of Menstruation—Diseases
 and Displacements of the Uterus, Ovaries and other Organs.

The principle Obstetric operations, such as Version, Forceps, Cra-
 niotomy, &c., are performed on the Fresh Cadaver with Foetus.

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

Books recommended—Midwifery—Playfair, Leishman, Meadows.
 Gynæcology—Thomas, Emmet, Barnes.

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MEDICAL JURISPRUDENCE.

(Including Toxicology and Psychology.)

JAMES C. CAMERON, M.D., C.M., M.R.C.P.I.

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 Apnoea, 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, Foeticide, Rape.

TOXICOLOGY—Classification of Poisons, General Evidence of Poisoning and Diseases liable to be confounded with effects of Poisons.

POISONS most COMMONLY 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 Thursday, at 4 P.M.

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

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

DISEASES OF CHILDREN.

The most important ailments of children will be considered in this course, special attention being given to *Diagnosis and Treatment*.

General Rules for Diet, Clothing and Management of Children ; Method of Examination ; Infantile Therapeutics.

The Diarrhoeal Diseases of Children, Convulsions, Bronchitis, Pneumonia and Pleurisy, Croup and Diphtheria, Intestinal worms, Pertussis, Infantile Paralysis, &c.

Mondays and Thursdays, at 11 A.M., at the Montreal General Hospital, commencing Sept. 1st.

PHYSIOLOGY.

BY

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

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.

Demonstrations will frequently be given during the course in the Physiological Laboratory of the College, demonstrating, where practicable, the properties and functions of the various tissues and organs, such as the properties of contractile tissues.

TETANUS.—The natural electric currents of muscle and nerve, the rapidity of transmission of nervous influence.

REFLEX ACTION.—The functions of the sympathetic, the pneumogastric and various other nerves; their influence on the circulation and respiration.

Some of the motor functions of the cerebral convolutions will be shown, also the action of many poisons, such as strychnine, atropine, curare, muscarin.

All animals experimented upon will be rendered insensible by means of anæsthetics previously administered. The apparatus used was specially made for this Laboratory in England, France and Germany, and is constantly being supplemented with the most improved forms. Microscopes and Microscopic Specimens will be freely used, illustrating the various subjects treated of.

One day each week will be devoted exclusively to general Pathology.

Every day, except Saturday, at 5 P.M.

Text Book—Foster's Physiology (American reprint).

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 shown how to make sections, how to mount and preserve the specimens, etc.

Every Saturday, from 4 to 6.

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DESCRIPTIVE AND SURGICAL ANATOMY.

BY

GEORGE E. ARMSTRONG, M.D., C.M.

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

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 course and 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.

VI.—The Anatomy of the Eye and Ear will also be described and illustrated.

Every day, except Saturday, at 9 A.M.

Books recommended.—For reading—Gray and Wilson. For reviewing—Tablets of Anatomy by Cooke.

HYGIENE; OR, STATE MEDICINE.

BY

THOS. SIMPSON, M.D.

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.

Influence of TRADES and OCCUPATIONS on health.

SEWERAGE—Influence on death-rate of cities.

DISINFECTANTS.

The effect of CLIMATE on health.

MEDICAL STATISTICS.

Monday and Friday, at 3 P.M.

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

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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 department.

No student will be credited with having dissected an extremity until he has passed a satisfactory examination on it before the Demonstrator.

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

PRACTICAL CHEMISTRY.

BY

JOSEPH BEMROSE, F.C.S.

This course will consist of experiments demonstrating :

QUALITATIVE ANALYSIS, with special reference to detection of poisons and adulterations ; the nature and reactions of HEALTHY and MORBID URINE.

The Microscopical and Chemical Examination of URINARY DEPOSITS and CALCULI.

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

Students must provide themselves with a set of apparatus which has been selected by the Lecturer, 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.

Every Saturday, from 3 to 5 P.M.

Books necessary—Chambers' "Practical Chemistry."

Books recommended—Carpenter on the Microscope : Lankester's Half Hours with the Microscope ; Beale on the Microscope.

CHEMISTRY, AND CHEMICAL PHYSICS.

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 4 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.

BY

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 substances 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.

BOTANY.

BY

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

This subject will be considered in the following order.

Part I.—STRUCTURAL BOTANY.

Organs of Nutrition :

Root of 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.

Inflorescence—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 Phenogamous 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 through out will be illustrated by plates, drawings, microscopical preparations and dried specimens.

Books recommended.—Dr. Gray's Structural and Systematic Botany, Bently's Manual of Botany, Balfour, Sachs, Bessey.

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During the month of September a pre-session course of Lectures will be delivered on the following subjects, free to students of this University.

PRACTICAL PHARMACY.

DR. A. H. KOLLMYER, Professor of Materia Medica.

In the Lecture room of the College.

SURFACE MARKINGS, *Medical and Surgical.*

DR. ARMSTRONG, Professor of Anatomy.

In the Lecture room of the College.

PHYSICAL DIAGNOSIS.

DR. WILKINS Professor of Physiology.

At the Montreal General Hospital.

DISEASES OF CHILDREN.

DR. CAMERON, Professor of Medical Jurisprudence.

At the Montreal General Hospital.

SYPHILIS.

DR. SIMPSON, Professor of Hygiene.

At the Montreal General Hospital.

DISEASES OF THE EYE AND THE EAR.

DR. ALEX PROUDFOOT.

At the Montreal Dispensary.

MINOR SURGERY.

DR. A. LAPTHORN SMITH, Demonstrator of Anatomy.

At the Montreal Dispensary.

The days and hours of the above Lectures will be announced before the opening of the course.

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, Belle-Letters, 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. No one can be admitted for examination for the degrees of Master of Surgery and Doctor in Medicine who has not been engaged 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.
- IV. 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.
- V. The Matriculation Books of the Registrar shall be closed on the first day of December in each year.
- VI. No student can obtain his ticket from any of the professors without having previously obtained his Matriculation ticket.
- VII. Every candidate for graduation in Medicine and Surgery must give sufficient evidence, by certificates—
- i. 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 General Therapeutics, and the Institutes of Medicine, or Physiology and General Pathology.

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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 and Clinical Surgery.
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 medicines at a Hospital, a Dispensary or with a duly licensed practitioner.
6. That he has 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.

VIII. Out of the four years of medical and surgical study required by Clause III. one full course on each branch mentioned in Sections 1 and 2, Clause VII., must be attended in this University.

IX. Courses of less length than the above (Clause VII.) will only be received or the time over which they have extended.

X. Every candidate for the Degree must, on or before the first day of March, deliver to the Dean of the Medical Faculty—

1. A declaration, 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.

XI. Every candidate shall be examined both in writing and *viva voce*. The examinations are divided into Primary and Final.

a. The Primary, comprehending Anatomy, Physiology, Hygiene, *Materia Medica*, Chemistry, Practical Chemistry, and Botany or Zoology.

b. The Final—Practice of Medicine, Clinical Medicine, Surgery, Clinical Surgery, Midwifery and the Diseases of Women and Children, Medical Jurisprudence, and Pathology.

XII. 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 study.

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REGULATIONS.

- 1st. The Session of each year will commence on the first of October, provided that day does not fall on a Sunday, 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 classes of Pathology, Hygiene, Botany and Practical Anatomy shall be \$6; Practical Histology, \$16, and that of all other classes \$12, except Medical Jurisprudence which is \$10 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 proœraturum. Quæ, denique, inter medendum visa vel audita sileri conveniat, non sine gravi causa vulgaturum.

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SESSION 1880-81.

The total number of matriculated students during the past session was thirty-one. Their names and addresses are as follows:—

Sirois, Euchariste,	Kamouraska, Q	Smillie, Ninian Calvin,	Montreal, Q
Quinones, Eleuterio,	Porto Rico, W.I.	Leahy, Daniel,	Montreal, Q
Freleigh, Edgar O'Brien,	L'Original, Q	Rochette, Joseph Arthur,	Quebec, Q
McKay, William Albert,	St. Eustache, Q	Gendreau, Jos. G. A.,	St. Jean Bap-
Spendlove, Frank M. R.,	Ayer's Flats, Q		tiste, Q
White, Frederick James,	Montreal, Q	Tessier, Napoléon	Montreal, Q
Merry, Wm. Henry,	Toronto, O	Rogers, Samuel Maynard,	Ottawa, O
Patterson, William, Jr.,	Montreal, Q	Glass, James M.,	Montreal, Q
Saunders, Jabez B.,	Montreal, Q	Benoit, Joseph,	Joliette, Q
De Moulpiéd, Walter,	Nicolet, Q	Graham, John,	Ottawa, O
Bishop, Heber, B.A.,	Marbleton, Q	Blackmer, Rollin C.,	Stockbridge, Vt
McGillis, William C.,	Montreal, Q	Johnson, Henry,	Montreal, Q
Shepstone, James Albert,	Brantford, O	Parent, Charles Edwin,	Waterloo, Q
Ball, Charles Dexter,	Stanstead, Q	Bienjonetti, Pierre,	Montreal, Q
Wilson, Robert Henry,	Montreal, Q	Moore, B.,	Montreal, Q
Fenwick, Charles S.,	Montreal, Q	Byrne, M.,	Montreal, Q

PRIMARY EXAMINATIONS.

Examinations were passed in the following subjects by the gentlemen named.

Botany.—Jabez B. Saunders, Edgar O'B. Freleigh.

Practical Chemistry.—William A. Mackay.

Practical Anatomy.—Frank M. R. Spendlove, William C. McGillis, Charles S. Fenwick.

Materia Medica.—Charles D. Ball, Edgar O'B. Freleigh, William A. Mackay, James A. Shepstone.

Physiology.—William Patterson Jr., William A. Mackay.

Chemistry.—Charles D. Ball, William Patterson Jr., William A. Mackay, James A. Shepstone.

Anatomy.—William C. McGillis, Charles S. Fenwick.

Hygiene.—Heber Bishop, B.A., Frank M. R. Spendlove, Ninian C. Smillie, Walter de Moulpiéd, Eleuterio Quinones, William Patterson Jr., William A. Mackay, William C. McGillis.

PRIMARY EXAMINATION.

Frank M. R. Spendlove, Eleuterio Quinones, William C. McGillis, Charles S. Fenwick.

PASSED IN MEDICAL JURISPRUDENCE.

Ninian C. Smillie, Heber Bishop, B.A., Charles S. Fenwick.

FINAL EXAMINATION.

This Examination for the degree of C.M., M.D., was held on the 31st of March and the 1st of April, and was successfully passed by the following gentlemen:—

Frank M. R. Spendlove.....Ayer's Flats, Q.
 Robert H. Wilson.....Montreal, Q.
 Walter De Moulpied.....Montreal, Q.
 Eleuterio Quinones.....Porto Rico, W. I. I.
 William C. McGillis.....Montreal, Q.

The Convocation of the University for conferring degrees in Medicine was held at the Synod Hall, Montreal, on Tuesday, the twelfth day of April, when the degrees of C.M., M.D., were conferred on all the gentlemen above named, who successfully passed their final examination.

The *ad eundem* degree of C.M., M.D., was conferred upon the Hon. Dr. Robitaille, Lieut.-Governor of the Province of Quebec.

The Valedictory Address to the Students on behalf of the Faculty was delivered by Professor Cameron, and that on behalf of the Students by Dr. De Moulpied.

PRIZES.

The following Prizes were awarded:

"Wood" Gold Medal.....F. M. R. Spendlove.
 "Nelson" Gold Medal.....W. De Moulpied.
 Final Prize.....Robt. H. Wilson.
 Primary Prize.....F. M. R. Spendlove.
 Practical Anatomy, Senior Prize.....F. M. R. Spendlove.
 " " Junior Prize.....E. O'B. Freleigh.
 Botany Prize.....J. B. Saunders.

The following gentlemen received Honorable Mention.

W. A. Mackay, *Practical Chemistry*.
 Charles. D. Ball, *Chemistry*.
 C. D. Ball, E. Quinones, E. O'B. Freleigh, W. Mackay, *Materia Medica*.
 F. M. R. Spendlove, *Physiology*.
 Bishop, Spendlove, Smillie, W. De Moulpied, *Hygiene*.
 N. C. Smillie, H. Bishop, B.A., *Medical Jurisprudence*.
 W. De Moulpied, E. Quinones, *Final Examination*.

STUDEN

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 1880. Final
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 1873. Final Ex
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STUDENTS WHO HAVE OBTAINED HONOURS IN MEDICINE IN THIS UNIVERSITY.

- AHERN (JOHN.)**
1872. Practical Anatomy, Hon'le Mention.
- BALL (C. DEXTER.)**
1880. Botany Prize.
Practical Anatomy, Junior Prize.
- 1881. Chemistry, Honorable Mention.**
Materia Medica " "
- BISHOP, B.A. (HEBER.)**
1880. Chemistry, Honorable Mention.
Practical Anatomy, Honorable Mention.
Primary Examination, Prize.
- 1881. Hygiene, Honorable Mention.**
Medical Jurisprudence, Honorable Mention.
- CAULEY (JOHN J.)**
1876. Anatomy, Special Prize.
1877. Primary Examination, Honorable Mention.
- CHANDLER (HENRY B.)**
1877. Botany Prize.
Practical Anatomy, Prize.
- 1878. " " Hon'le Mention.**
1879. Primary Examination, Prize.
Practical Chemistry, Hon'le Mention.
- 1880. Final Examination, Wood Gold Medal.**
- COSTIGAN (ROBERT.)**
1872. Practical Anatomy, Junior Prize.
Physiology, Junior Prize.
- 1873. Physiology, Prize.**
1874. Final Examination, Prize.
- COQUILLETTE (W. E.)**
1873. Practical Anatomy, Junior Prize.
- DAVIS (JOHN T.)**
1875. Primary Examination, Prize.
Final Examination, Prize.
- DE MOUILPIED (WALTER.)**
1880. Practical Anatomy, Hon'le Mention.
1881. Special Surgical Examination, Nelson Gold Medal.
Hygiene, Honorable Mention.
- DUBUC (GODFROI.)**
1872. Practical Anatomy, Senior Prize.
Physiology, Senior Prize.
Primary Examination, Prize.
- 1873. Final Examination, Honorable Mention.**
- FOLEY (JAMES LESLIE)**
1878. Practical Chemistry, Prize.
" Anatomy, Hon'le Mention.
- 1879. Primary Examination, Hon'le Mention.**
1880. Final Examination, Prize.
- FRELEIGH (EDGAR O'B.)**
1881. Practical Anatomy, Junior Prize.
Materia Medica, Hon'le Mention.
- GAHERTY (DENIS.)**
1876. Botany, Honorable Mention.
1877. Practical Chemistry, Honorable Mention.
- 1878. Primary Examination, Prize.**
1879. Final Examination, Wood Gold Medal.
- GODFREY (ROBERT F.)**
1873. Practical Anatomy, Senior Prize.
Final Examination, Hon'le Mention
- GILL (L. H. U.)**
1879. Practical Anatomy, Senior Prize.
1880. Final Examination, Honorable Mention.
- GRAVELEY (EDWARD A.)**
1876. Primary Examination, Honorable Mention.
- 1877. Final Examination, Honorable Mention.**
- HART (DAVID A.)**
1874. Final Examination, Honorable Mention.
- HOUSTON (DAVID W.)**
1878. Practical Anatomy, Honorable Mention.
- HUNTER (WILLIAM M.)**
1874. Final Examination, Honorable Mention.
- LEMIEUX (ISRAEL.)**
1874. Final Examination, Honorable Mention.
- LALONDE (ADOLPHUS F.)**
1878. Practical Anatomy, Hon'le Mention.
- LATOUR (ANDRE.)**
1872. Final Examination, Prize.
- LAWRENCE (FREDERICK C.)**
1873. Final Examination, Honorable Mention.

- LEPROHON (RODOLPHE E.)**
1877. Practical Chemistry, Honorable Mention.
1878. Practical Anatomy, Senior Prize.
- MACKAY (WILLIAM A.)**
1881. Practical Chemistry, Hon'le Mention.
- MEAGHER (HUGH A.)**
1876. Practical Anatomy, Senior Prize.
Primary Examination, Honorable Mention.
- MITCHELL (HOMER E.)**
1876. Practical Anatomy, Junior Prize.
1877. Primary Examination, Prize.
Practical Anatomy, Special Prize.
1878. Final Examination, Wood Gold Medal.
- NELSON (GEORGE W.)**
1878. Primary Examination, Honorable Mention.
1879. Final Examination, Prize.
- PALMER (JOSEPH L.)**
1878. Practical Anatomy, Junior Prize.
- QUINONES (ELEUTERIO)**
1881. Final Examination, 1st Class Honors
Materia Medica, Hon'le Mention
- SAUNDERS (JABEZ B.)**
1881. Botany, Prize.
- SHAW (GEORGE BEGG.)**
1878. Primary Examination, Prize.
Final Examination, Prize.
Physiology, Prize.
- SMILLIE (NINIAN C.)**
1879. Practical Anatomy, Junior Prize.
Botany, Prize.
- 1880. Practical Anatomy, Senior Prize.**
Primary Examination, Honorable Mention.
- 1881. Hygiene, Honorable Mention.**
Medical Jurisprudence, Honorable Mention.
- SPENCER (RICHMOND.)**
1872. Practical Anatomy, Honorable Mention.
- SPENDLOVE (FRANK M. R.)**
1880. Practical Chemistry, Hon'le Mention
1881. Final Examination, Wood Gold Medal.
Primary Examination, Prize.
Practical Anatomy, Senior Prize.
Hygiene, Honorable Mention.
- TETRAULT (FRANCIS JOSEPH.)**
1878. Practical Anatomy, Junior Prize.
1879. Chemistry, Honorable Mention.
- VENNER (JOSEPH A.)**
1874. Final Examination, Hon'le Mention.
- WILSON (ROBERT H.)**
1880. Practical Anatomy, Hon'le Mention.
1881. Final Examination, Prize.
Hygiene, Honorable Mention.
- WOOD (CASEY A.)**
1876. Primary Examination, Prize.
1877. Final Examination, Prize.
- YOUNG (WILLIAM.)**
1875. Practical Anatomy, Junior Prize.
1877. Primary Examination, Prize.
1878. Final Examination, Prize.

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1874.... Hart,
1877.... *Haye
1871 ... Hingst
1874.... Hunter
1879.... Jenkins
1879.... Kanno
1871.... Kenn
1873.... Kollm
1878.... Kerry,

NAMES AND ADDRESSES OF GRADUATES IN MEDICINE OF
THIS UNIVERSITY.

1878....	*Ansell, Aaron	Falmouth, West Indies.	
1879....	Armstrong, George E., <i>ad eundem</i>	Montreal,	Q.
1875....	Benoit, Frederick	Montebello,	Q.
1877....	Baynes, D., M.A., L.R.C.P. Edin., <i>ad eundem</i>	Canterbury,	Eng.
1877....	Boyd, Robert Hamilton	Ogdensburg,	U.S.
1878....	Belle, Charles Raphael.....	Montreal,	Q.
1879....	Brodie, J., <i>ad eundem</i>	Honolulu, S'dwich Isl'ds	Q.
1881....	Cameron, J. C., M.D., M.R.C.P.I., <i>ad eundem</i>	Montreal,	Q.
1871....	Campbell, F. W., L.R.C.P. Lond., <i>ad eundem</i>	Montreal,	Q.
1880....	Chandler, Henry B.....	Brooklyn,	N.Y.
1879....	Comeau, Charles E. D.....	St. Pie de Guise,	Q.
1874....	Costigan, Robert	Los Lunas, California	
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, Brit. Guiana	
1881....	De Mouilpied, Walter, <i>Nelson Gold Medal</i> ...	Lowell, Mass., U.S.	Q.
1872....	Desilets, Philip A	St. Grégoire,	Q.
1873....	Dubuc, Godfroi	Sutton Flats,	Q.
1880....	Dubé, Philip.....	Quebec,	Q.
1874....	Duclus, E. A.....	St. Pie,	Q.
1874....	Eneas, Jeremiah	Georgetown, Brit. Guiana	
1880....	Foley, Leslie J.....	Montreal,	Q.
1873....	Fontaine, Isaac.....	St. Barnabie,	Q.
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, Denis D., <i>Wood Gold Medallist</i>	Montreal,	Q.
1879....	Gernon, George Oliver	St. Benoit,	Q.
1879....	Gale, George Goldworthy	Quebec,	Q.
1880....	Gill, Louis Henry Ulric.....	Drummondville,	Q.
1871....	Godfrey, Robert T., M.D., <i>ad eundem</i>	Montreal,	Q.
1873....	*Godfrey, Robert Frederick	Montreal,	Q.
1877....	Graveley, Edward A.....	Cornwall,	Ont.
1874....	Hart, David A.....	Bedford,	Q.
1877....	*Hayes, Thomas Edward.....	Montreal,	Q.
1871....	Hingston, Wm. H., M.D., L.R.C.P.E., <i>ad eun</i>	Montreal,	Q.
1874....	Hunter, William M.....	Ottawa,	O.
1879....	Jenkins, James Frederick Theodore.....	Montreal,	Q.
1879....	Kannon, Matthew Mark.....	Montreal,	Q.
1871....	Kennedy, R. A., M.D., <i>ad eundem</i>	Montreal,	Q.
1873....	Kollmyer, A. H., M.D., <i>ad eundem</i>	Montreal,	Q.
1878....	Kerry, Anthony	Montreal,	Q.

1880....	Labré, Edmond	Point St. Peter, Gaspé, Q.	Q.
1874....	Lafontaine, Charles	Chambly,	Q.
1872....	Lanouette, Joseph E. A.	Gentilly,	Q.
1872....	Latour, André A.	Montreal,	Q.
1873....	Lawrence, Frederick Ch.	Kerrville,	Texas, U.S.
1874....	Lemieux, Israel	Crookston, Mich.,	U.S.
1871....	Leprohon, J. L., M.D., <i>ad eundem</i>	Montreal,	Q.
1879....	Leprohon, Rodolphe Edward Connolly	Lensborough, Minn.,	U.S.
1878....	MacDonald, Joseph William Dugald	Manchester, N.H.,	U.S.
1873....	MacDonald, William	Montreal,	Q.
1874....	Mackay, Jno. M.	Quebec,	Q.
1878....	McConnell, J. B., M.D., <i>ad eundem</i>	Montreal,	Q.
1878....	McDuffie, John W.	Stanstead,	Q.
1881....	McGillis, William C.	Montreal,	Q.
1877....	McLeod, John	Tingwick,	Q.
1879....	Marshall, Charles	Huntingdon,	Q.
1878....	Mitchell, Homor Elihu, <i>Wood Gold Medallist</i>	Stanbridge Station,	Q.
1872....	Nelson, Wolfred D. E.	Panama,	S.A.
1879....	Nelson, George Washington	Marbleton,	Q.
1873....	Peltier, Gaspard U.	Cohoes, N.Y.,	U.S.
1873....	Perrigo, James, M.D., M.R.C.S., <i>ad eundem</i>	Montreal,	Q.
1875....	Pidgeon, Joseph A.	Percé, Gaspé,	Q.
1877....	Proudfoot, Alexander	Montreal,	Q.
1881....	Quinones Eleuterio	Porto Rico,	W.I.I.
1881....	Robitaille, Hon. Theodore, M.D., <i>ad eundem</i>	Quebec,	Q.
1873....	Robillard, Edmond, M.D., <i>ad eundem</i>	Montreal,	Q.
1874....	Rose, Edward	Chateauguay, N.Y.,	U.S.
1878....	Sabourin, Elzéar	St. Urbain,	Q.
1873....	*Shaw, George Begg	Montreal,	Q.
1874....	Shee, Patrick Arthur	Inverness,	Q.
1876....	*Sheridan, Terence G.	Gaspé Basin,	Q.
1878....	Sheridan, John	Montreal,	Q.
1881....	Simpson, Thomas, M.D., <i>ad eundem</i>	Montreal,	Q.
1873....	Slack, George F., M.R.C.S. Eng.	West Farnham,	Q.
1874....	St. Germain, Valmore	St. Norbert d'Artha-	Q.
1879....	Smith, Laphorne A., M.D., M.R.C.S., <i>ad eun.</i>	baskaville,	Q.
1881....	Spendlove, Frank M. R., <i>Wood Gold Medal</i>	Ayer's Flats,	Q.
1871....	Tabb, S. E., M.D., <i>ad eundem</i>	Sherbrooke,	Q.
1871....	Trenholme, E. H., M.D., <i>ad eundem</i>	Montreal,	Q.
1874....	Venner, Victor John A.	Campbelltown	Q.
1872....	Weber, Richard N.	Richmond,	N.B.
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.	Montreal,	Q.
1878....	Young, William	Hong Kong,	Q.
		China	Q.

*Dead.

Examiner,....

1. Describe
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- named variety
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- stipe and spathe
9. What are th
10. Describe th

MATERIA MEDICA AND THERAPEUTICS.

TUESDAY, MARCH 29TH, 1881:—9 TO 11 A.M.

Examiner,.....PROFESSOR A. H. KOLLMYER, M.A., M.D.

1. Name the constituents and doses of the B. P. preparations of Ipecac and Quinine.
2. Under what circumstances would you prescribe Aconite or its Alkaloid Aconitia, and when would you consider them contra-indicated?
3. State the actions, doses, and modes of administration of Eserine, Apomorphine, Pilocarpine, Atropine and Duboisine.
4. How would you distinguish the following pills from each other :

(a) Pil Aloes Bbds.	(d) Pil Rhei Co.
(b) " " Socot.	(e) " Aloes et Myrrh.
(c) " Colocynth Co.	(f) " " et Assafœt.
5. What time usually elapses between the administration and the purgative effect of the following :

(a) Croton oil.	(e) Jalap.
(b) Elaterum.	(f) Colocynth.
(c) Castor oil.	(g) Rhubarb.
(d) Epsom salts.	(h) Aloes.
6. We will suppose that you have ordered an alcoholic stimulant to a patient, how would you ascertain whether it was proving serviceable or the reverse?

CHEMISTRY AND CHEMICAL PHYSICS.

TUESDAY, MARCH 29TH, 1881:—11 A.M. TO 1 P.M.

Examiner,.....PROFESSOR CASEY A. WOOD, C.M., M.D.

1. What is latent heat? How does it affect the molecules of bodies from which it is withdrawn? Give an example.
2. Give name, origin and English equivalent of each unit employed in the metrical system of weight and measures.
3. Give reactions that occur in making :
 - (a) Liq. Ammonia Ff. : B.P.
 - (b) Mist : Ferri Co. : B.P.
 - (c) Lotio Hydrarg. Flava, B.P.
 - (d) Liquor Sodae, B.P.
 - (e) Cerii Oxalas, B.P.
4. Required the chemical antidotes to poisoning by (a) Fowler's solution, (b) butter of antimony, (c) spirits of salt, (d) caustic potash, (e) sugar of lead, (f) corrosive sublimate.
5. What are the vulgar names of the following organic compounds, and describe the preparation of two of them : (a) ethylic oxide, (b) methyl hydride, (c) formyl chloride, (d) ethylic hydrate, (e) ethylene?
6. In examining the urine what information is afforded by its color?

Examiner,...

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Examiner,...

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2. Describe stomach of
3. What i stimulation.
4. Describe
5. Give t sation.
6. Give th parts in the
7. Give a

ANATOMY.

TUESDAY, 29TH MARCH, 1881:—3 TO 5 P.M.

Examiner,..... PROFESSOR GEORGE E. ARMSTRONG, M.D., C.M.

1. Describe the femur, and give its structure, articulations, development and attachment of muscles.
2. Describe the shoulder joint; what muscles surround the articulation, and with what nerves and arteries is it supplied?
3. Name the muscles of expression of the face and the muscles of mastication. By what nerves are they supplied?
4. Mention the branches of the radial and ulnar arteries; explain the formation of, and give the position of, the superficial and deep palmar arches.
5. Describe the great sciatic nerve; give its origin, course, distribution and branches.
6. Give the formation and course of the Portal Vein.

PHYSIOLOGY.

TUESDAY, 29TH MARCH, 1881:—8 TO 10 P.M.

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

1. Describe Bile, and give its tests; what are its uses?
2. Describe the microscopical appearances (40 diameters) of a section of the stomach of either the pig, cat or rabbit.
3. What is an inhibitory nerve? Name at least two. Describe the effect of their stimulation.
4. Describe a reflex action.
5. Give the path taken by a peripheral impression to produce a conscious sensation.
6. Give the composition of urine. State how it is secreted, and describe the parts in the kidney concerned in the process.
7. Give a general description of the ovaries.

PRACTICE OF MEDICINE.

THURSDAY, APRIL 1ST, 1881 :—10 TO 12 A.M.

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

1. What are the consequences, local and general, and what are the diagnostic signs of: (1) Obstruction at Aortic orifice. (2) Incompetence of Aortic valves. (3) Obstruction at Mitral orifice. (4) Incompetence of Mitral valve.
2. Give the diagnosis between Variola, Varicella, Rubella, Roseola and Scarlatina.
3. Describe in detail a typical case of Acute Articular Rheumatism, and give the treatment.
4. Give the diagnosis between a case of Membranous croup, and Catarrhal or Pseudo Croup; also the treatment of both forms.
5. How would you distinguish between a case of Diphtheria and a case of severe Tonsillitis; give the treatment of the latter.
6. Describe the cough of Phthisis (3rd stage), Bronchitis, Pertussis, Pneumonia, Croup. Give the special character (if any) of the expectoration in these diseases.

PATHOLOGY.

THURSDAY, 31ST MARCH, 1881 :—9 TO 10 A.M.

Examiner,.....PROF. G. WILKINS, M.D., M.R.C.S. Eng.

1. Define Thrombosis and Embolism; giving causes and results of each.
2. Explain the symptoms in general Anæmia.
3. Describe the Phenomena of Inflammation.
4. What is Amyloid Degeneration ?

MEDICAL JURISPRUDENCE

THURSDAY, 31ST MARCH, 1881 :—8 TO 9.15 P.M.

Examiner,.....PROFESSOR JAMES C. CAMERON, M.D., C.M., M.R.C.P.I.

1. Give the signs of death by *drowning*.
2. How would you distinguish between wounds inflicted *during life* and *after death*?
3. What are the signs of recent delivery :
 - (a) in the *living*.
 - (b) in the *dead*.
4. How does *Intoxication* affect a man's
 - (a) *civil* responsibility.
 - (b) *criminal* responsibility.

Examiner,.....

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6. Describe
would allow

Examiner,.....

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6. Describ
tial diagnos

SURGERY.

THURSDAY, MARCH 31ST, 1881 :—2 TO 4. P. M.

Examiner,.....PROFESSOR JAS. PERRIGO, M.A., M.D., M.R.C.S., ENG.

1. Describe the different kinds of sutures, and state with what operations each would be most usefully employed.
2. Give the symptoms of stricture of the male urethra.
3. What points must you take into consideration when deciding the question of amputation in cases of severe fracture ?
4. Give the differential diagnosis between cystitis and prostatitis.
5. Give, in detail, the treatment necessary for indolent ulcer.
6. Describe fully the treatment of secondary syphilis ; and state at what time you would allow your patient to marry.

THE NELSON GOLD MEDAL EXAMINATION.

SURGERY.

MONDAY, APRIL 4TH, 1881.

Examiner,.....PROFESSOR JAS. PERRIGO, M.A., M.D., M.R.C.S., ENG.

1. Give, in detail, the causes and symptoms of pyæmia.
2. Give the symptoms of stone in the bladder, and describe the pathological changes that take place in the walls of that organ from long retention of a calculus.
3. What do you understand by the terms primary and secondary amputation, and under what circumstances would you prefer the latter ?
4. Give the differential diagnosis of transverse fracture of the humerus above the condyles from dislocation of both bones of the forearm backwards.
5. Describe the treatment of a tight stricture of the urethra, complicated with fistula.
6. Describe the symptoms of acute catarrhal conjunctivitis, and give the differential diagnosis between it and purulent conjunctivitis.

HYGIENE.

SATURDAY, 26TH MARCH, 1881 :—12 TO 1 P.M.

Examiner,.....PROFESSOR THOMAS SIMPSON, M.D.

1. *Drinking water.*

- (a) Describe the principal sources of contamination.
- (b) Name some of the tests or proofs of its impurity.
- (c) What diseases may be propagated by drinking water contaminated by sewage?

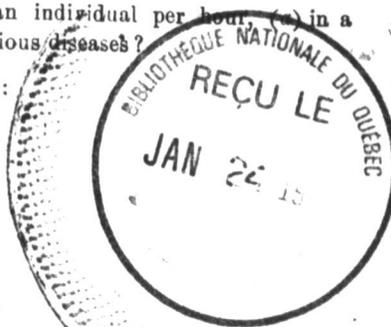
2. *Air*, what "cubic space" should be allowed to each person, (a) in a private dwelling, (b) in the surgical wards of a hospital?

What quantity of air should be supplied to an individual per hour, (a) in a dwelling, (b) in a ward of a hospital for contagious diseases?

3. *Diet*, what is the most suitable dietary for :

- (a) a cold,
- (b) a hot,
- (c) a temperate, climate?

Give reasons for each selection.



MIDWIFERY AND DISEASES OF WOMEN.

THURSDAY, 31ST MARCH, 1881 :—2 TO 4 P.M.

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

1. Describe the changes which occur in the Graafian Follicle from its maturation to its final obliteration, giving the difference in the changes undergone when impregnation occurs and when it does not occur.
2. Describe the changes produced in the breast during gestation.
3. Give the causes and treatment of Retention of the Placenta after the birth of the child at full term.
4. How would you diagnose Puerperal from Ephemeral Fever? give the symptoms and treatment of the latter.
5. Under what circumstances would it be considered justifiable to induce premature labour? Describe the principal methods.
6. What are Fibroid Tumours of the uterus; how are they classified as to site, and what changes do they undergo? Give the symptoms, diagnosis, and treatment applicable to each variety.