## A TMETME INOI (Ammoniated-Phenylacetamide).

STIMULANT, ANTIPYRETIC, AND ANALGESIC. Dose, 5 to 20 Grains.

Ammonol, like the majority of the more recently discovered Antipyretics, is a product of the Amidobenzene series ( $\mathrm{C}_{6} \mathrm{H}_{6} \mathrm{NH}_{2}$ ). It differs essentially, however, in several particulars from the other medicinal coal tar products, but especially in that it contains Ammonia in an active form and has a stimulating action on all the vital functions.

It occurs in amorphous crystals, having a pale yellowish color, is strongly alkaline in reaction, and has a pungent ammoniacal taste and odor.

## Some Reasons Why Ammonol is Unique Among Coal-Tar Derivatives.

I. It is Stimulating.
II. It is a Stimulation Analgesic.
III. It is a Stimulating Antipyretic.
IV. It is a Stimulatiag Expectorant.
V. It is a Stimulating Antiseptic.

V1. It is a Stimulating Cholagogue.
VII. It is a Safe Remedy to use when other coal-tar derivatives are contra-indieated.
VIII. Ammonol aidsdigestion; will correet hyperacidity of the stomach and prevent fermentat on during the digestive process. It is a destroyer of the p asmodiam of malaria ; in the algid and febrile stage of the disease it is invaluable.
1X. It is Anodyne and Anti-Spasmodie.
X. It induces Sleep.
XI. It is not a Secret Remedy.

Ammonol is put up in one-ounce bottles only. Reports on Ammonol from officers of the New York State Board of Health and other eminent physicians, together with samples sent free to any physician mentioning this publication.

# tiar aimiriol chemical co., 36 Bast 14th St. (Union Square West), New York London, Paris, Berlin, Vienna, St. Petersburg, Genoa, Mexico, Amsterdam, Barcelona, Montreal. <br> Canadian Trade supplied by LYMAN, SONS \& CO., Montreat. 

NUTROLAGTISINCREASES THE FLOW AND IMPROVES THE QUALITY
INCREASES THE FLOW AND IMPROVES THE QUALTTY OF MOTHERS' MILK ; STRENGTHENS AND NOURISHES NURSING MOTHERS,
During a discussion at the Academy of Medicine, New York, May 10, 1894, the Professor of Diseased of Children in Bellevue Medical College, Dr. J. Lswis Smith said that Nutrolactis had been found to decidedly increase the quantity of mothers' milk in two institutions with which he was connected. Similar testimonials have been received from 6,700 physicians. THE NUTROLACTIS COMPANY, 36 East 14th St, (cor. University Place), New York.

The Largest Manufacturer of Artificial Limbs in the World. And also the
Largest Manufacturer o Artificial Arms in the World without any exceptions

## Marks' Patent Artificial Limbs

## WITH RUBBER HANDS AND FEET

Are natural in action, noiseless in motion, durable in construction and the most comfortable to wear

To A. A. Marks :
Drar Sir:-I was a professional tight rope walker and wronaut before I lost my leg and I do not allow the loss of a leg to compel me to seek another occupation. With your patent artificial leg I can walk a tight rope nearly as well as I ever could. I feel safe and sure on my rubber foot, no matter where I place it. I consider your invention of the rubber foot the most valuable and important to persons who have lost their natural limbs.

Respectfully yours,
Prov. F. E. Jacoby. Waterbury, Conn.

Over 16,000 in use, scattered in all parts of the world. Eminent surgeons and competent judges commend the Rubber Foot and Hand for their many advantages.

Received 24 Awards, ineluding Highest Award, at the World's Columbian Exposition
Endorsed and purchased by the U.'S. Government and many foreign governments.

A treatise containing 430 pages, with 300 illustrations, sent free, also a formula for taking
measurements, by which limbs can be made and measurements, by which limbs can be male and
sent to all parts of the world with fit guaranteed.

## Address,

701 Broadway,
A. A. MARKS,


[^0]
## 25 VEARS IN EVIDENCE

Dear Sir,- Some twenty-five years since we introduced, largely to the medical profession, a combination which we called "BEEF, W INE, nd IRON," giving the exact ingredients and making no claim of proprietorship. It has been very freely prescribed with most satisfactory results. Our sales have been very extensive, amounting to many million bottles, besides a large quantity in bulk for dispensing in prescriptions. The claims we advanced as to its value have been fully verified, and its advantages have been highly appreciated by thousands of the leading practitioners all over the world.

We have no hesitation in stating that as a Tonic, Stimulant and Roborant BEEF, IRON and WINE, properly prepared, has proven more uniformly beneficial than any combination we have ever known.

## IT IS A VALUABLE RESTORATIVE IN CONVALESCENCE

As a nutritive tonic it would be indicated in the treatment of Impaired Nutrition, Impoverishment of the Blood and in all the various forms of General Debility.

Prompt results will follow its use for Pallor, Palpitation of the Heart, and cases of Sudden Exhaustion, arising from either acute or chronic diseases. Doctors, and members of other professions, find it very effectual in restoring strength and tone to the system after exhaustion produced by over-mental exercise.


## AN IMPORTANT POSTSCRIPT

## WYETH'S BEEF, IRON AKD WINE

has made its great reputation because it contains what it claims.
In each tablespoonful of this preparation there is the essence of one ounce of Beef and two grains of Iron, in solution in Sherry Wine. It is, therefore, a refreshing stimulant, the effect of which is not merely to quicken the cireulation and impart a tempogary benefit, but also to supply actual strength.

Physicians and patients have been much disappointed in the benefit anticipated, and often ill effects have been experienced from the use of the many imitations claim. ing to be the same, or as good as Wyeth's. In purchasing or prescribing please ask for "W yeth's," and do not be persuaded to take any other.

## JOHN WYETH \& BRO.

DAVIS \& LAWRENCE CO., Ltd., Mon'real, General A gents P.8.-A sample bottle will be mailed you free of charge if you will write the D. \& L. Co.

## UNIVERSITY OF BUFFALO <br> MEDICAL DEPARTMENT

The 50th Regular Session commences September 23rd, 1895, and continues thirty weeks. The lectures will be held in the large new, three-story building, containing three amphitheatres and rooms for dispensary patients, chemical, pathological, histological and pharmaceutical laboratories, thoroughly equipped with modern conveniences. Instruction by lectures, recitations, laboratory work and clinics. Three year graded course. Clinical advantages unexcelled.

FEES.-Matriculation, $\$ 15.00$ ( $\$ 5.00$ yearly); Regular Course, $\$ 300$ ( $\$ 100$ yearly); Examination Fee, $\$ 30.00$ ( $\$ 10.00$ yearly).

The above includes laboratory fees, dissection, etc.
Send for the Announcement for 1896, with full details of the New Extension Course in Medicine.

## Address- DR. JOHN PARMENTER, Secretary, <br> University of Buffalo, buFfalo, N. .

## The Special attention

TELEPHONE 788
Of the medical profession, medical students, and nurses

## is called to the fact that at <br> Turner's Pharmacy 287 gerard street east Toronto <br> Cor. Parliament Street

Theyean procure Staining Fluids for pathological and histological purposes. Microscopic Goods, also full line of Nurses' Supplies, including surgical instruments. Special discounts to medical men, students, nurses, etc.

## THE INEBRIATES' HOME, FORT HAMILTON, N.Y.

Incorporated 1866. A Hospital for the Treatment of A'coholism and the Opium Habit.
President: Hon. F. S. MABSEY.
Consulting Physician: L. D. MASON, M.D
Medical Superintendent: JAMES A. BLANCHARD, M.D. Assistant Physlian: F. L. DOLBEARE, M.D.
The building is situated in a park of twenty-six acres, overlooking and commanding fine riews of the Narrows, and the upper and lower bay of New York Harbour. The accommodations, table, attendance and nursing are of the best
character and suited to first-class patients. Female department closed. character and suited
For manner and terms of admission, apply to the Superintendent at the Institution, Fort Hamilton, Brooklyn, N. Y.

## CONTENTS.

Original Articles PageCases in Practice. 177
Proceedings of Medical Council ..... 179
Reports of Societies-Third Quarterly Meeting of the Provincial Boardof Health.195
Medical Health Officers of Ontario-CanadianMedical Association196
Provincial Board of Health ..... 197
Simcoe District Medical Association. ..... 199
The Huron Medical Association ..... 200
British Columbia-
A Home for Consumptives. ..... 201
Editocial-
'Verbum Sap'205
Book Notices ..... 207
Personal Items ..... 207
Births. ..... 208
Deaths Page
Selections
The Use and Abuse of Tooth Picks. ..... 159
Toronto Industrial Fair ..... 154
Treatment of Certain Gastric Affections ..... 156
The Differential Diagnosis of Infantile ..... 160
Opium in the Treatment of Diarrhea of In- fants. ..... 166
The Influence of Fatigue on the Auditory Func- tions ..... 170
Disturbances of Innervation. ..... 172
Aristol in Oral Surgery ..... 212
External Application of Guaiacol in Fever ..... 224
Albuminuria of Pregnancy as a cause of death of the Fcotus . ..... 228
The Eticlogy of Puerperal Fever ..... 240
Treatment of Appendicular Colic and Appen- dicitis ..... 242
Alphabetical Index of Formulae ..... 244

## the $\mathbf{A T E L O P E}$

BICYCLES ARE BEAUTIES.

LIGHT ROADSTER, 21 LBS.
Write for Catalogue.
Good Live Agents Wanted in Every Town.
Address- JAMES LOCHRIE
1403 to 1409 Bloor Street West, . . TORONTO.

## Publishers' Department.

## List of Advertisers.





p. 149.8 contains table of contents, which are all bound as under at back volume AND ONTARIO MEDICAl JOURNAL

## NOTICE • CAUTION

$\bar{\phi}$HE success of Fellows' Syrup of Hypophosphites has tempted certain persons to offer imitations of it for sale. Mr. Fellows' who has examined samples of several of these, finds that no two of them are identical, and that all of them differ from the original in composition, in freedom from acid reaction; in susceptibility to the effects of oxygen when exposed to light or heat, in the property of retaining the strychnine in solution, and in the medicinal effects.

As these cheap and inefficient substitutes are frequently dispensed instead of the genuine preparation, physicians are earnestly requested, when prescribing the Syrup, to write "Syr. Hypophos. Fellows."

As a further precaution, it is advisable that the Syrup should be ordered in the original bottles; the distinguishing marks which the bottles (and the wrappers surrounding them) bear can then be examine and the genuineness-or otherwise-of the contents thereby proved.

## HYOROOYHITITE win

IN ITS PHYSICAL and chemical properties somewhat analogous to the ferrocyanide or prussiate of iron; but in medicinal properties widely dissimilar.

## Hydrocyanate of Iron-Tilden

Exerts a specific, sedative effect on the cerebro-spinal nerve centres. It is the remedy of remedies for the radical

## CURE OF EPILEPSY

And all Neuro-cerebral ailments; Chorea Hysteria, Vertigo, Neuralgia, Nervous Headaches and Neurasthenia, generally.
HYDROCYANATE OF IRON-TILDEN is put up in on. . half and one grain tablets, at $\$ 1.00$ per ounce, post-paid if it cannot be procured of druggist. For literature send to the manufacturers.
THE TILDEN CO., New Lebanon, N. Y.

ADVERTISERS-(Continued)
Ontario Vaccine Farm
Ontario Veterinary College
Orr, Dr. J. 0.
Parke, Davis \& Co.
Penetanguishene, The
Pickering, Mrs. F. L.
Platts, R.
Playter, Dr.
Provident Savings Life Assurance Society Potter, Chas
Pyne, Dr, A. R
Pember's Turkish Baths
Pope Manufacturing Co. Pike, D.

## Page

 240 240239 229

176 and Inset 174 238 227
210 -210
-223 247 245 265 254 217
173

Quebec S. S. Co.

Reid Bros. Manufacturing Co.
Readman, Hy, E.
Richelieu and Ontario Navigation Co.
Roberts \& Sons
Rochester Optical Co.
Ryrie Bros.
Rush Medical College
Rotherham House
Rogers, Chas., \& Co.
Salvation Army Printing House
Sanitarium Health Food Co.
Saunders' Medical Exchange
Scott \& Bowne
Seabury \& Johnson
Sole, Fred.
Skull, Theodore
Smith, Lapthorne, Dr.
Society of the Lying-in Hospital, N.Y.
stewart Cycle Co.
Spanner, Oliver

Spence, H. H
St. Leon Mineral Water Co
Stereot Mineral Water Co.
Standard Steam Laundry
Stearns, F., \& Co.
Sunlight Soap
Sutherland, J.
Stevenson, H. M.
Tilden Co., The
Trowern \& Co
Tangent Cycle Co.
Thgent Cycle Co. . . . . . . . 235
Thompson Laboratory, Washington, D.C. - -162
Toronto Cycle Co. - -214
Toronto Nursing Home and Cottage Hospital - 159
Toronto Engraving Co.
Toronto Steel-Clad Bath and Metal Co.
Toronto Radiator Manufacturing Co.
Toronto University
261
Toronto Rubber Co.
Inside front 251
Trinity Medical College
Truro Condensed Milk
Taylor's Safe Works
Turner, H.
Waldron \& Hodges
Walsh, L. P.
Walterhouse, D.
Walter, Dr
Wampole, H. K., \& Co.
Warden King \& Son
Warden King
Watts, Chas.
Watts, Chas.
Western Pennsylvania Medical College
Westminster Hotel, N.Y
Whiteomb House
Wilson, C., \& Son
Worthington and Garratt
Wright. P. R.
Wright. P. R.
Wabash Railroad
Wabash Railroa
Wheeler, T. B.
Women's Medical College, Baltimore . . . . 151

Pagrs
37 49 33 241 153 242 67 240

9 5 12 14 51

## 1

- 257
$\begin{array}{r}-226 \\ -237 \\ \hline\end{array}$
146


## 246

 246246
244
155
155
163
163
256
283
265
223

## The Grange Wholesale Supply Co'y

 Is Headquarters, Toronto, for family supplies, choice table delicacies, pure spices, and all kinds of first-class groceries. Orders amounting to $\$ 10.00$ shipped, freight prepaid.> Catalogue and Price List mailed free on application

We sell goods in any quantities to suit purchasers at wholesale prices. Subscribers to Dominion Medical Monthly and Ontario Medical Journal will do well to open up correspondence with us.

THE


Grange Wiolesale Suppily Eo., Liti.
126 KING ST. EAST,
G. W. HAMBLY, Manazer.

Toronto


LIMAI, KYOX \& CO. - MOVIREAL and TORONTO.

## WOMAN'S . . . mellffl COLLEEE oi BlliIIMORE

Hoffman and McCulloh Sts.
The Thirteenth Annual Session of a Four-Year Graded Course will begin October 1st, 1895. All students are required to assist in the Hospital and the maternite, receiving special instructions and clinical advantages in Gynacology, Obstetrics, Pediatrics, General Medicine, Gynacology, and Eye and Kar diseases, Laboratory Instrucsurgery, and in Chemistry, Physiology, Anatomy, Pharmacy. Histology and Pathology.
Histology and Pathology.
for particulars or catalogue address

> J. R. TRIMBLE, M.D., Dean.

214 We3t Franklin St., Baltimore, Md.

## ${ }^{66}$ STEEL=CLAD" BATHS



Correspondence Solicited.

## 

123 Queen Street East,

A. G. BOOTH,<br>Secretary.

The Use and Abuse of Tooth-PICKS.-The exciting causes of caries of the teeth are invariably external, and among these decomposition of food or of mucus between the teeth holds a prominent place. It follows that removal of such matter must be beneficial. One of the means of accomplishing this is the toothpick, which, judiciously used, is of undoubted value. Food lodges between the teeth from a variety of causes : The extraction of a tooth may lead to those contiguous falling apart and so leaving spaces; improperly filled teeth, such as those left with rough edges and not sufficiently "contoured," that is, built up to the original configuration of the lost part, will form food traps; irregular position of the teeth or recession of the
gums-all these will act in the same way. Attention to the dental toilette before company is certainly inelegant, but it is not necessary here to approach the subject except from a medical point of view. Of the materials used as toothpicks the best is the quill with the sharp point removed, but with this, as with all other forms, care must be observed. By indiscriminate application the gums may be so irritated and injured as to cause recession and thus increase the exciting trouble, or inflammation of the tooth membrane may be caused, a most annoying condition, and one in which the still more vigorous use of the toothpick gives temporary relief, only in reality to add fuel to the fire. Metal toothpicks are good because blunt-pointed, but are too thick to

## SEABURY \& JOHNSON

## Pioneers in the Manufacture of

# Medicinal 

Plasters
Surgical Dressings, etc

> WE HAVE NO SUCCESSORS
> WE HAVE NO CONNECTION WITH ANY OTHER FIRM OUR MANUFACTURES ARE THE STANDAR O OF THE WORLD

Rubber Adhesive Plaster, Belladonna Plaster, Blister<br>Plaster, Mustard Plaster, Surgeons' Isinglass Plaster<br>COTTON WOOL, BANDAGES, GAUZES-ALL KIND3, PLAIN AND MEDICATED, ABSORB $\mathrm{INT}^{\text {AND }}$ NON-ABSORBENT

[^1]
## Seabury \& Johnson,

MANUFACTURING

59, 61 MAIDEN LANE, New York

CHEMISTS

## "And • There • are • Others"

who put out preparations of Cascara Sagrada called Aromatic

BU'T we were the introducers of the preparation, and originated the title to distinguish it by, in 1889.

NOW there is no more resemblance between the Original and its imitations than there is between day and night.

STEARNS' is not bitter, does not gripe, and Does the Work. Its imitations can't say as much.

Send for Samples and literature If unfamiliar with it

## FREDERICK STEARNS \& CO.,

Manufacturing Pharmacists

DETROIT, M:CH. LONDON, ENG. - - - NEW YORK GITY Windsor, Ont.
pass between teeth at all close together. Wood need only be mentioned to be condemned, for it is a by no means uncommon occurrence for small fibres to become detached and jammed between the socket and tooth, leading to chronic periostitis and even loss of the tooth if the condition is not recognized. An excellent substitute for the toothpick, one having few objections and one which will save many a visit to the dental surgeon, is antiseptic, waxed, dental floss silk, which, passed between the teeth night and morning, will invariably reveal accumulations which have escaped the tooth brush.-London Lancet.

Toronto Industrial Fair.The Toronto Industrial Exhibition,
which begins on the 2nd instant, will be far larger than any yet held. There is a noticeable increase of entries in nearly all the departments, and want of space in the buildings, has resulted in disappointment to many of the later applicants. The general features of the fair are so well-known that there is little need to recapitulate them in detail. It is sufficient to say that it presents a complete epitome of the progress and attainments of the Dominion in industry, mechanical invention, art and science, and in addition provides a choice and diversified programme of entertainments, which contains something to please everyone. The customary ring attractions of horse and bicycle races, acrobatic exercises, etc., are varied by a completely new and unique spectacle-a
[Continued on page 156


LISTERINE is a well-proven antiseptic agent-an antizymotic-especially useful in the management of catarrhal conditions of the mucous membrane ; adapted to internal use, and to make and maintain surgical cleanliness-asepsis-in the treatment of all parts of the human body, whether by spray, irrigation, atomization, or simple local applieation, and therefore characterized by its particular adaptability to the field of

## PREVENTIVE MEDICINE-INDIVIDUAL PROPHYLAXIS.

LISTERINE destroys promptly all odors emanating from diseased gums and teeth, and will be found of great value when taken internally, in teaspoonful doses, to control the fermentative eructations of dyspepsia, and to disinfect the mouth, throat, and stomach It is a perfect tooth and mouth wash, INDISPENSABLE FOR THE DENTAL TOILET.

## Lambert's Lithiated Hydrangea,

 Hydrangea and three grains of chemically pure Benzo-Salicylate of Lithia. Prepared by our improved process of osmosis, it is INYARIABLY of DEFINITE and UNIFORM therapeuticstrength, and hence can be depended upon in clinical practice.
DOSE.-One or two teaspoonfuls four times a day (preferably between meals).
Close clinical observation has caused Lambert's Lithiated Hydrangea to be regarded by physicians generally as a very valuable Renal Alterative and Anti-Lithic Agent in the treatment of
URINARY CALCULUS, GOUT, RHEUMATISM CYSTITIS, DIABETES, HAEMATURIA, BRIGHT'S DISEASE, ALBUMINURIA AND VESICAL IRRITATIONS GENERALLY.
We have much valuable literature upon General Antiseptic Treatment, Lithemia, Diabetes, Cystitis, Etc., to forward to physicians upon request. -

LAMBERT PHARMACAL COMPANY, St. Louis. Mo.

A Vitalizing Tonic to the Reproductive System.

## SANMETTO

## GENITO-URINARY DISEASES.

EA Scientific Blending of True Santal and Saw Palmetto in a Pleasant Aromatic Vehicle.

## SPECIALLY VALUABLE IN

Prostatic Troubles of Old Men-Pre-Senility, Difficult Micturition-Urethral Inflammation, Ovarian Pains-Irritable Bladder.

## POSITIVE MERIT AS A REBUILDER.

Dose:-One teaspoonful four times a day.

## OD CHEM. CO., NEW YORK.



FREE-Physician's Pocket , Day Book and Visiting List on application.
Thos. CRUITENDEN, JR., $\quad \frac{\text { Gratuate Ontario and Neiv York }}{\text { Colleges of Pharmacy }}$

$$
\begin{gathered}
\text { DISPENSING } \\
\ldots \text { CHEMIST } \\
\hline
\end{gathered}
$$

Gerard and Sumach Streets, opposite the General Hospital TorOnto
P.S.-I wish to direct the special attention of medical men to the fact that Thave just laid in a full stock of Parke, Davis' fluid extracts, pills, triturates, etc., and am desirous to have members of the profession call and see me.

# Walter's Sanitarium <br> Walter's Park, Wernersville, Penn. <br> One of the best Winter Resorts in the States. Located in Southern Pennsylvania. 

water fete and aquatic exhibition, with beautiful tableaux and splendid scenic effects-introducing a number of exciting and pleasing comic performances, such as fancy swimming and diving, and brilliant vocal and instrumental music, everything being arranged on a lavish scale. The evening military and pyrotechnic spectacle, "The Relief of Lucknow," shows a number of realistic battle scenes, nautch-dances, marches, etc., in which over 400 performer are engaged, and closes with a grand display of fireworks. Special railway arrangements with all leading lines reduce the cost of a visit to a comparatively small sum.

Treatment of Certain Gastric Affections.-From a recent article
of Dujardin-Beaumetz (Bulletin General de Therapeutique) and quoted from The Therapeutic Gazette, we cull the following: Every individual suffering from disease of the stomach in whom there exists a true arrest of gastric function, or a tendency to such a condition, should on going to bed lie on the right side, in order to facilitate the passage of the food into the duodenum. Lying on the left side gives rise to the formation of a large amount of gas, accompanied by a regurgitation into the oesophagus of the products of digestion. Patients should make use of warm drinks. The usefulness of these is evident ; in fact, warm water is one of the best means to excite muscular contractions in the stomach, but it is liable to cause vomiting. It is therefore pref[Continued on page 158

## New York Polyglinic and Hospital

THE NEW YORK POLYCLINIC is the oldest post-graduate medical school in America, and was founded with the object of giving physicians who desire to keep abreast of an advancing science opportunities of studying clinically, and according to the latest scientific methods, Medicine and Surgery in all departments. The school is for graduates only, and practical instruction is given in every branch of the subject. The Clinical Material for every Subject is abun. dant, and Canadian physicians will find the opportunities for either general or special study far superior to those of London.

Practical Obstetrics, Clinical Microscopy, Pathology and Bacteriology are also taught. The regular session lasts from Sept. 25th to June 15th, and physicians can enter at any time. The Summer Session gives excellent opportunities for the personal observation of cases. Dr. A. R. Robinson (Toronto University), Professor of Dermatology, will give advice as to the best course to any Canadian physician
desiring it.

```
...faculty...
```

Surgery.-John A. W yeth, M.D., R. H. M. Dawbarn, M.D., Wm. F. Fluhrer, M.D.

Medicine.-R. C. M. Page, M.D.. W. H. Katzenbach, M.D. H. N. Heineman, M.D., J. Adler, M.D. Gynaccology.-W. Gill Wylle, M.D., Paul F. Munde, M.D., Henry C. Coe, M.D., H. Marion Sims, M.D., Florian Krug, M.D., J. Riddle Goffe, M.D., W., R. Pryor, M.D.

Eye.-David Webster, M.D., W. B. Marple, M.D. Rectum.-J. P. Tvttle, M.D.
Orthopcedic Surgery.-W. R. Townsend, M. D.
For Catalogue or information, address
H. E. STAFFORD. Ass't Sec'y

Ear.-Oren D. Pomeroy, M.D., J. E. Sheppard, M. D., R. C. Myles, M.D.

Throat and Nose.-D. Bryson Delavan, M.D., Jos. W. Gleitsmann, M.D., Morris J. Asch, M.D.
Diseases of Children.-L. Emmett Holt, M.D., August Seibert, M.D.
Diseases of the Skin.-A. R. Robinson, M. D., Edward B. Bronson, M.D.

Nervous Diseases.-Landon Carter Gray, M.D., B. Sachs, M.D.
Obstetrics.-Edward A. Ayers, M.D.
Intubation.-Dillon Brown, M.D.
J. RIDDLE GOFFE, M.D. Sec'y, 214-218 E. Thirty-Fourth St., New York

## Detroit College of Medicine.

SEPARATE DEPARTMENTS OF

## Medicine, Pharmacy, Dentistry, Veterinary Surgery.

Thorough Courses and complete equipments in all departments. Excellent corps of teachers. Hospital and clinical facilities unsurpassed.

## Send for Catalogues to

## H. O. Walker, M.D., Sec'y, - Detroit, Mich.

 Chloroform ano Ether SulphuricPare. Lyman's S, G. 1.49 .

Pure. Lyman's S. G. 0.725

## FOR ANAESTHETICAL PURPOSES.

(The above have been manufac Surgeous and Physicians in Canada.)

The late Dr. J. H. MeCollum said of our Chloroform, "that during the nearly five years that I held the position of Medical Superintendent of the Toronto General Hospitai, the Chlarm manu. factured by The Ly,man Bros. \& No., L.td.. Was administered years in private practice." no case had we fatality fromit. Ihave atso used form

Dr. T. G.Johns on, Sarnia, says: "For the last six or seven in surgical and obstetrical practice. than that manufactured by The Lyman Bros. \& co., bed.. bofied with it."

## (1st. Its Comparative f heapness.

## We claim the

following advantages 3 rd. The after-effects are not so pronounced.
$\left\{\begin{array}{l}\text { 3rd. The after-effcets are not so pronounced. } \\ \text { 4th. Nooftensive odor duriag administration. }\end{array}\right.$
Dr. O'Reilly, Meoical Superintendent of Toronto General Hospital, say k of our Ether Sul. phuric: " During the last several years the Ether manufactured by 'i, e Lyman Bros. \& Con. Ltd. has been extensively used for anæsthetical purposes in Toronto General Hospital, and no accident has taken place from its administration."

Dr. James F. W. Ross says: "I have overcome my former prejudice against Ether, but The Lyman Bros. \& Co., Ltd., are now supplying an article put up in $\frac{1}{4}$ and $\frac{1}{2} \mathrm{lb}$. tins equal to any in the market. I have used it frequently, and have seen it used by others during the last twelve months for operations of a!l degrees of severity. The after-effects are no greater than after Squibb's or any other pure Ether.

We claim for this absolute purity and comparative
cheapness. When ordering, specify LYMAN BROS.
THE
LYMAN BROS. \& CO., LTD. - TORONTO
erable to administer infusions of chamomile, anise seed, or some other similar aromatic substances, and as warm as they can be borne. In these cases the ingestion of mineral waters is likewise useful. Alkaline waters in small doses, half an hour to an hour after meals, increases the secretion of gastric juice and its acidity; hence their advantage in cases of dyspepsia attended with a subnormal amount of hydrochloric acid in the gastric juice. Even in those cases where there is an excess of this acid, the alkaline waters do good, and in these instances through a different mechanism : they influence the mucous membrane of the stomach, so as to diminish its congestive and inflammatory condition, which is often the origin of the hyperacidity. The same may be said
in regard to the use of bicarbonate of sodium, which should be administered during or after meals. A very good adjuvant in these cases of slow digestion is massage ; this measure not only enhances muscular contraction of the walls of the stomach; but also increases the secretion of gastric juice, and manifestly modifies for the better chemical changes during digestion.Medical and Surgical Reporter.

The American Electro-Therapeutic Association, will hold its Fifth Annual Meeting at "The College of Physicians and Surgeons of Ontario," in Toronto, Canada, on Tuesday, Wednesday and Thursday, Sept. 3rd, 4th and 5th, 1895. Dr. Emil Heuel, secretary, 352 Willis Avenue, New York City, U. S. A.

## THE FEDERAL LIFE ASSURANCE CO.

## HEAD OFFICE: HAMILTON, ONT.

## Guarantee Capital, - - \$700,000,00,



Most Liberal Policies. Age having been admitted, there is no CONDITION but payment of Premiums after the First Year. Inquire for the "Accumulation Policy," the "Compound Investment Policy," or the "Guaranteed Four-per-cent. Insurance Bond."

JAS. H. BEATTY,<br>(North-West Transportation Line)<br>President.

## DAVID DEXTER, <br> Managing Director.

## THE TORONTO NURSIIGG HONE

 cottage "' Hospltal .27 AND 29 MONTAGUE PLACE (facing Homewood Avenue), TORONTO.

RECOGNIZING the demand which exists for some Institution, other than a public hospital, where the advantage of trained nursing can be obtained under the direction of the medical attendant of the patient, it has been decided to establish

## THE TORONTO NURSING HOME AND COTTAGE HOSPITAL

under the following regulations :
Patients admitted to the "Home" may be attended by their own doctor, or by the Medical Superintendent of the Institution, as they may desire.

Where patients are treated by their own physician, his directions will be carried out by trained nurses, and the latter will be entirely responsible to the doctor in charge of the patient for the proper performance of his instructions.

Patients will be admitted for Surgical Operations, Confinements, Massage, Electrical Treatment, and all non-infectious diseases.

Massage, etc., may be obtained at the Home without residence if so wished.

Both male and female patients will be received.
The Institution will be made as comfortable and home-like as possible, and is pleasantly situated close to the Horticultural Gardens, and easily reached by the Carlton Street or Belt Line Cars.

Particulars can be obtained from Dr. Lowe, Medical Superintendent, or Miss Dover, Graduate of Toronto Training School, at the "Home."

Medical men and others interested are cordially invited to call and see the Institution.

The charges for Rooms, Nursing, and Medical Attendance, will be $\$ 25.00$ per week in advance.

For Rooms, Nursing, etc., without Medical Attendance, the charge will be $\$ 6.00, \$ 10.00$ and $\$ 12.00$ in advance.

For Massage, Electrical Treatment, etc., without residence, the fee will be $\$ 1.00$ per treatment.

References given when required.
Toronto, September 4, 1893.

The Differential Diagnosis of Infantile Scurvy.-Dr. J. H. Fruitnight (Ar.hives of Pediatrics) summarizes bur knowledge of scorbulus as follows: It is the result of a faulty nutrition which leads to a deviation from the normal chemical composition of the blood, probably a deficiency of its alkalinity. The disease is characterized by a blood dyscrasia accompanied by structural changes in the coats of the bloodvessel. The bone and joint-lesions, the spongy condition of the gums, and the petechix constitute a triad of symptoms highly pathognomonic of the disease. One or both of the two last-named symptoms may be lacking. The order of development of the symptoms seems to be: First appear the tenderness and swellings of the lower extremity, then the sponginess
of the gums, and finally the hæmorrhagic extravasations. Under the treatment these symptoms begin to improve in the same order of sequence, the epiphyseal lesions disappearing more rapidly than the other two. If there be any doubt of the diagnosis of a given case, recourse should be had to the therapeutic test of an antiscorbutic regimen, which will by its results, in a comparatively short space of time, determine the question beyond cavil. The prognosis is nearly uniformly favorable under proper treatment, and the likelihood is that as physicians become more familiar with and competent ${ }^{*}$ in diagnosticating the disease, its mortality will be reduced to nil. The main principle involved in the treatment of infantile scurvy is comprised in the institution of antiscorbutic dietetic measures

## ( WEIT OIE OTE OIEMM

(DUNCAN'S, S.G. 1497).
From Pure Hlcohol . . . . .
From Methylated Alcohol ABSOLUTELY PURE.

## OIEIIOIEO E OIRIMI

(DUNCAN'S, S.G. 1490. )

## Containing about one per cent. of Alcohol.

We now supply Chloroform containing about 1 per cent. of Alcohol, and having a speciffo grapply Chloroform containing about ader cent. of Alcohol, and having a effect in diminishing the anæesthetic power, it renders the chloroform

PRAGTICALLY NON-DECOMPOSABLE UNDER ANY CIRCUMSTANCES.
In ordering this variety please say:-
Chloroform Pure (Duncan's, S.G. 1490).
Chloroform Meth. (Duncan's, S.G. 1490) N.B.-We can only guarantee Chloroform to be of our manufacture when it is sup-
plied in bottles bearing our label, and having the stoppers sealed with one of our plied in bottles bearing our label, and having the stoppers sealed with one of our trade-mark Straps, Our Chloroform is put up in
$1 \mathrm{oz} ., 2 \mathrm{oz}$., $1 / 4,3 / 2,1,2,4$ and 7 lb . Bottles,
and may be ordered through any Wholesale Drug House in Canada.

## Duncan, Flockhart \& Co., manurfactuzina onemists.

EDINBURGH.

## VERY OLD

Malaga and Marsala Wines. Highly recommended for invalids.

## SPECIALLY

Old and fully matured Port and Sherry Wines. (Vintage, 1860.) Sir R. Burnett's world-renown Orange Bitters.

## PURE OLD BRANDIES AND WHISKIES

N. JOHNSTON \& SONS

Celebrated Clarets and Sauternes, the most reliable and popular. bottled by themselves in the best condition, in Bordeaux, and imported direct at first cost. A full assortment in quarts and pints.
CHABLIS', BEAUNE and MACON BURGUNDIES
All orders from the country promptly attended to.

## BOTT'S MALT STOUT

TELEPHONE 625

433 Yonge St., Toronto, Ont.



PEORGETOWN UNIVERSITY, - MEDICAL DEPART. A MENT.-Forty-ifth Session opens October 1, 1895, and will continue seven months. Instruction is given by lectures, recitations, clinical teaching, and practical demonstrations. In the subjects of Anatomy, Chemistry, Physiology, Hygiene, Histology, Pathology and Bacteriology specini practical instruction is given in well-equipped laboratories, The Government Museums are open to stu. dents. Excellent and ample clinical facilities are fur. nished. For annual announcement address the Dean, G. L. MAGRUDER, M. D.,

815 Vermont Ave., Washington, D.C.

The . . .
Medical Publishing Co.
Rooms 97, 08, 99
CONFEDERATION LIFE B'LD'G, TORONTO pUBLIBHERS OF
"Dominion Medieal Monthly and Ontario Medical Journal" $\$ 1.00$ per annum outside of Ontarlo, British Colt mbia and $\mathrm{N}_{\mathrm{t}}-\mathrm{W}$. Territorles

## MEDICAL PRACTICE AND PARTNERSHIP OFFIGE

Opened for the Convenlence and Protection of the Profession, For the Purchase and Bale of Practices,

The Purchase and Sale of Guitable Properties, The Arrangement of Partnerships. Securing Eligible Openings, Aasistants, Locum tenens, and Office Students.
As All Transactlons and Oommunlcations Btrictly Oonfidentlal.
prictices por sale in meablis

## bevery part of canda

See list in "Ontario Medical Journal"
Letters must be direct from Medical Practitioners, and must enclose stamp for reply, otherwise they will remain unyotioed

## DR. W, E, HAMILL

King and Yonge Streets Room 11, Janos Builaing - TORONTO
Physicians, Druggists and Dentists desiring to locate in the Pacific Coast States or purohase an established buainess should address the Medical Exchange Bureau, Daym D, Lץxct, Manager, Portland, Oregon, U.S.

A General Feeling of Buoy-Ancy.-Dr. J. M. Reese; of Phillipsburg, N.J., reports an interesting case as follows: "Miss N-, school teacher, came under my care in April. Anæmic, nervous system very much depressed by reason of extra work and strain, attendant upon preparing for the annual examination. She was suffering from sub-acute Laryngitis, the vocal chords relaxed. She would not give up her work, which required great exertion of the vocal organs. I used a course of tonics and other customary remedies without giving relief. I then put her on Maltine with Coca Wine, and she responded promptly. The hoarseness disappeared, and she has improved constantly ever since she began to use this preparation; her general condition improved in every
respect; increase in weight was marked, and she often spoke of a general feeling of buoyancy. . It appears to me that we can always depend upon getting good results in this class of cases from Maltine with Coca Wine. The tonic and sustaining effect of the coca, added to the diastasic properties of the Maltine, makes it just exactly what we need in so many diseases of modern life."

He Couldn't Afford It.-A mother was urging her son to purchase an overcoat, and he was insisting that he could not afford one. " Very well, then," said she, "you will get pneumonia; see if you don't." "No," said he, "I won't get that either ; I can't afford anything new." - New York Sun.

## PIL ORIENTALIS THompson

## Endersed by the Medical Facuity as the only reliable Aphrodisiac upon the market, and that it has no rival in Pharmacy for Impotency or Loss of Erectile Power. Contains the new Aphrodisiac "Ambrosia Orientalis." <br> UULLED FROM CNSOLIOITED TESTIMONIALS :

DR. W. W. WOODRING, U. S. Peasion Examiner, Mt. Pleasant, Utah, says: "I have been using your Pis Orientalis in my practice now for six months, and must say that they are all that you claim for them, and even more in senile cases of impotency. My official position as U. S. Pension Examiner gives me many opportunities with the adjunct to other treatever come to light otherwise, and I am prescribing the pills for impotency often, and as an experience in general prett in ovarian congestion. I consider them the must patent aid I have found in thirty years DR, E, E, GLEASON W
than any other that I have nsed Brome, P.Q., Canada, says: "I think that the effect of your pills is more lasting
DR. F. L. SIM, Memphis, Tenn, says: "Your pills will have a great future.
e. . . . They are reliable."

DR. M. RANDOLPH LATIMER, M.D., Aquasco, Md. (1855), says : "I had my druggist obtain me a bottle, which I used on an old gentleman over 70 years, for functional impotency, with deeided benefit."

Put up in bottles, $\$ 1.00$ by mail upon receipt of price.
in boxes, containing 12 bottles, plain label, for dispensing, $\$ 9.50$ net.
Address for literature, formula, etc.,

## THE THOMPSON LABORATORY, Washington, D.C., U.S.A.

[^2]
## TO THE MEDICAL PROFESSION

## IS INVALUABLE IN HOT WEATHER.

Gruel should be made from Patent Groats, and with milk it then forms a perfect diet, with muscle, bone and flesh formers nicely balanced.
Babies after eight months old should be fed upon Robinson's Patent Groats, with an occasional return to Robinson's Patent Barley.

Manwactural onily bu KEEN, ROBINSON \& CO. LTD., LONDON, ENC.

## The Old Song Says

"Men must work and women must weep." We say, " Doctors will use As-Par-O-Line Compound and Women will smile." As-Par-O-Line Compound relieves Amenorrhœa, Leucorrhœa, Dysmenorrhœa. The Editor of the Indiana Medical Journal says-unsolicited-that As-Par-O-Line Compound is "popular with the ultra-ethical." We publish the formula below, and the results of its use will speak for themselves. If you will send us your name we will send you enough-free-to make one woman smile. May we?

| pormula |  |
| :---: | :---: |
| Parsley seed . ${ }^{\text {a }}$. | Grs. 30 |
| Black Haw (bark of the |  |
| $\underset{\text { Asparagus seed }}{\text { rot) }}$ : | ". 60 |
| Gum Guaiacum . . . | " 30 |
| Henbane leaves . . | " 6 |
| ${ }^{\text {ies }}$. To each fluid | ounce. |

Prepared solely by
HENRY K. WAMPOLE \& CO.
Pharmaceutical Chemists
. PHILADELPHIA, P.A.

The Relation of Hysteria to Insanity.-Dr. Ballett, of Paris, in Gaillard's Medical Journal, says that all the mental disturbances of hysteria are not due to it alone, for its association with unsoundness of mind and the fact of a common origin, heredity, he is pleased to consider the changes in the mental machinery almost identical in both, but while so closely allied and often combined they are yet each a distinctive disorder and should be treated as such ; and for want of the recognition of this fact, hysteria has often been assigned as the cause of many morbid mental changes for which it, in truth, cannot claim an incipient parentage. Hysteria, while a mental disease, is a too easy or active association of ideas, for those which preside over the manifes-
tations are independent of consciousness, and, therefore, there are present two personalities: one the aggregate of the subconscious phenomena, and the other the conscious personality, perverted in part by the effect of the former ; thus, by the division of the ego into two separate activities, there may arise from an unconscious impulse a mirrored prototype of the past as observed in the normal physical life.-Medical and Surgical Reporter.

Mrs. Selby-"Doctah, de chile dun gone swaller 'r pint ob ink." Doctor"Hab yo'dun ennyding fo' de relief ob 'im ?" Mrs. Selby - "I'se dun made 'im eat free sheets ob blottin' paper Doctah. Was dat rite?"-Brooklyn Life.


## SAVARESSE'S CAPSULES

 THEY ARE NOT MADE OF GELATINETHEY ARE MADE OF MEMBRANE
In consequence of the membraneous coating they are FREE FROM THE OBJECTION8 TO ALL GELATINE CAPSULES. They do not dissolve until they have passed the stomach, entered the bowel, hence, avoiding all PRESCRIEED BY THE FACULTY IN ENGLAND FOR 50 YEARS, Other coples of Testimonials on appifeation

12 College Square East, Belfast, 25th Feb., 1890.

[^3]Savaresse's Capsules are undoubtedly the best forms in which the oil can be presoribed. The Capsules do not burst until they have passed oup of the stomach, and consequently the nauseous eructations, common to allother mothods of admin. istration, are entirely a voided.
J. H. Scomis, F.R.O.S.L.

Surgeon to the Adelaide, Honpital, Dublin.

One Box Free for a trial on application to
EVANS \& SONS, LTD.,
Agente for the Sole Proprietore, EVARS, LEscher d WEBE, LOMDon.

## "H v C. 99 <br> Hayden's <br> Viburnum <br> Compound

Specially Recommended in the
AILMENTS of WOMEN
AND IN OBSTETRIC PRACTICE

Perfectly Safe in all Cases

## TWENTY-SEVEN YEARS

Before the Medical Profession with a record never before accorded to any other special remedy in any country.

## PROMPT, SAFE ${ }_{\text {a }}{ }^{\mathrm{D}}$ RELIABLE

Seven thousand physicians in the United States and two hundred in the Dominion of Canada have given it their written endorgements. Dispensed by all apothecaries. Send for Canadian Handbook, FREE.

## the New York Pharmaceutical Co.,

 bedford springs. mass.
## ESTA BLISHED 1856

Offices and Yards:
FRONT BTREET NEAR BATHUR8T
Telephone Na. 182
YONGE STREET DOCKS
Telephone Na. 180

## P. BURNS \& CO.

Wholesale and Retail
Dealers in
C○AL
. AND . .
$T \mathrm{~T}$

HEAD OFFICE :
38 KING ST. EAST Telephone No. 131

Toronto

## Branch Offices:

$388 \frac{1}{2}$ YONGE STREET. Telephone No, 151 546 QUEEN ST. WEST. Telephone No. 139

## SANITARY PROTECTION

As the surest means of protection ngainst the rirulence of Smallpox, Cholera, Díphtheria, La Grippe, and other infectious diseases, use


It is so cheap that every household, school, institute and surgery should not be without it.
Endorsed by the highest medical authorities, Sold in $\$ 1$ tins, making 25 gallons of powerful germ-destroying, reliablo disinfectant.
.. See that you get a Tin ..

## MYERS \& CO.,

Sole Mfrs., - TORONTO, ONT,

The annual announcement of the Ontario Veterinary College for Session 189596 has just been forwarded to us. In the exercises at the close of the last session we notice a large list of prize and honor men, and see by the questions that were submitted to the students, that the college fully maintains its well-known reputation for sound scientific, as well as practical work. The session will commence this year on Wednesday, October 16 th.

Opicm in the Treatment of Diarrhea of Infants.-Dr. Floyd M. Crandall (Gaillard's Medical Journal) says: "In diarrhoea much opposition to opium has arisen during recent years, due chiefly to misapprehension as to its proper applications. While its improper use may do much
harm, it is an agent of the greatest value and should not be abandoned. It is contra-indicated: (I) in the first stages of acute diarrhoea before the intestinal canal has been freed from decomposing matter; (2) when the passages are infrequent and of bad odor ; (3) when there is a high temperature or cerebral symptoms are present ; (4) when its use is followed by elevation of temperature or the passages become more offensive. It is indicated: (I) when the passages are frequent, with pain: (2) when the passages are large and watery; (3) in dysenteric diarrhœa, together with castor oil or a saline ; (4) in late stages, with small, frequent, nagging passages ; (5) when the passages consist largely of undigested food, and the bowels act as soon as food is taken

## BLAUD'S PILL CAPSULES

# Equal to 1,2 or 3 Blaud's Pills, and Capsules of <br>  <br> BLAUD'S PILL 

These far surpass Blaud's Pills in efficacy, as they neither oxidize nor harden


## Beg to Announce

To the medical profession that I have a full stock of the latest and best medicinal preparations, and having every facility for the dispensing of prescriptions, solicit their patronage . . . . . .

## G. E. Butler, $\underset{\substack{\text { Pracryporiat }}}{\text { Drocid }}$

וess mcoall str, Terento Telephone 582
J. A. Sutherland, manupacturer of

## CABINETS, MANTELS, AND ALL

 lines in ARTISTIC FURNITURE.
## Medicine Cases and Office Furnituro Made to Order.

Repairing Promptly Attended to.
427 Spadina Ave.. Toronto.


THE EMPIRE


Is an 11 -inch supporter, with button inserted at the navel. Can be worn day and night.

PRICE, \$4.00.


RTLASTIG BANDAGB
Specially sdapted for varicose veins, and superior to elastio stockings. The mosi elastic and absorbent bandage made.
Send $\$ 1.00$ for aample 3. inch by 5 -yard bandage on approval.
We send all our goods Free by mail upon receipt of price, and refund money if not satisfactory.
THE BMPIRE WANUFAGTURING CO.
13 Spring st., Lockport, N.Y., U.S.A.
into the stomach. The dose should be as small as possible, sufficient being given to relieve pain and check peristalsis. It should not be added to the ordinary diarrhœa mixture, to be repeated at short intervals. It should be given alone, and at intervals sufficient to allow the effect of one dose to subside before another is given. This interval will rarely be less than four hours."-Medical and Surgical Reporter.

Physicians in prescribing Sandal Wood Oil Capsules would do well to specify Savaresses. They are made of membrane, and not gelatine, and pass through the stomach before becoming digested, so that patients do not suffer from the disagreeable eructations so common after the admin-
istration of this preparation. These capsules are endorsed by such men as Dr. Thos. Ball, the well-known physician of Belfast, and Mr. J. H. Scott, Surgeon to the Adelaide Hospital, in Dublin. Savaresses' Capsules can be obtained any time from Evans \& Sons, Ltd., of Montreal.

Alexandre Dumas wrote his autograph for a successful quack who lavishly entertained him :
" Since my good friend here, Gallipots, Has fixed his dwelling in this town, The hospital has been torn down-"
"Good, good," murmured the doctor, who was looking over the writer's shoulder. The poet concluded his epigram :
"And the site sold for burial lots."

## NO PHYSICIAN'S OUTFIT IS COMPLETE WITHOUT

## Dr. Gowers' <br> Hæmacytometer

For the Numeration of Blood Corpuscles. Price $\$ \mathbf{1 6 . 0 0}$, sent by parcel post in exchange for money order.

## Dr. Gowers' <br> Hæmoglobinometer

For the Clinical Estimation of Hæmoglobin. Price $\$ 5.50$. Postage paid.

## Dr. E. Lloyd Jones' <br> Hamometer

For ascertaining the Specific Gravity of the blood.

A descriptive pamphlet and price list mailed
froe on application by the SOLE MAKER,

> T. HAWKSLEY,

359 Oxford St.,

## HENNESSY'S

## Brandy

## SHERRIFF'S

> Scotch Whisky

## HUNT'S

Port....
The above thoroughly reliable for use in cases of illness.

## GILLESPIES \& CO.

Montreal, AGENTS FOR CANADA

## RUSH MEDICAL COLLEGE.

## Medical Department of Lake Forest University.

## تAOUエTY.

EPHRAIM INGALS, M.D., Emeritus Professor of Materia Medica and Medical Jurisprudence.
Delaskie miller, Ph.D., M.D.
Emeritus Professor of Obstetrics and Diseases of Children.
EDWARD L. HOI,MES, A.M., M.D., Pres't.
Protessor of Diseases of the Eye and Ear, 31 Washington Street.
HENRY M. LYMAN, A.M., M.D
Professor of the Principles and Practice of Medicine, 200 Ashland Boulevard.
JAMES H. ETHERIDGE, A.M., M.D., Secretary Professor of Obstetrics and Gynecology, 31 Washing. ton Street.
WALTER S. HAINES, A.M., M.D.
Professor of Chemistry, Pharmacy and Toxicology, Rush Medical College.
J. NEVINS HYDE, A.M., M.D.

Professor of Skin and Venereal Diseases, 240 Wabash Avenue.

NORMAN BRIDGE, A.M., M.D.
Professor of Clinical Medicine and Physioal Diagnosis. Los Angeles, Cal.
ARTHUR DEAN BEVAN, M.D.
Professor of Anatomy, Rush Medical College.
NICHOLLS SENN, M.D., PH.D.
Professor of the Practice of Surgery and Clinical Surgery Rush Medical College.
JOHN B. HAMILTON, M.D., LL,D.
Professor of the Principles of Surgery and Clinical Surgery, Rush Medical College.
DANIEL R, BROWER, M.D.
Professor of Mental Diseases, Materica Medica and Therapeutics, 34 Washington Street.
TRUMAN W, BROPHY, M.D. D.D.S.
Professor of Dental Pathology and Surgery, 96 State Street.
E. FLETCHER INGAIS, A.M., M.D

Professor of Laryngology, 34 Washington Street.

The Regular Annual Session of Lectures will begin the last of September yearly, and will continue eight monthr The requirements for entering the College and for obtaining the degree are fully described in the annual announce ment, which will be sent to any address upon application.

The Clinical and Hospital facilities for instruction are unusually large.
For further information address the Secretary,
DR. J. H. ETHERIDGE,
1634 MICHIGAN AVE., CHICAGO, ILL.

## 

 POCKET KODAK.

Embodies all the photographic virtues in a dainty little package of aluminum and leather.

> Pocket Kodak loaded for 12 pictures, $11 / 2 \times 2$ inches,
> $\$ 5.00$
> Developing and Printing Outfit, $\quad 1.50$

EASTMAN KODAK COMPANY,
Sample photo and booklet ROCHESTER, N. Y

## BENCER'S FOOD

For Infants, Invalids, And the Aged

Gold Medal Awarded<br>HEALTH EXHIBITILN, LONDON<br>First Class Award ADELAIDE, 1887, AND MELBOURNE, 1888

The Lancet describes it as "Mr. Benger's admirable preparation."

The London Medical Record says: "It is retained when all other foods are rejected. It is invaluable.

The British Medical Journal says: "Benger's Food has by its excellence established a reputation of its own."

The Illust,ated Medical Nevs says:-"Infants do remarkably well on it, There is certainly a great future before it."

## Benger's Food

Is Sold in Tins by chemists etc. everywhere

Wholesale of all wholesale houses

The Influence of Fatigue on the Auditory Functions - The New York Medical Journal says that, in order to study this question, the author made examinations of twentyfour bicycle-riders after they had ridden thirty-two miles in two hours and a quarter. Two of the men complained of subjective noises only, while in nearly all of them the perception of sounds byaërial conduction was less marked than in the normal condition, and Rinne's experiment showed negative results. In the riders who were subjected to an examination with tuning-forks a slight diminution in the perception of loud sounds was ascertained. The only lesion noticed was a slight hyperæmia of the drum membrane. The competitors were again examined after a rest of from two to
seven hours, and in six of them the auditory power was found to be the same ; in two it was not so good, and in the sixteen others it was better, the aërial perception having increased from a few centimetres to a metre and a half, and Rinne's experiments gave positive results. The men in whom the amelioration was the most marked, in whom, consequently, the hearing had undergone the greatest change were those who had had little experience or training. Physical fatigue. says the writer, evidently causes a temporary weakening of the auditory power. This fact demonstrates, besides, he says, that the effects produced by great physical exercise are not shown by muscular fatigue only, but they remotely affect the entire organism and especially the nervous
[Continued on page 179

## INTEGRITY

Physicians are called upon almost daily to test the integrity of medicines. Their prescriptions call for combinations that test the intelligence and integrity of the druggist. New preparations are presented for their judgment, and there is constant vigilance on the part of the doctor needed to maintain the high standard of even the remedies they prescribe.

We believe that the integrity of Scott's Emulsion of Cod-liver Oil and Hypophosphites is never doubted. We ourselves know that the high standard of our preparation is always maintained, and we believe it justifies the confidence of physicians. There is no substitute for Scott's Emulsion in cases where Cod-liver Oil is indicated.

Physicians in their practice will find Scott's Emulsion always the same. It does not separate or become rancid. The ideal combination of the finest Norway Cod-liver Oil, Hypophosphites and Glycerine is found in no other remedy, and the way children take it shows its palatability.

Physicians know better than we when Scott's Emulsion is needed. We merely claim to know better than anybody else how to make a perfectly mechanical emulsion of Cod-liver Oil, and we have the best means for making such.

We hope physicians will pardon a word of caution when we call their attention to the growing evil of substitution. If Scort's Emulsion is prescribed, Scott's Emulsion, and not an inferior substitute, should be taken by the patient.

## The Latest Invention

## $\cdots$ SKULL'S $\cdots$

## Okonite Trusses



Guld Medal, Paris Exhibition, 1889 . . . . . Gold Medal, "World's Fair," Chicago, 1893

AWARDS

KULL'S OKONITE TRUSSES for rupture are in all respects the most pe fect and uniqite instruments ever offered to the public as mechanical supports and romedial applifances for any form of Pupture or Internal Prolapse. These trusses are of the best possible manufactur-: they are self-adjusting, light and comfortable. The external surface being completely covered with a non-absorbent material (Okonite), of a flesh colour, resembling ivory, they cannot bes detected when bathing; they are absolutely impervious to moisture, perspiration and the acid excretions of the skin, cannot rust or get out of order, cause no cutaneous irritation, will hold securely any size protrusion without pain, may be washed when necessary with impunity, and can therefore be worn any length of time in any climate without becoming offensive, as is the case with those constructed of leather, elastic and other objectionable materials of a porous character.

SKULL'S OKONITE TRUSSES for Rupture weigh only a few ounces, and being practicaily indestructible, can be guaranteed to last a lifetime, this involving no farther exp nse to the purchaver beyond first cost; and the undoubted advantages they possess over every other truss extant, constitute them as absolutely the best, and therefore the cheapest that can be procured. The following aro a few extracts from the leading Medical Journals:

The Lancet. - "Skull's Okonite Trusses are the most effective we have ever noticed."
British Medical Journal.-"They are scientifically constructed, and give perfect support in all cases."
Medical Press and Circular.- "Will no doubt come into general use,"
Illustrated Medical News.-"We can with every confidence recommend them to all sufferers from Hernia (Rupture) and Prolapsus."

Thousands of unsolicited Testimonials from all parts of the world

## NOTICE . . .

I employ no travellers or agents, and they are only supplied direct, packed in wood cases, with plain address labels, by return of mail on receipt of P.O. Order or Blank Draft, made payable to Theodore Skull, Shaftesbury Avenue, W.

SKULL'S NEW OKONITE TRUSSES are manufactured in three distinct qualities at the following prices:

Best Qlty. Med. Qlty. Com. Qlty.

| Single Truss, for right or left side | - | each | $45 / 6$ | $35 / 6$ | $25 / 6$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Double Truss, for both sides | - | - | $*$ | $9 /-$ | $71 /-$ | $51 /-$ |

Measurements Required.-The entire circumference round the body two inches below the top of the hips, in a line with the protrusion. State if the rupture is on the right, left, or both sider, or at the navel, and about the size of protrusion, and any special characteristic of the displacement.

##  9I SHAFTESBURY AVE., LONDON, W., ENGLAND

system, and the special senses, on account of the delicacy of their functions, are more likely to reveal the effects. The enervation shown by birds of passage after a long flight is a phenomenon of the same nature as that observed by the author in the examinations referred to.

## DISTURBANCES OF INNERVATION.

 -Robert B. McCall, M.D., Medical College of Ohio, Cincinnati, now residing at Hamersville, Ohio, writes : "My confidence in Antikamnia is so well established that I have only words of praise. Independently of other observers I have proved to my satisfaction its certain value as a promoter of parturition, whether typical, delayed or complicated, and its effectiveness in controlling the vomitingof pregnancy. In cases marked by unusual suffering in second stage pains of nagging sort, frequent or separated by prolonged intervals, accompanied by nervous rigors and mental forebodings, one or two doses, three to five grains each, of Antikamnia promptly changes all this. "If there is a 'sleepy uterus' Antikamnia and Quinine awake every energy, muscular and nervous, and push labor to an early safe conclusion. Indeed, in any case of labor small doses are helpful, confirming efforts of nature and shortening duration of process. I have just finished treatment of an obstinate case of vomiting in preg. nancy. A week ago the first dose of Antikamnia was given, nervous excitement, mental worry and gastric intolerance rapidly yielded. This [Continued on page 174

## UPJOHN'S

Manufactured by
The UpJohn Pill \& Granule Co. Over 600 Pormula-B.P.P.S.S. and Special,

## Friable Pilus

 Differ from all other Makes.Because they are made without excipient or pressure. The contents are in the form of a dry powders. In their manufacture, no Sub Coating required, the Coating therefore dissolves in such a remarkably short time, that the Kill cannot

The contents being dry the full force of their action is immediately brought into play.

Their Friability can be readily demonstrated by crushing one under the thumb, and their Solubility by allowing one to remain a
few moments in the mouth.

We mail samples and lists to any Physician on application.
In prescribing
Be particular to specify U1OiOh11
FRIABLE PILLS.
THOS. LEEMING \& CO., 25 St. Peter St., Montreal, Sole Agents for Canada,

Physicians! When you visit New York this summer be

## THE EVERETT HOUSE

(B. L. M. BATES, Proprietor)
Union Square, New York

Strictly first-class, at moderate rates. European plan. New plumbing throughout. This hotel is most convenient to the shopping district of New York.


## Tenis, Awnings all Flans

## HORSE AND WAGGON COVERS, LIFE PRESERVERS

Tents to Rent
157 KING ST. EAST, TORONTO
... Telephone 1291 ...
"tims is oif pamily tent."
D. PIKE, Loading Manufaoturer

## AUTHORS \& COX

 Removed to their New Building, 185 CHURCH STREET, TORONTO.

## ARTIFICIAL LIMBS, TRUSSES AND SURGICAL APPLIANCES.

## Poro=Plastic Jackets

For Curvature of the Spine, made to order, and warranted to fit.
We are the only firm in Canada manufacturing these Jackets.

## ELASTIC STOCKINGS, CRUTCHES, Etc.

case was a typical one, and the result is clearly attributable to the masterful influence of your preparation. If there is any one drug or preparation that can be made to answer every need of the physician, for the correction of the multitudinous disturbances of innervation that occur in the various diseases he is called upon to treat, that one is Antikamnia."

The well-known firm of John Carle \& Sons, New York, are introducing to the Canadian medical profession a preparation, which they have very properly named Imperial Granum. This can be certainly recommended with every confidence as a safe and reliable food for nursing mothers, infants and children. It is a perfectly
natural unsweetened food, prepared from the finest growths of wheat, and will never be found to interfere in any way with the action of any drug. In fevers especially is it valuable, and will often be the only food the stomach will tolerate in many gastric and enteric diseases. We take pleasure in adding a word by way of praise to the many thousands of testimonials already received by the manufacturers.

Thought the Inquiry Personal - Young Housekeeper (to butcher) - You may send me up that bag of ham, and-er-how is your liver this morning ?" Butcher -" Fust rate. I've been taking Saratogy Vichy for a month." - Epoch.

## Doctors! If you wish to completely eradicate the germs of malarial fever, hay fever, etc.

from your patients, be sure and send them this summer to

CANADA'S GREAT SUMMER RESORT

## Penetanguishene, Ont.

Easily reached by the G. T. R. from all points. Rates, $\$ 2.00$ per day and upward, according to location of rooms. The bracing, life-giving air of the Georgian Bay, coming from its vast pine forests across the open lake, will bring rest and strength to the nervous and delicate with marvellous quickness.

For Cash and Present Delivery

## CHICAGO POLYCLINIC \& HOSPITAL

## A Clinical School for Practitioners of Medicine

Instruction continues throughout the year. The Institution is thoroughly equipped for PostGraduate instrnction in all branches of Medicine and Surgery; unequalled Hospital facilities; Graduate apundance of Sery. For information or the announcement apply to

DR. F. HENROTIN, Secretary,


Fine Sanitary Plumbing.
Smoke Testing a Specialty. Gas Fixtures and Fancy Globes in every variety.

## K. J. ALLISON

 668 YONGE STREET (A few doors south of St. Mary Street.) TORONTOmm PRACTICAL Plumber, Gas, steam and Hot Water Fitter

TELEPHONE $\mathbf{3 6 6 7}$

## IMPERIAL*:GOOG

Is earnestly recommended as a safe and reliable food for Infants, CHILDREN and Nursing-Mothers;-for INVALIDS and Convalescents, and for Aged-persons. It is not a stimulant nor a chemical preparation; but a PURE, UNSWEETENED FOOD carefully prepared from the finest growths of wheat, on which physicians can depend in FEVERS and in all gastric and enteric diseases. It is easily digested, nourishing and strengthening, assists nature, never interferes with the action of the medicines prescribed, and is often THE ONLY F00D the stomach can retain.

IMPERIAL GRANUM is a good and well made powder of pleasant flavour. CONTAINS NO TRACE OF ANY IMPURITY.-The Lancet, London, Eng.
of the many preparations so highly commended by those who put them on the market, the IMPERIAL GRANUM SEEMS TO HOLD THE FIRST PLACE IN THE ESTIMATION OF MEDICAL OBSERVERS. - "The Feeding of Infants," in New York Medical Record.

- A sample package sent free, all expenses paid, to any physician,

JOHN CARLE \& SONS, 153 Water St., NEW YORK CITY, N. Y.

## Anti= Diphtheritic Serum

## THIS

 ANTITOXIN
## is PREPAREO IN <br> Our Own Bacteriological Department

 BY EXPERT BACTERIOLOGISTSEvety precaution known to the science has been taken to insure its reliability

## \$3.50 PER VIAL

Each vial contains 1000 normal Antitoxin units, the full . . . . curative dose for average cases Directions for injecting the Serum accompany each vial.

Correspondence upon this subject respectfuliy solicited

## Parke, Davis \& Company WALKERVILLE, ONT.

## THE

Medical
...ano...
$D^{0}$ Ontario • Medical • Journal

TORONTO, AUGUST, 1895
No. 2

## ORIGINAL ARTICLES.

(No paper published or to be published elsewhere as original, will be accepted in this department.)

## CASES IN PRACTICE.

By Ernest Hall, Fellow of Bt. Gynæecologue Society, Victoria, B.C.

Mrs. B., aged 32, married, two natural labors, between four and five months pregnant, seen June 30th. Had pain in right ovarian region, no febrile symptoms, uterus decidedly inclined towards affected side, vaginal examination revealed tenderness marked along side of uterus, but no increase of density nor fluctuation. Pain became rhythmical, and during each pain the uterus could be felt to harden and incline slightly forward. Next day pain increased, a second vaginal examination was negatial, morphine was given, with salines, and heat applied externally. Patient improved, and with difficulty could be kept. in bed. On fourth night pain increased and temperature rose to $100^{\circ}$. Next morning swelling was detected, and temperature somewhat higher. In the afternoon an examination under ether showed well defined mass to right of uterus. She was ordered to the hospital, and arrangements made for operation next morning.

At the hospital she passed a restless night, and complained of great pain. When I saw her at $7 \mathrm{a} . \mathrm{m}$. her face revealed the condition, and the disten-
sion of the abdomen confirmed it. Some time subsequent to the examinaation, possibly while on the way to the hospital, the adhesions had given way, and we had to deal with peritoneal sepsis. She was placed on the table as soon as possible and the worst fears confirmed, pus free in abdominal cavity and gangrenous appendix. The primary abscess wall had been composed of the ovary tube and ligament below and intestinal coils within and above, as these parts were coated with lymph. Appendix was removed, abdomen flushed and drained, patient placed in bed. Bowels acted once, no vomiting, extreme pain and death in eleven hours.

The occurrence of appendicitis with pregnancy is a rare condition on this coast, and so far as I can determine this is the first case reported. It may possibly lead some of us to consider more seriously the pains which pregnant women so frequently complain of, especially when their location is the right side and not the proverbial left. This is another life sacrificed to delay and conservative surgery. We still require the voice of Murphy to call us to early operation. Better an operation in a shack without aseptic surroundings done while the poison is localized, than the best of hospital facilities with an infected peritoneal cavity. This case is one of a class which White and Bergman would teach us is hopelessly beyond the possibility of surgical relief, but it is satisfactory to hear of our Holmes, of Chatham, proving that Philadelphia and Berlin may be in error this once. If statistics are our goal we would be wise to refuse operation on all cases after rupture of abscess peritonitis and paralysis of the bowel ; but where saving life is our only object we must fearlessly advance, and trust that at least occasionally we may be so fortunate as was the Kent hero, whose success has marked a new era in abdominal surgery.

## Proceedings at Meeting of Medical Council of Ontario.

Dr. Reddick-I think it will require very few remarks on my part to convince every member of the Council of the necessity for this. If the Registrar has a book in which all the by-laws, and nothing else, are to be put, even if the committee which may be appointed re codifying of the by-laws is not appointed, we will have a book in which we can look at the by-laws ; and I think I might have added that the rules and regulations as they are passed might be put in that same book. As it is at present, it is a very awkward thing for any new member of the Council to ascertain what the by-laws and regulations are, and it requires a very long memory for the old members of the Council to remember everything that is passed. In order to find out the exact meaning of any by-law you have got to go and bother the Registrar and get him to turn up all the minutes that have been passed in the last twenty or twenty-five years ; and it is an almost impossible thing to get at anything definitely. I think that the use of this book, which would cost only a nominal sum, and the entering of the by-laws as they are passed in it, will expedite matters very much.

Dr. Thorburn - Has that reference to the future only or does it refer to the past as well.

Dr. Reddick-Only the future. I might have added perhaps that there should be a combination of the proposed committees of Drs. Thorburn and Roome.

Dr. Williass-I think every member of the Council will be fully satisfied that the proposition made is a wise one, but I do not think we ought to narrow it down and say "only for the future." My conviction is there should be a by-law book, and that that book should contain all the by-laws of this Council in force; then if the consolidation is carried out, that is just the time when they could be consolidated and entered in the new by-law book, and then that book would be always accessible to the members of the Council. I think the two thoughts should be combined into one and acted on together.

Dr. McLavghlin-Would it not expedite matters if the mover would allow this to stand, and when the other similar motions come up, consider them all together? Dr. Thorburn's and Dr. Roome's motions run parallel to this, and it would be well, I think, if they were all considered together. I agree with Dr. Williams that all the by-laws should be consolidated and printed and put into the hands of every member of the Council, because if they are simply in the book here, who can see them except those in the city? And we want all to be conversant with the by-law, and that can not be accomplished unless they are codified and printed and put into the hands of the members.

Dr. Reddick-I think a book is necessary in any case, aud that is all my motion refers to. However, I am quite willing to do anything to aid matters, and I will leave my motion till the discussion relating to the same thing comes up again, with the permission of the Council.

Leave granted.
Dr. Williams moved, seconded by Dr. Shaw, and resolved, that the Council do now go into Committee of the Whole on the subject of establishing medical tariffs on a legal basis.

The President put the motion, and on a vote having been taken, declared it carried.
Council in Committee of the Whole. Dr. Bray in the chair.
Dr. Wilitams-Mr. Chairman and Gentlemen,-It will be within the knowledge, I presume, of all the members of the Councll that we have no legalized tariff in any of the divisions in any part of Ontario; it will also be within your knowledge that we formerly had an Act by which each territorial division could decide on a tariff for itself and have that submitted to the Medical Council, and it then became a legalized medical tariff for that division. You will all be aware that during the last session of Parliament that portion of the Medical Act was repealed, and that we have no legalized tariff in any part of the province. Perhaps it is only just to the gentleman who had this repealed to make a little explanation. There has been considerable fault found with a medical friend of ours for having taken in a bill for this purpose, but I think a few moments' explanation will show you that he is not deserving of any censure, but, on the contrary, was working in the interest of the Council and the profession. You are all aware that during the last year or two we have had what you may call a third party in politics in this country -the Patrons of Industry, and throughout the country during the last election the highest flights of statesmanship they were able to reach were in connection with the medical profession and the monopoly they had, and about the high tariffs, and otherwise to ull-use, and abuse and rob, may I say, the people of this province. During the contest it is within my knowledge that even in the very division represented by the Premier, that subject was pushed from one hustings to another ; it was also pushed in the adjacent electoral division, and I think I am safe in saying that in almost all, if not all, constituencies where there was a Patron candidate, that became the principal subject that was brought before the electors. During that election the Premier (Ithink I
am not abusing confidence when I say this) felt himself by one circumstance to be in a rather awkward position, and it was this - the point was urged that the medical men themselves established what would be their fee, it was submitted to the Medical Council-another lot of medical men-and they were by that Act empowered to fix what should be the legal price and impose that upon the public. The Premier felt there was a certain amount of force in that, and that it was absolutely necessary that that matter should be changed in some form. Now, when the Legislature met, I think I am not abusing confidence when I tell you that the Government had a measure prepared for the purpose of repealing that portion, and throwing it back upon the profession to devise some new means that would not be open to that objection. That bill was placed in the hands of our friend, Dr. McKay, and he put it through. It was a Government measure notwithstanding, and would have passed whether Dr. McKay were willing or not. Now, that puts us in this position that we are without legal standing so far as tariffs are concerned, and the question crops up as to what is the best course to be pursued. There have been three or four suggestions that I have heard ; and I may tell you that in bringing this matter before this committee I am not coming here to seek to gain adherents to any settled idea in my own mind. I am rather bringing it up in Council so that we may have a full expression of opinion from other members of the Council, and if we can devise the means that will be satisfactory, then we will embody that in a somewhat substantial form ; and I have the assurance that if we can put it in a form that will not be objectionable, the Government will be quite willing to pass it through the House, and there will be no trouble on that score. Now, what are the features which it must possess that it shall not be objectionable? Well, it is this one feature that when the tariff is established, whether by this Council or wherever it may be established, it must be submitted to some person outside of the medical profession, who shall pass upon it and say whether it is a just and fair one. There are several ideas with reference to that. One is that it might be submitted to the County Judge in the division where it is brought in force ; another is that it might be submitted to a High Court Judge ; and still a third, that it be submitted to the Governor-in-Council. I am free to say for myself that I do not believe that any of those are as competent to pass upon it as the Medical Council are, so far as getting at what is just and right. Notwithstanding that that is my conviction, I feel that the Premier was perfectly right, in order to protect himself and his Government, in insisting that it be passed before some other party. It think it was right, and it is a question for the Council to consider just what is the best way to adopt. Some hold to the view that it would be better for the Council to go into this subject and establish a universal tariff for the entire province. In reference to that, it will strike almost any of you that there are sometimes local reasons why a tariff in this division may be reasonable at one price, and that in another section it might be reasonable at a considerably larger price ; and hence a universal tariff is not without some faults. Then again, a local tariff may have its objections too. In considering this there is also the fact to be considered that perhaps a local tariff submitted to the senior County Judge in the division would bring the practitioners in touch with the Judge, and if they had cases going before him he would understand what he was dealing with. Then again, there is the third idea, and that is that we do as we did before the establishment of the Act-do without any tariff at all. That has some advantages ; one advantage is, that the cry that the Patrons and the Patron party have got up against the profession throughout the entire country would be set aside, and I do not think the profession would be any worse off, because I think you could collect your reasonable bills just exactly as well as you did before; in fact, before we had any such legalized tariff we had no more difficulty in collecting our fees than we had when the tariff was in force, and I must say I am quite inclined myself to the view that we would be just as well for a year or two at any rate, until this excitement has passed over, without any tariff. Notwithstanding that I think the members of the Council should give very full thought and expression upon this subject, and then if we can embody the matured thought of the Council, if I may use the term, into the form of an Act, I am quite satisfied that the Government will assist us in getting that Act through the House. I am somewhat doubtful, as I said, whether it would not be advisable, just for the present, to pass no Act at all, and to allow the matter to remain in abeyance for at least a year. But we are open to hear the views of the members of the Council.

Dr. Britron-Mr. Chairman,-With your indulgence I would like to state to the Council a dilemma which I am in at present. As chairman of the Education Committee I last night appointed a time for meeting an important deputation from the University of Toronto, and I set that time at eleven o'elock this morning, with the expectation that there would not be very much business before the Council. It would now please me very much, and help along the Education Committee very much, and would be only an act of courtesy and justice to the large number of medical gentlemen who are present, to make this meeting
as short as possible.

The Chafrnan (Dr. Bray)-As those gentlemen have come up here, and they are busy men, I would suggest to Dr. Williams that he move that the committee rise and take up this question later on.

Dr. Williams-I move that the committee do now rise, and ask leave to sit again.
Dr. MoLaughlis-Do I understand that Dr. Britton alone has an engagement with certain gentlemen from the University ?

Dr. Britton-I have not so much egotism as to ask the indulgence of this Council to the extent that they cut their business short for the purpose of allowing me to carry out some personal engagement which I have made. I am not a Uriah Heep but I have a certain amount of humility. The engagement is between the Committee on Edacation, of which I am chairman, and a large deputation which has been sent to us from the University of Toronto for a certain purpose.

The Chairman then put the motion, and on a vote having been taken, declared it carried. The committee rose. The President in the chair.
Dr. Moore-I would suggest that the deputation from the Toronto University be now heard before the Council. This will probably settle the whole matter in eight or ten minutes, and it will expedite matters, I think.

Dr. Britton-I am very much inclined to think that the conference will be more in the nature of an ordinary conversation than in the shape of a formal discussion, and I think it will facilitate matters very much to allow the Committee on Education to take the matter in hand. I suggest that simply to save a great deal of time. There will be a full report given, of course, to the Council by the committee. The subject to be considered is this. There is a proposal made by the University of Toronto that hereafter the sessions be eight months instead of six months, and that the summer session be eliminated. I cannot say what the opinion of the Committee on Education is in regard to the matter. It has not been expressed. The matter has not been brought before them at all. They have simply stated the nature of the case and appointed a time for a conference. I am sure it will facilitate matters very much, and a great deal of time will be saved, if you allow the intentions of the committee to be carried out. The matter was referred to the committee, and this is the course we have decided to pursue.

Dr. Bray-I move that the Council do now adjourn to 2 o'clock p.m., for the purpose of allowing the conference between the gentlemen from Toronto University and the Education Committee to take place.

Dr. Moore-In view of what Dr. Britton has said, I have much pleasure in seconding this motion, and I withdraw the suggestion I made that the deputation be received now by the Council.

The President put the motion, and on a vote having been taken, declared it carried, and the Council adjourned to 2 o'clock p.m.

## AFTERNOON SESSION.

Thursday, June 13th, 1895.
The President in the chair, called the meeting to order.
The Registrar called the roll. The following members were present: Drs. Armour, Barrick, Bray, Britton, Brock, Campbell, Dickson, Emory, Fowler, Geikie, Graham, Hanly, Harris, Henderson, Henry, Logan, Luton, Machell, Moore, Moorhouse, McLaughlin, Reddick, Rogers, Roome, Rosebrugh, Sangster, Shaw, Thorburn, Thornton, Williams.

The Registrar read the minutes, which were confirmed as read and signed by the President.

The President - Pursuant to motion of Dr. Bray, the first order of business for the session of the Council this afternoon is that the report of the Committee on Discipline should be taken up. I see that Dr. Day, an old member of the Council, and still Chairman of the Committee on Discipline, is with us ; I will now ask Dr. Day to come to the platform and take the Registrar's chair.

Dr. Day then advanced to the platform and was greeted with loud and hearty applause.
Dr. Bray moved, seconded by Dr. Logan, that in accordance with notice of motion the report of the Discipline Committee be received. Carried.

Dr. Day (Chairman of the Discipline Committee)-Mr. President and Gentlemen, I have pleasure in presenting to you the report of the Discipline Committee for the last year as follows :

## To the Council of the College of Physicians and Surgeons of Ontario:

Your Committee on Discipline beg to report that during the past year they have had before them the case of Ezekiel Aurey Alvin Benson Rose, and have held an investigation thereon, particulars of which are appended to this report, together with the findings of your Committee thereon, there is also appended a copy of the evidence submitted and the proceedings taken and had before your Committee.

All of which is respectfully submitted.
Dated at Toronto, this 13th day of June, A.D. 1895.
Henry W. Day, Chairman.

## DOMINION MEDICAL MONTHLY

## To the Council of the College of Physicians and Surgeons of Ontario :

Your Committee appointed to enquire into the facts $r e$ the complaint of Thos. Wasson against Ezekiel A. A. B. Rose, M.D., for erasure from the register as a member and registered practitioner of the College of Physicians and Surgeons of Ontario,

Your Committee duly met after notice of the charges in the subject matter of the enquiry to be conducted had been given to the said Ezekiel A. A. B. Rose who did not appear personal, but was represented by counsel on Wednesday, the 15th day of May, 1895, at the town of Brockville, and on Friday, the 7th day of June, 1895, at the town of Brockville, when witnesses were examined in support of the petition, and when the said Ezekiel A. A. B. Rose gave evidence on his own behalf; and after hearing the evidence, which herewith accompanies this report, your Committee arrives at the following conclusions :

1. As to charge one, which alleges, "That the said Ezekiel A. A. B. Rose procured his registration as a member of the said College of Physicians and Surgeons of Ontario on or about the 23rd day of November, 1872, upon the false and fraudulent representation that he was entitled to such registration as Certificate Eclectic Medical Board, 1868, M.D. Eclectic Medical College, Penn., U.S.A., 1869, your committee find that no evidence was produced by the prosecution, the documents upon which the prosecution depended not having been brought forward in response to the subpoenas issued."
2. As to charge two, which alleges, "That the said Ezekiel A. A. B. Rose has been guilty of infamous or disgraceful conduct in a professional respect, the particulars of which are as follows: By causing to be printed or published and distributed in or about the month of August, 1892, certain pamphlets setting forth the details of certain diseases (particularly cancer) and urging all persons suffering from any such symptoms to come to him, the said Rose, representing that he could cure the same, whereas the said Rose well knew that if such persons really had the disease or ailment mentioned in the pamphlet the same could not be cured by him in the manner th-rein set forth."

Your Committee find this charge to be proved.
3. As to charge three, which alleges, "That the said Ezekiel A. A. B. Rose has been guilty of infamous or disgraceful conduct in a professional respect, the particulars of which are as follows: By entering into an agreement with the proprietor of a certain patent medicine, namely, Dodd's Kidney Pills, whereby the said Rose received money or other valuable consideration for prescribing, recommending and advertising the said patent medicine and for the use of his name to be advertised as having been cured by the said patent medicine."

Your Committee find the charge not proven.
4. As to charge four, which alleges, "That the said Ezekiel A. A. B. Rose has been guilty of infamous or disgraceful conduct in a professional respect, the particulars of which are as follows: By allowing his name to be used by the proprietors of a certain patent medicine, namely, Dodd's Kidney Pills, and advertised in the following newspapers, that is to say, in the Toronto Evening News, in the issue of February 17th, 1894; in the daily Empire, in the various issues during the year 1893; in the Kingston Whig, in the issue of January 4th, 1893 ; in the Toronto Evening Star, in the issue of March 10 and November 17 th, 1894 ; in the Toronto Empire, in the issue of December 8th, 1893 ; in the Brockville Recorder, in the issue of February 12th, 1894 ; in various other newspapers published in the Province of Ontario, and also in various other issues of a certain publication entitled "Press Clippings," published by the proprietors of Dodd's Kidney Pills, and particularly in certain issues thereof dated in 1894, and being numbered Vol. 2, No. 3 and Vol. No. 2,
No. 3."

## Your Committee find the charge proved.

5. Your Committee also find the defendent guilty of having stated to one, Thomas K. Scovil, that he (the defendant) was a graduate of McGill College, although he (said defendant) never held any degree from said college.
6. Your Committee, after consultation with Mr. B. B. Osler, Q.C., solicitor for your honorable body, would recommend that the seals and all matters of records formerly belonging to and used by the eclectic and homoopathic bodies of this province when thoy possessed and exercised the right and privilege of granting licenses and such other qualifications as they were by law then empowered to issue, be procured by this Council bodies with the general as by the union or merging of the said eclectic and homoeopathic Ontario, said College of Physicians and Surgeons of Ontario became the and Surgeons of said Eclectic and Homooopathic bodies, Surgeons of Ontario became the successors and the record of the said bodies.

Signed on behalf of the Committee.
Dated at Toronto, this 13 th day of June, A.D. 1895.

As to clause one of report in the matter of E. A. A. B. Rose, I may say the prosecution there relied upon documents and so forth of the old Ecle tic Board, and that they subpcenaed the secretary of that Board, who came, but said he could not produce any documents, as they were not in his possession; he said he had had them at one time, but he did not know now where they were ; so that the prosecution gave no evidence. The defence, however, did give evidence on this charge. I am not at liberty to sum up the evidence for you, because there is no distinct finding on it, but I must say the evidence had an effect upon the minds of the Committee which led them to believe there would not have been a very great deal of difference if the documents could have been produced. (Dr. Day then read the report as to charges Nos. 2 and 3.). Referring to charge No. 3, the report is that it is not proven that he received any pecuniary remuneration for it. I may say, if I am permitted, I not having now a right to speak as a member of the Council, I would recommend that that last clause of the report be acted on by the Council if it is possible to get the documents and things referred to in it, as I think it is very important that they should be got. I am not saying improper use has been made of them, but I am saying it is possible that improper use could be made of them ; it would be a very easy matter to make improper óse of that seal and those documents without anybody bec ming any the wiser of it. I have a letter here from Mr. Lavell, counsel for Dr. Rose, the defendant in this case, consenting that charge No. 1 be allowed to stand as if not completed, that it be left an open charge for any investigation that may be taken by the Council at any future time on giving the proper legal notice of two weeks; and he also pledges Dr. Rose will in the future do nothing unprofessional in case the Council should see fit to simply suspend decision in the matter. This would leave the Council just in the position they are in now, free to take up or free to suspend or do as they deem right, on condition that charge No. 1 relative to fraudulent registration be left entirely open, as if it hadn't been completed, as it certainly has not been to the satisfaction of the prosecution. I beg to submit the report of the Discipline Committee, together with a copy of the evidence.

Dr. Bray moved, seconded by Dr. Logan, that the report be adopted.
Dr. Williams-Is this not a matter of sufficient importance that we should gointo Committee of the Whole and get to know more about it ?

Dr. Logan-I think we have had the opinion of Mr. Osler on this subject, and that he said the adoption of this report should be in Council.

Dr. Dax-Any action taken must be taken in Council.
Dr. Williams-In order that we may have some idea what we are doing and know what we are acting upon, I think the evidence should be given to us.

Dr. Logan-The discussion may take place in Committee of the Whole, but the final action must be had in Council.

Dr. Reddick - What is the effect of adopting this report? Does it necessitate the erasure of the gentleman's name from the register ?

Dr. Bray - I will move, seconded by Dr. Rogers, that this Council go into Committee of the Whole on the report of the Discipline Committee on one E. A. A. B. Rose.

The President put the motion.
Dr. McLaughlin-If the report of the Committee is satisfactory I do not see any necessity of going into Committee of the Whole to see whether it is satisfactory or whether it is not; to do that intelligently, it seems to me, we would have to go over the whole evidence, and that I do not suppose the Council propose to do. If any member of the Council thinks there has been wrong doing on the part of the Committee, that is, that their judgment has erred, and that they have not done just right, you may go into Committee of the Whole. But so far as I know, I know nothing about it, and am prepared to accept the report unless there is some objection taken to it, and that would avoid the necessity of going into committee.

Dr. Bray-I do not wish to say anything on this subject, I being a member of the Discipline Committee, but it seems to me it is the findings of this committee you are to decide on. The Committee has made findings on these charges and they have reported those findings to you. If the Council wishes to see the evidence on which the Committee bases its findings the evidence is here, and we can go into committee or take it up in open Council as you like. It will take a long time to go over the evidence. It has been a custom here to accept the findings of the Committee unless someone has some objection, in which case the findings on that point can be gone into.

Dr. Day-Dr. Rose has been served with notice to appear here and show cause why his name should not be erased. Mr. Lavell, his counsel, is here on his behalf, and Mr. L. G. McCarthy, who was present at the last hearing of this matter before the Discipline Committee in Brockville, on behalf of the prosecution, is also present, and I fancy it would be as well for the Council to hear those gentlemen. I do not presume that either of them will take up much of your time, and they probably will give to you the evidence more quickly
than you could possibly get it yourselves by attempting to go over it. I think if the Council heard these gentlemen it would facilitste matters very much.

Dr. Bray asked permission of the Council to withhold his motion in order that counsel might be heard. Leave granted.

Messrs. Lavell and McCarthy were then requested by the President to come forward and address the Council.

Mr. Lavell, counsel for Dr. Rose, then addressed the Council as follows :
Mr. President and Gentlemen of the Council of the College of Physicians and Surgeons, Practice of this kind is somewhat new, as you can readily understand, to me ; and I do not now, in addressing you on behalf of Dr. Rose, desire, and in fact I do not consider myself capable, in the limited time at our disposal, of going into the evidence in detail that was taken before your Discipline Committee ; it is simply out of the question to do it intelligently unless I take a matter of two or three hours, and I am afraid after two or three hours conversation that even you, gentlemen, would hardly be prepared to listen to me intelligently, and I have no desire to detain you for that length of time.
The first charge on the finding of the Discipline Committee has practically not been proven, and as far as my client is concerned at the present moment, that disposes of that charge. As to the second charge I can only say on behalf of Dr. Rose that the charge as it is laid, that this pamphlet is published, is correct and the Committee is correct in finding, as they did, that that pamphlet was published. There is no attempt on my part or on the part of Dr. Rose to deny that there was a pamphlet published, and the pamphlet speaks for itself, and you, gentlemen, and the Committee are in a good deal better position to judge of the correctness of the statements in it than I am. I can only say, however, that Dr. Rose insisted before the Committee that when he published that pamphlet he believed the statements in it were true; and I desire to add another statement which I think will be found clearly on the evidence to be correct, and the Discipline Committee will bear me out in saying that Dr. Rose, after having published this pamphlet, had a conversation with a couple of doctors in the town of Perth, who told him they considered the publication of this pamphlet was unprofessional and was something that was not proper for a medical man to do. Dr. Rose then says, and I think all the evidence bears out the statement and there is nothing whatever to contradict it, that although he had some ten thousand of these pamphlets, of which only two or three hundred had been distributed, he, in the winter of 1892, at once destroyed all that were left and that he didn't afterwards distribute any others. And there is not only his own evidence before the Committee that no person went to him on account of those pamphlets, but there is the further statement on his part that after that day he did not attempt in any way to practice on patients for cancer; I think the evidence clearly is that since that date he has had no cancer patients whatever. I think this is a fact that should be borne in mind by the Committee and by the Council, and should be considered by you gentlemen ; and, under all the circumstances, such a heavy penalty should not be passed upon him for the publication of that pamphlet, after three years have elapsed, as being forbidden to further practice his profession. I am making very bald comments on the evidence.

The third charge has been found by the Committee to be rot proven; and I see upon reading the report of the Committee that they find the fourth charge to be correct. There is not the slightest doubt, and I do not wish this afternoon in speaking to you intelligent professional men, to attempt to go into this evidence as counsel are often compelled to do in talking to a jury. These are matters on which you are just as well able, and possibly better able, to judge than I am ; and I do not wish either to take up your time by saying or doing anything in connection with this matter that would belittle the questions or make it appear as though I had belittled your intelligence in considering them. There is no question as to this fourth charge, that on October 30th, 1893 (I think the evidence shows), Dr. Rose did write a letter to the proprietor of Dodds' Kidney Pills, and that letter was afterwards published in the papers referred to ; and as far as his writing of that letter makes him responsible for the publication, just so far is the report of the Committee correct. The evidence of Dr. Rose is that he stated that the Dodds Medicine Co. were not to publish this letter; and the only other evidence that was called is the evidence of Mr. McKee, the proprietor and manager of the Dodds Medicine Co., which company is responsible for these advertisements. Mr. McKee says (you will find it in his evidence ; the evidence is properly indexed), and I think that is really the kernel of this charge, that Dr. Rose did come there, and that before giving him this letter Dr. Rose told him he was not to publish it; that after Dr. Rose had told him he would not give any testimonial to be pubiished, Mr. McKee told the doctor to go and consult the Registrar of the College ; that Dr. Rose came back and said he had not seen the Registrar, but had consulted a lawyer,
Mr. Gallagher, an old friend of would not be unprofessional to his at Portland, who said such a letter as was proposed told the doctor he would publish the letter, and that while the doctor did not consent to it
he did not, as Mr. McKee believes, refuse to permit it; Mr. McKee leaves it in a somewhat negative shape. On the other hand, Dr. Rose says he persisted in his refusal to permit the letter to be published; and I might mention that there is in evidence a letter which was identified by Mr. McKee as having been written by him in December, 1894, and in this letter Mr. McKee acknowledges the receipt of a letter of December 23rd, 1894 (last December), wherein Dr. Rose has very plainly asked him to withdraw and no longer publish the letter; Dr. Rose was objecting to the publication of that letter; and Mr. McKee notices that and says that there is a certain amount of matter in print, and that he will not publish the letter after what was then in print has been used. I simply call your attention to this as showing that their agreement could not be any agreement about publication. Although the Committee in this has found there was no agreement to publish for value, I would like to press the point that there was no definite agreement in any way that the letter should be published, and that even Mr. McKee's statement goes to show it was left in a non-committal way by Dr. Rose. I do not wish to take up any more time on those two particular points than $t$, press upon your knowledge that the cancer pamphlet was withdrawn as soon as Dr. Rose was told by some person (Dr. Hanna, of Perth) who knew more about professional etiquette than he did that it was unprofessional to do this, and that as soon as he heard that he was willing to listen, and he destroyed the ten thousand pamphlets which he had had printed; and there is absolutely no evidence that any person came to him on account of those pamphlets ; and there is his own statement that after the destruction of those pamphlets over two years ago, he never had anything to do with cancer patients.

On the fourth clause I would refer you to the evidence of Mr. Mokee and the evidence of Dr. Rose in connection with the same thing. Dr. Rose's evidence goes to show that he always declined to permit the letter to be published; Mr. McKee says he did decline at first, and afterwards says that when Dr. Rose was told it would be published he did not say yes or no. If it be in order I would like the Council, on behalf of Dr. Rose, to take into consideration the state of Dr. Rose's health. I think the members of the Discipline Committee and other physicians present at Dr. Rose's examination would be willing to admit that Dr. Rose is not only in a very serious state of health at the present moment, but he probably has been for sone years; and you all know what effect this has on the giving of evidence generally and on the way in which a man will prepare to meet any charges that may be made against him. It is very doubtful, and in this I am of course simply repeating the words of some members of your own profession, that Dr. Rose will live to see the meeting of your Medical Council next June; and while I know that is not a matter of argument I would like to mention it to you. And there is another thing to be remembered; Dr. Rose has for many years been practising in a country village and has been afflicted with another disease, probably not so fatal as the one I referred to a moment ago, but a disease that afflicts him even now, and perhaps that is why he is not better represented by counsel and evidence ; in other words, he is afflicted by the dire disease poverty, which often impels a man to do things he would not desire to do. I know that that is not a matter of argument, but, knowing that it would be substantiated by those who know the matter, I do not hesitate to mention it before your Committee. It is an extremely grave matter for a man after he has got past the middle life and come to a state of health which prevents him taking up another occupation to be confronted with a charge like this, snd the consequent forbidding him to practice his profession and find a means of livelihood ; and in considering this matter, whatever the Council may do with the report, in the matter of adopting it or otherwise, I would like to press this matter on the attention of the Council ; and I would like them to take it into consideration in considering what action they will take in the matter. There is one other thing I wish to speak on, but on which I do not care to touch very much. You will notice that I have already stated that Dr. Rose said that he firmly believed when he published that pamphlet on cancer that the statements made in it were true ; I mention that because the second charge reads, "That whereas the said Rose well knew that if such persons really had the disease or ailment mentioned in the said pamphlet the same could not be cured by him in the manner therein set forth." Now, it is somewhat delicate for me to touch on this particular matter here, still I think it is only fair and in justice to the profession, at the same time as I think it is in justice to my client, to touch somewhat on it. I recognize, as every person must recognize who considers the question properly, that it is in the interests of the public that a high standard should be maintained in the medical profession; and it is also recognized that this Council has taken every care that such a high standard should be maintained; and I do not want to say anything here to indicate that such a high standard should not be maintained; or, that it would be any breach of the rights of the public if an effort were made to maintain it. But it will be remembered by a large number of those here that when this Medical Council was first organized the medical profession in Ontario was in an extremely disorganized condition and was represented by many men who would hardly nowadays be considered creditable in the organization of this Medical Council, and in passing
the original Act an arrangement had to be made by which men with very many diferent grades of qualifications were to be permitted to enter the body and become recognized registered practitioners in the Province of Ontario, and among others were those who held certificates from the Medical Eclectic Board. Now, I presume that I am hardly giving anything away when I state that it could be generally reco nized that the standard of qualification very often required by the Medical Eclectic Board was not quite as high as that required by the College of Physicians and Surgeons nowadays, and, as a consequence, many men under the necessities of the case had to enter the profession in those days who did not have the professional knowledge which is required of medical practitioners to-day. And I think you will agree with me also in this fact, that a man entering, say in 1872, under a certificate of the Medical Eclectic Board with practically only that qualification, did not have the qualifications, and did not have the professional knowledge which a man entered as a graduate of one of our universities, or under the examinations of the College of Physicians and Surgeons to-day would have, and if he did not have it then, how much more would he be apt to get it after practising for twenty-three years in an out-of-the-way country village or series of out-of-the-way country villages? I would just like you to bear that in mind. It is unfortunate, possibly, that there is no special penalty on ignorance, and it is unfortunate possibly also that many men have not the opportunities to gain in profess onal knowlege, and possibly knowledge of professional etiquette that the majority of the members of the profession have, but the fact has to be recognized, and I would like you gentlemen to recognize the fact. Does not the gravament of the charge depend very greatly upon the professional knowledge of the man who is charged, and who by the report of the Committee has been found to have published this pamphlet and who admits he did publish it, and who has written this letter and admits he did write it ; and should it not depend very greatly upon the professional knowledge he had, and the opportunities which he had to gain professional knowledge, and to know something of the standard of rules in the profession? I think it says a good deal for Dr. Ross that he, even though he did publish that pamphlet, as soon as his attention was called to it, and after he had gone to the expense of printing 10,000 copies, dropped it and burned the copies ; and notwithstanding there has been a fairly keen analysis, and a fairly keen search for evidence in that neighborhood, there has been nothing whatever to contradict his statement that no cancer patients came to him on account of it, and that after the destruction of his pamphlet he did not attend to cancer patients. If he did not attend to them, and if that pamphlet is destroyed, I would ask you, even though it be admitted that the cancer pamphlet was published, to consider those points in his favor, and also ask you whether it would not be fair to treat that as something that was unfortunately done, something that was past, and which should not be visited with a very heavy punishment. The sume remarks will apply to his letter which was published in "Press Clippings," and which, as he says, he firmly believed at that time to be true, although he now admits that the statement made there that he had been cured was, unfortunately for him, a further mistake, and that he is now just as ill, and perhaps more ill, than ever he was. I have touched in rather a desultory fashion on the different points I wish to bring to your attention I have not attempted to search into the evidence ; it is there to speak for itself. I would leave the matter for your careful consideration, and ask you to consider whether there are absolutely no pardonable sins in connection with a breach of medical etiquette and in connection with unprofessional work. And just one moment on what now has been said at the end of the report by the Chairman of the Discipline Committee. I was asked fairly, and in a very straightforward and fair way, before I came in, and with most certain knowledge on my part that there was no evidence before the committee that would warrant them in finding the first charge proved, whether $I$, on behalf of Dr. Rose, would be willing to let the matter stand open and let that first enquiry be gone into, and my answer was the only one I could give, that I could not consent to anything of that kind unless the whole question stood over in the meantime, and that it be definitely understood that practically no action would be taken on this if consent was given on the part of Dr. Rose to going into that further enquiry. It might be very much in the interests of the medical profession in the province to go into that enquiry, but there is no special benefit to Dr. Rose; if it be in the interests of the medical prefession to go into it, then the enquiry will have to stand open ; and in the meantime I was asked if I would promise, on behalf of Dr. Rose, that he would not be guilty of any further unprofessional conduct. Of course I said it was utterly impossible to make any personal undertaking that I would have him enter into any pledge, and I am warranted by him in making that statement, for I wrote to him before I came up here and told him that on some of these things I would like to be in a position to speak plainly in the matter, and he wrote to me plainly and freely, and said he would pledge himself in in any way the Council would ask; that he would not in the future do anything of the kind, or commit any breaches of professional etiquette. That is the way in which that statement came to be made. I will leave this whole matter for your careful consideration. The graver charges I submit are not proven. The gravest charges are the first and third,
and they are not proven, and I submit the finding of the Discipline Committee is perfectly right, that their findings that are held to be proven were, I admit, partially proven, that is to say, I admit the publication of the pemphlet and the writing of the letter. I submit further that the other evidence that was given, and the facts that came out, go very largely, or should go very largely, to mitigate any penalty that might otherwise be on Dr. Rose in the matter. I think you, gentlemen, for listening to me, and I trust I have not taken up too much of your time.

The President requested Mr. Lavell to read the letter written by him and referred to by Dr. Day.

Mr. Lavell-I made this memorandum, which I handed to the Chairman of the Discipline Committee before coming in. It is as follows: " (1) Consent on behalf of Dr. Rose that if at any time in the future the College or the Discipline Committee thereof desire to proceed further with the enquiry on the first charge, they shall be at liberty to do so, in the same way as if enquiry only adjourned, on two weeks' notice to Dr. Rose. (2) That Dr. Rose in the future will do nothing of an unprofessional nature or character, on the understanding that any order of the Council be in the meantime suspended. (Signed) John R. Laveli, Counsel for E. A. Rose."

Mr. McCarthy - Mr. President and members of the College of Physicians and Surgeons of Ontario,-It would be, as Mr. Lavell has said, impossible to minutely review this evidence in the limited time at our disposal. The evidence covers 150 odd pages of type writing, and the answers to the questions asked are somewhat involved and would require explanation. But my learned friend, Mr. Lavell, has fairly reviewed the evidence from his standpoint: he has made a plea to you, and I think the only plea which it would be possible for him to make on behalf of his client ; and that was ignorance, because if ever man was ignorant of what the ethics of his profession required, and still more ignorant of the teachings of his profession, that man I think is Dr. Rose. It came out in evidence, in cross-examination, that he, as you will see on looking at the register, registered under an Eclectic medical certificate of 1868 ; and he says himself in his evidence, upon examination by Mr. Lavell, that it was obtained in October, 1868. But the affidavit which he swore before His Honor Judge Gowan, in 1872, says that it was obtained on June 17th, 1868. He swore to Mr. Lavell that he obtained his Pennsylvania certificate in the spring of 1868, and he swore before His Honor Judge Gowan in January, 1872, that he obtained it in 1869, and between the time he gave his evidence to Mr. Lavell and the time that I cross-examined him he again changed, and he said he must have been mistaken, that his Pennsylvania certificate must have been obtained in June, 1868, and the Medical Eclectic certificate also in June, 1868, as he had before him at the time he made the affidavit those certificates and diplomas. Is a man who contradicts himself in that way to be believed? You will see he really knows nothing about the matter, or about the day or date on which he obtained his certificate or diploma; and that, I think, in the mind of any man who has obtained either a diploma in medicine or who has been called to the bar, is a red letter day not likely to be forgotten, nor is the year likely to be forgotten. However, that portion of the charge laid against this man has been held by the Committee to be not proven, and I think they could not have found otherwise upon the evidence, although, if you read the evidence you will, I am sure, come to the conclusion that there is something beneath that charge. Dr. Hall, in whose evidence (if you will read it) you will find that he, being an eclectic-and I think he should be called an "electric" because the rapidity with which he obtained certificates and diplomas is unprecedented, in my short experience at all events-got a certificate in Pennsylvania in 1866, another in 1867 and another in New York in 1868. I asked him if he had been attending two colleges, and he told me no, that he got the one in New York as an honorary degree. I asked him why they honored him? He could not tell me that. He, however, tuld me in the morning when I was examining him that he was a member of the Eclectic Board of Ontario from 1860 to 1868, and had been secretary for two or three years during that time. Now, there are seven years between 1860 and 1868, and in three of those years he got degrees in the states, and three of those years he was secretary of the Board here, not having an eclectic degree, according to his evidence as reported, until 1866 ; and he states that the Eclectic Board here would not grant an eclectic certificate unless there was a diploma to show that the candidate had had eclectic teachings. Now, there is something. to say the least of it, most suspicious beneath the obtaining of his eclectic degrees, and I think it is to the advantage of the medical profession of this province that that matter should be investigated further and that you should endearor to find out what these men have been doing in the past. As to the charge in regards to the cancer pamphlet. The pamphlet published by Dr. Rose is here ; it guarantees a cure ; it states the nature of cancer from his view, and says that certain ductors have said it cannot be cured, but he says that it is utterly untrue, that cancer can be cured. In that pamphlet he guarantees a cure for $\$ 25$ or upwards, according to the ability of the patient to pay. Now that, beyond any shadow of doubt, is most unprofessional ; and Dr. Rose admitted it was so. We examined the son of one
patient, and two other patients who had been treated by him for cancer. One was Williams Boulton, whose father had consulted Dr. Rose ; and Dr. Rose admits he made the agreement with him that he would cure him-he guaranteed a cure-and that he would charge him. $\$ .0$, and he would not charge him anything if he did not cure -

Mr. Lavell-Excuse me, that was before they saw the cancer pamphlet.
Mr. McCarthy - The Boultons did not see the pamphlet until after that, but they consulted Dr. Rose ; and he said he would guarantee a cure and would charge them S50, and if he did not cure he would not charge them anything; he admits that. He got $\$ 93$ from the Boultons altogether. The young man came back and said, "My father has died ; you made the cancer worse, you didn't cure it, you afterwards told us it was not a cancer but a tumor and you put on a salve ; and we paid you more ; besides that you didn't cure ; now, according to your agreement, I want the $\$ 50$ back." Mr. Boulton was told-I was going to say politely, but I cannot say it - to get out of the house. I asked Dr. Rose why he did that, and he said, "Because this man did not obey my orders." I asked him what the orders were, and he said he told him not to work - not to heat his blood. I asked him if it was a cancer that Mr. Boulton had, and he said it was, notwithstanding that he had apparently changed his opinion twice in regard to the matter. Then we examined a Mr. Curry, a rather elderly gentleman, who had been splitting wood and a splinter flew up and cut him beneath the eye. He knew Dr. Rose in early days, some thirty years ago, and he knew Dr. Rose's father, when this present Dr. Rose was a lad of about eighteen years of age, and he remembered then having sent this Dr. Rose to Kingston to get some machinery for him ; and at that time, as far as Mr. Curry can remember, this Dr. Rose had no thought of going into medicine. But at the time I have just spoken of he went to call on Dr. Rose, not in a professional way at all ; and when Dr. Rose saw this sore on his eye he asked him what it was, and examined it, and told Mr. Curry that he had cancer and that it would be better to have it attended to at once or it might be serious. Dr. Rose had Mr. Curry at his place for I think some ten or twelve days, and he operated, by way of burning this cut, as it had not healed-Mr. Curry says it had not healed because it was itchy and he kept rubbing it ; Dr. Rose burned it and took away something from the wound, and it afterwards healed up. Mr. Curry was told by Dr. Rose that he had a cancer ; and he was charged $\$ 100$, which he paid. Then Dr. Rose was asked what kind of a cancer it was, and he could not say ; Dr. Bray pressed him further and asked him to tell us the different kinds of cancer, but he could not do that without his books; he did not know apparently that there were different kinds of cancer, at all events he could not tell anything about the cancer. So that the plea of ignorance on the part of my learned friend is, I say, correctly borne out by the evidence and is the only plea that could be advanced on his behalf. That wound which Mr. Curry had was examined by Dr. Anderson, a qualified practitioner ; and Mr. Curry tells us it was pronounced not to be cancer. Then Mrs. Janet Bushfield, a somewhat elderly woman, was examined and treated by him for cancer some three years ago; she stayed at his house and was told she had cancer; and she boarded at his house to be treated for cancer, she also consulted another doctor who told her she was not troubled with cancer at all. So that you will see the conduct of which this practitioner has been guilty. There can be no shadow of doubt that the finding which the Committee have come to in that regard is based upon indisputable evidence which is overpowering, and not contradicted, they could not have done otherwise ; and the finding is correct beyond doubt.

Then, as regards the finding in connection with the Dodds Medicine Company, Dr. Rose shows that he was not as ignorant as regards professional ethics as he endeavored on this investigation to make out, because on his way back from the World's Fair, having been told prior to this that his conduct with regard to the cancer pamphlet was unprofessional - that having blown over, nine months having elapsed since he destroyed those pamphlets-he went to the Dodds Medicine Company and handed in the letter which is before the Council, and which the doctors who gave evidence upon the investigation thought was disgraceful and infamous conduct from a professional standpoint ; and now he says, by way of shielding himself, that he told this man not to publish it. The argument of my learned friend would be perfectly correct if the facts were as stated by him, that there is simply on this evidence oath against oath, and that there is no corroboration. Bur the facts are these : he went to the Dodds Medicine Company and he handed them this letter, and says that he told Mr. McKee, the manager of the Company, not to publish it, that he might have it for the purpose of showing it to a few friends. But on cross-examination he admits that he told Mr. McKee it might be unprofessional, and he did not want to give it to him. Then, apparently, he is pressed for the document, Mr. MeKee telling him "it is no use to us unless we can publish it." What does Dr. Rose then do ? He says, well, in case it might be unprofessional, I will go and consult the Registrar of the Council and a lawyer, and see if I publish that letter which I now show you whether it will be unprofessional or not. During that visit he did go to the Registrar's office, but he didn't see him; Mr. Wasson was there, and there was a conversation between them, but Dr. Rose never saw the Registrar to consult him as to whether this
would be unprofessional or not. He did consult a Mr. Ziba Gallagher, a lawyer in Toronto, who told him that it would not be unprofessional ; he then goes back and hands this document to the Dodds Medicine Co. Now, on that alone I submit that any judge or jury would find that that was given for the purpose of publication, in view of the fact that Mr. McKee had told him it was no use to give him the letter unless he had authority to publish it ; he goes back and gives Mr. McKee that letter, and that I say is prima facie proof that he intended it for publication. But over and above all that, Mr. McKee swears upon his oath that it was understood between him and Dr. Rose that the letter should be published; and over and above that, he says that Dr. Rose saw him making notes of what he was telling him, that these pills had cured him, that six doctors had given him up, that they were a wonderful discovery and a perfect marvel to the medical profession. Dr. Rose admits he said all that. The evidence in corroboration of what Mr. McKee says is that Mr. Wilton Sherwood, who was examine, said Dr. Rose was telling him about these wonderful pills, and he was going to write a testimonial and send or give it to this company. The charge was made that Dr. Rose had obtained consideration for that letter, but the Committee have found, and I think properly so, that he did not receive consideration for it. But evidently the Medicine Company thought it was a pretty good thing because Mr. McKee-it was like drawing teeth to get the information-told me just at the end of his cross-examination that he had not paid anything for the letter, but I then pressed him, and pressed him again, and finally he said he did not pay him himself but he told his bookkeeper to send Dr. Rose $\$ 25$, which Dr. Rose admits having received and which, he says, was on account of postage and for his pains and trouble. Dr. Rose got that money ; and the largest number of letters he would mention that he had received was fifty letters, which at three cents a letter would be $\$ 1.50$, and he told me he had had letters in which the postage was prepaid, letters that contained a stamp for reply. These letters were written to him asking him in regard to those pills; and he gave a favorable answer and advised the parties all to use them. He got that $\$ 25$, it would not be fair to say he got it for that testimonial, because he got it afterwards ; we could not ascertain whether he made any arrangement at the time he handed the letter over or not, in fact I think they both swore that no arrangement was made. This is the kind of man we have to deal with ; he either is so ignorant, or he wilfully does not care. Ignorance in regard to his profession is established, I think, beyond any shadow of doubt, but whether he is so ignorant of the ethics that apply to the profession or not I leave to be judged from the remarks I have made in regard to his thinking that that letter might not be professional. Then we have a further letter which Dr. Rose writes, or his son writes, under his instretions as he admits - evidently he has taken great interest in this Dodds Medicine Company and their pills-addressed to Dr. L. A. Smith, written on the 16 th December, 1893, in which he says, "I can get you a grand testimonial for diabetes. It is a woman that has been afflicted with diabetes for some years. She has doctored with Dr. Yates and Dr. Fenwick, and some three others of Kingston of no use. Six boxes of your pills cured her. She is a tailoress and is widely known with the farming community. Her testimonial will be of great benefit to you. I can get it for $\$ 5$ and twelve boxes of pills. If you approve of it make it and send it to me and I will get her to sign it. I am answering many letters for diabetes. (Signed) E. A. Rose." I think from that letter, although it is denied ly him, he seems to have had a larger interest or a greater interest in the Dodds Medicine Company than was admitted or proved, but the Medicine Company went back on him, they would not send him the $\$ 5$ or the twelve boxes of pills to produce this testimonial, they found out who the lady was and they went.

Mr. Lavell-Dr. Rose told them who she was.
Mr. McCarthy - He told them who she was ; and the Medicine Co. went behind his back and got the testimonial. That is the charge in reference to the Medicine Co. and the kidney pills. And the doctors who were examined stated that in their opinion that was conduct of a grossly unprofessional kind, and that it came within the statute. I' have gone very shortly over the evidence, but I think I have shown you conclusively from facts that cannot be and are not denied, and I have only taken the most prominent ones, that the findings of the Discipline Committee in regard to Dr. Rose are perfectly correct. Perhaps it would be wise for the Council to hold over that charge in reference to the Eclectic Board, in order that the Council may have a further investigation, if any further information can be found, because certainly that Eelectic Board did issue certificates in a very rapid way, and certainly the Pennsylvania diplomas were obtained in a very peculiar way. Dr. Rose admitted upon his evidence, after I pressed him for some time, that his father's diploma, upon which his father registered, was obtained in an illegitimate way. I then asked him if he had not a knowledge of how to obtain diplomas in an improper way, but be did not answer me; he simply muttered something, and that was all. We did not get that information until we saw from the production of the diplomas, which he produced after being asked for them, that his father's diploma was obtained from Pennsylvania in 1868, the same year as his. (He swears his diploma was obtained from Pennsylvania in 1868.) If they were both
obtained in 1868 they must have been in college together. But he did not go that far; he said they were not in college together, and that his father's diploma was not a good or valid for this Council to circumstances do look very suspicious ; and I think it would be wise because the evidence of the the advisability of endeavoring to investigate this matter, where he obtained his "electric" ${ }^{\text {"tary }}$ of the Eclectic Board was very unsatisfactory as to them on his merits within the time stomas. No man could have gone to college and got consider it was on his merits, but he got them anyway; he dot not know whether I would 1868, and I submit that would be impossible if they way ; he got them in 1866, 1867, and the merits. I think the Council would do well to investigate granted and obtained on secretary has retained the stamp and has a number of bestigate that, particularly as this has had since the Board beame lofere diplomas in his possession, and with his father, who was not defunct. Dr. Rose in his examination said he had been 1872 as his travelling agent a properly licensed or registered practitioner, from 1868 to prescribed, and he said he did, and lhen asked him if he practised and diagnosed cases and licensed man, and he said he did it for the benefit of his father ; I then asked him what he received for his services, and he said one-third of all the proceeds. That is the kind of man you have to deal with. He practiced for those years with his father, and admits during that period he was not a licensed practitioner. If he did it then, and it is shown he did, it shows that the man was not over particular as to whether he was licensed or not ; and it certainly has a bearing upon this matter which any judge or jury would consider, and you gentlemen are the judges and should take it into your consideration in dealing with it. I have gone very quickly and very shortly over the facts ; the evidence is very long, but I think I have touched very briefly upon most of the important points in connection with the matter, and I leave it simply in your hands to deal with as you see fit.

The President - Gentlemen of the Council, you have heard the argument for and against ; what shall we do?

Dr. Rosebrugh-Is there anything before the chair?
The President-There is nothing before the chair.
Dr. McLavghlin - The report is before us.
The President - There is no motion before the chair.
Dr. Logan-I think it would be better for some other doctors of the Council than those constituting the Committee on Discipline to enunciate the nature of the punishment to be dealt out to Dr. Rose.

Dr. OAappbell-I would like to ask a question. In, the event of the Council adopting the report of the Committee, and proceeding to act upon it by erasing the name of the offender from the register, what effect will that have upon the first charge which the Committee reports not proven, and which it has ceen intimated as a matter of wisdom should be investigated ?

Dr. Day-I think it closes the case altogether.
Mr, Lavell-If I might be permitted to say, that consent that I gave leaves it all open in case of suspension of your action.

Dr. Moorhouse moved, seconded by Dr. Henry, that the report be adopted.
Dr. Dickson-Do I understand the recommendations of the report to be that the name
of E. A. A. B. Rose be erased from the register?
The President be erased from the register?
The President-No.
Dr. DAY-We simply find the different charges proven or not proven. We give no recommendation as to what shall be done with him ; we have no right to do that. It is not the function of the Committee to do it. The function of the Committee is simply to investigate and report facts.

Dr. Brap-I think there is a misunderstanding about this, and that a good many of the members think that by the adoption of the report we strike the name from the register. The motion is simply for the adoption of the report coming from the Committee to the Council ; and it is for the Council to deal with the report after they have adopted it.

Dr. Campbell-Then we can adopt the report and let the matter rest, if we want to.
Dr. Henry - I thought the adoption of the report was to end discussion?
The Prestinent-Yes ; if you adopt the report that ends it.
Dr. Bray-After the adoption of the report it is for the Council to say what is to be done on the findings contained in the report. The report should be adopted, and the Council may then if they deem it wise suspend sentence. They may let him go, as some others were let go, as long as he behaves himself, with the axe hanging over his head that Nelson Washington, who submitted a precedent for this course of action in the case of Council, and during the year he transareseter to the Council which was accepted by the submission and struck his name off the register. He then appealed acted on his letter of the Council, and the Court sustained the Council; and his name is now stricken off our rolls,
and that act is confirmed by the Court. By adopting this report you are adopting the findings on which you have to judge afterwards.

Dr. Dax - In adopting the report we take very grave chances that we close the investigation. I would therefore suggest that the report be received. That then leaves the discussion open; it leaves the first clause open. I think Mr. Lavell is right in saying, if you adopt the report, it closes the Committee's action in that matter.

Dr. Moorhouse-I withdraw my motion.
Dr. Armour-Might it not shorten matters to move the adoption of the report, stating also in the same motion how we shall dispose of the matter.

Dr. Dax-I have attached Mr. Lavell's letter to the report, so that it becomes really a part of the report.

Dr. Moorhouse moved, seconded by Dr. Henry, that the report of the Committee on Discipline in the case of one E. A. A. B. Rose be received.

Dr. Reddick - I have no particular objection to the motion, but I think the report is already received, if I understand Rule 3 aright. That rule says: "When a committee presents its report, such report shall be received without motion or debate."

The President put the motion, and, on a vote having been taken, declared it carried.
Dr. Moorhocse - I move that proceedings at present be suspended in the case of one E. A. A. B. Rose, and the pledges as now offered by his solicitor to the Council be accepted.

Dr. Reddick-I will second that motion.
The President put the motion.
Dr. McLavghlin - Might I suggest that Mr. Lavell should restate his proposition?
Mr. Lavell- It is that the first charge be open to take evidence at any time. One of the members has asked what guarantee I can give. I can give no guarantee as to unprofessional behavior, except the suspended sentence ; and I will use all the power and eloquence I have to tell Dr. Rose what unprofessional conduct is. All I have is Dr. Rose's statement; he authorized me by letter to say this. My idea is that the suspended sentence is the best guarantee.

Dr. Moorhouse-I am sure, on the evidence that has been presented on both sides here and from the reading of that lengthy type-written report of the committee, that the culprit is exceedingly ignorant. I do not think he ever had any education as a medical man at all, and my view of the matter is that this diploma has been bought, that he, as any ignorant ploughman might, bought a diploma such as was lately sold by the notorious Buchanan-

Dr. Bray - This is one of the Buchanan diplomas.
Dr. Moorhouse-And he has one of the Buchanan diplomas-
Mr. Lavell-That is his father's diploma.
Dr. Moorhouse-And also in view of the fact that the man is far advanced in the disease of diabetes, I believe, and is not likely to live many months-

Dr. Rosebrugh- Why does he not take Dodd's Kidney Pills?
Dr. Moorhouse-Notwithstanding his certificate of his being cured by the celebrated Dodd's Kidney Pills, I think, in view of the se facts, it would be better for the Council to view his case with leniency and suspend action at the present time. By this means we leave open a portion of his conduct for scrutiny, and new light may be thrown on it, and other offences emanating from the same source be brought to light. If we strike this man's name from the roll we would make a martyr of him, and rouse public sympathy; while at present, we have his written pledge, as handed in by his solicitor to you to-day, and read before the Council, as evidence against him.

The President-As Dr. Day says, it is part of the report now.
Dr. Moorhouse-Yes. I think this would be the wise course to follow in view of the circumstances.

Dr. Moore-For my own information and the information of the Council I would like to know, in case we do suspend sentence on this man's case, whether we can strike him off at any time hereafter without his again offending? It appears to me, if we suspend sentence he must offend again before we can take further action.

Dr. Moorhouse- 1 think not.
Dr. Moore-The reason I take exception to this is, I do not think he is a medical man at all. I do not believe he ever was a medical man. I believe he obtained his right to practise by fraud. I believe, as much as I believe anything that I am not positive of, that this man never attended a medical college, and that he knows nothing whatever about medicine, and therefore, when we are erasing his name from the register, we are not erasing the name of a medical practitioner from the register at all. I have had some objections before about striking a man's name off when he was first found guilty, simply for the reason that he was a well-educated fellow. But here is a man who never had a degree or never was a medical man, and who has no rights or claims on us, and who has been a fraud from the time he obtained this degree, and, from his own story, long before it. This man was registered, but, I believe, on his father's diploma ; and he tells us in his evidence that his father bought his
diploma. I am anxious that this matter relating to the Medical Eclectic Board should be sifted, because I think that matter is quite as important, and perhaps a good deal more important, to this Council and the profession in the Province. The only reason why.I would consent to suspended sentence is, because I think it very necessary to go on and look after this eclectic fraud, or apparent fraud. I am of this opinion because we have in evidence the statement of a man who tells us he has been attending two colleges, one in Philadelphia and one in New York, at the same time. The man I speak of was the strangest man to give evidence that I ever met. He told us in his evidence that he could not even swear what he thought. Now, if it is better to suspend sentence and trust to this man going wrong again, and I think he will, for I do not think he can go right at all hardly, probably you had better suspend sentence, for I think we should get after that seal and after those diplomas that are lying in the hands of a certain gentleman or in the hands, as he told us, of another gentleman. I think it is very necessary that we should get those things; and if Mr. McCarthy tells us we can lop off this man's head at any time hereafter when he offends, without having to go to the expense of a further inquiry, I would say to let him go
on suspended sentence.

## Dr. Day-We have had that opinion from Mr. Osler already.

Dr. Mulavahlin-It is always well to temper justice with mercy, but I think it is a great pity to make a caricature of justice, and it seems to me, if this motion prevails, something of that kind will be done to-day. I would like to see my esteemed friend from London, with his dignified manner, meeting Dr. Rose somewhere and taking him in his arms as a brother in the profession. I have read over this cancer pamphlet of Dr. Rose, and I find it is a wonderful construction from beginning to end, and for the information of some of my friends here who are not very well posted on cancer, I think it is advisable I should read some of the symptoms of cancer as therein stated, because it is sometimes a little difficultat least I find it difficult-in the early stages to diagnose it: "The only symptoms for months, and in many cases even years, are occasionally a stinging, darting, stabbing, shooting, burning, smarting, itching or creeping sensation, and in some cases not even any of these. If you have a branny, scaly, crusty or warty appearance, with an occasional exfoliation of the same upon the face, lips, nose, or any other portion of the skin, attended with any of the above symptoms, or givinz an occasional sensation as though a fly had alighted upon the part, or a hair were tickling it, the evidence should be conclusive that your trouble is cancer:" (Laughter). This document abounds in statements of that kind from beginning to end, and he goes further on to say that cancer may absolutely be cured, and so on. Now, Mr. President, I cannot support the motion that has been made. I think if any case demands action on the part of the Council to clear itself of mon who are guilty of unprofessional conduct and who are a disgrace to our profession, this is one of them.

Dr. Beitrox-The only thing that stands in the way of summarily ordering his name to be erased, is the apparent necessity that has been disclosed during this trial or investigation to determine what has been done with the seal and blank diplomas of the defunct Eclectic Examining Board. I would like to know whether or not any steps have been taken ia this Council in that direction, and if so, whether or not those steps are likely to be as practical and as likely to lead to a result and to accomplish what we desire as though we were to allow this matter to remain open for further investigation, because further investigation of this matter means a further expense to this Council. One of our most expensive committees is the Discipline Committee. I have the greatest regard for the Discipline Committee, and I think it has accomplished a great deal in the past and will do a great deal in the future and I am satistied that every cent that has ever been expended in the maintenance of that Committee and the earrying out of the directions given to it has been well expended. I have nothing to say but that which is well and kindly concerning the Discipline Committee, and I have to speak especially of the gentleman who is present with us, Dr. Day, because, as I once said before, he has a temperament and tendency that to a large extent would qualify him for a judge on the bench-(hear, hear)-provided he had the necessary papers from Osgoode Hall. Dr. Day has done his work well, and the Discipline Committee has done its work well, and I want, for one, if possible to avoid further expense in connection with this man Rose, or Dr. Rose, whatever his name may be, and if we can otherwise succeed in getting all the information that we require concerning this defunct Eclectic Examining Board, and without any great expenditure of money, I would then vote for the summary erasure of his name from the register.

Dr. Bray - In answer to a question that Dr. Britton put here, if there had been any steps taken, it was with that view I gave notice of motion to introduce a resolution this afternoon As a member of the Discipline Committee, I do not intend to express an opinion on this case, as to whether it would be well to strike this man's name off our register. I have my own opinion, but I think it would not be right to express it here.

The President-I do not see why it would not be proper. Dr. Bray is a member of
the Council as well as of the Committee, and every member who has a seat in the Council has a right to express an opinion.

Dr Bray-I do not think so before the case is disposed of. I think we are still acting in the capacity of judges, and I do not think it would be well to give our opinion until after the case is diposed of; that is the view I have always held, and I have always been very careful never to express any opinion or ask any questions during the investigation except what I considered of vital importance, the same as a judge on the Bench would. I would rather not express an opinion now, although I would like if some member of the Council could express my opinion for me.

Dr. Henry - I have no hesitancy whatever in expressing my opinion. I think that man's name should be erased from the register. I think last year or the year before we were of a somewhat charitable disposition to an offender, and it was only a few months till he offended again. It is not likely we could get any information from Dr. Rose, although we might from Dr. Hall, and I think we ought to erase this man's name from the register.

Dr. Sangster-I would like to know two things In the first place, if that man's name is erased from the registef, does it preclude any further steps on the part of this Council to delve into the matter of the Eclectic Board diplomas? It appears to me the Council is still in a position to carry on any enquiries in that direction that they may see fit to make. The other question that I think is important, is to know what the experience of this Council is with regard to other men who have been let off on suspended sentence. Is it the fact that they have ultimately, in almost every case, had to have their names erased from the register, or is it not? If the experience of this Council is to the effect that even after they have allowed a man to go on suspended sentence they have subsequently to erase his name from the register, then I for one am in favor, and strongly in favor, of instant and prompt punishment following on the offence. I think the Discipline Committee, which has done excellent work, weakens its action and weakens the effect of its decisions very much by allowing the delinquents through the country to feel we will undergo the trial, and then some goodnatured fellow in the Council will get up and say, "Let him off; he is near death's door and he has a wife and a number of children, or he is lame, or some other paltry excuse of that kind." I say if you find a man guilty of unprofessional conduct, or a disgraceful act, in a professional sense, strike his name from the register at once.

Dr. Britton-Dr. Day, the chairman of the committee, has had a good deal of experience in the past, and therefore I would like to ask a favor of him. I wish to move, in amendment to the motion, that the name of Dr. E. A. A. B. Rose be erased from the register, but I know it is necessary that a motion should be put in a special form, and I would like Dr. Day to do that for me.

Dr. Bray-I have the special form here which Dr. Day had printed.
Dr. Willuas-While Dr. Britton is getting that motion ready I think it would be interesting to the Council if Dr. Day would just state what the facts are with reference to those persons who have been allowed to go on suspended sentence in the past ; it would only take about two or three minutes to tell us, and he can tell us how many of those had to be struck off our register afterwards, and how many are still on the register.

Dr. Dax-Speaking from memory I really cannot say, but Dr. Pyne can tell us just how many. The case that gave us the most difficulty was that of Dr. Washington, the first case we had. As the thing was somewhat new at the time, by the advice of our solicitor, we allowed Washington's name to remain on the register, he giving an absolute pledge, with his solicitor joining, that he would not transgress in the future, and that if he did transgress there was to be no more investigation about it, and therefore there would be no extra cost about it. If a man under suspended sentence does transgress you simply strike him off ; it is simply a suspended sentence ; you do not lose anything by suspending the sentence, and you may gain a great deal. In the Washington case we did gain a great deal ; for this reason, that Dr. Washington signed a document that if he did transgress in the future and the Council struck him off, he would consider himself justly erased from the roll and would make no complaint ; and when he violated that undertaking again, and we did strike him off, and he went before the Court of Appeal, the Court said, there is your own proposition, that if they let you remain on you would behave yourself; the Council accepted that proposition and let you remain on, and you have violated that, and they have been compelled to strike you off. They at once threw his case out; they said, according to your own agreement you have no right to appeal ; that was an agreement something like this that Mr. Lavell puts in to-day that he would in the future comply with the rules of the profession ; and when Dr. Washington broke that agreement again the Court at once said, you have certainly now, according to your own proposition, forfeited your position, and we cannot hear you at all. you are not in court.

Dr. Sangster-That hardly meets. Dr. Williams' questions. What most of us are anxious to know is, are there any cases that have been allowed to go on suspended sentence that have really and definitely and clearly turned over a new leaf in their lives and led clean and reputable professional lives afterwards? I know Dr. McCully was allowed to go
on suspended sentence, but if my recollection serves me right his name was presented to the Discipline Committee last year for advertising, and that was after he was allowed to go on suspended sentence. It is a point in which most of us are interested; these discipline trials cost money, and a very large amount of money, as Dr. Britton has properly said. They may be absolutely necessary for the benefit of the profession, but at least every tria! that is held should do the utmost amount of good, as a deterrent, that it possibly can do; and I claim the only way to do that is to let your punishment follow the offences promptly and inevitably.

Dr. Britron-Before proceeding any further I might say I have in my hand the form of motion which is necessary to make for the purpose of erasing the name, and I notice in this form a paragraph which would lead me to think we are somewhat out of order. I may, perhaps, be in error in that respect, but I would ask whether or not the report of the committee has been adopted, and I will read the paragraph to explain the position.

Dr. DAy-Adopting the report makes a finality of the matter, it closes up any further investigation you want to have. The report was not adopted with a view of leaving the first charge open ; I think that is the reason why the word "reception," and not "adoption," was used. If you intend to close it up it would be absolutely necessary to adopt it, there

The Presidevt that the President-I have a motion here by Dr. Moorhouse, seconded by Dr. Reddick, present time.

Dr. Rogers-I move in amendment, seconded by Dr. Moorhouse, and resolved, that whereas the report of the Discipline Committee in the case of Ezekiel A.A. B. Rose has been received by this Council, and whereas the said committee has found the isaid Rose has been guilty of certain charges of disgraceful or infamous conduct in a professional respect, and whereas the Council has received the assurance of the legal counsel of the said Rose, pledging that the said Rose will not again offend in any similar manner or in any unprofessional manner, therefore this Council decide to defer action in the matter for the time being, but they may at any future time take action thereon. I am quite as unwilling as any member of this Council to make any effort to shield the guilty, and I do not think it is a good practice to attempt to shield those that will do wrong, such as this man undoubtedly has done, but there is always a legal danger, and you must always remember that point in these cases, and that is, if you erase this man's name and he should go to the courts you have simply the findings by the Discipline Committee, and, while that might be strong enough, there is no evidence which can be produced is as strong as that admission which the counsel of the accused in this case now gives the committee. And, mind you, if you erase his name that very moment the admission of his counsel ceases to be part of your legal affairs on which you can go to the court ; you cannot use it, it ceases to be in existence. But if you adopt this motion, we simply defer action ; we say this, that at any time you can take action again, and if he offends in any degree unprofessionally, you can simply, on the evidence aiready taken and on his own admission, erase his name. But it places you in this position, when you have done that, the courts will say, well, Dr. Rose, they found you guilty, you admitted it through your counsel, here is your own admission signed by your counsel, and we cannot hear you at all. Now, that being the case, I think we ought to go first a little slowly, and in this way. I believe we can save ourselves, perhaps, from litigation. It may be stated, for instance, that we are acting too leniently in attempting to shield a man who is guilty and who is not a professional man at all, but that has nothing to do with the case ; the first charge, that he got his degree wrongly has not been declared proved, and from the fact that he is now registered he stands in the sight of the law equal to any member in this room, as far as registration is concerned. We may believe otherwise, but that being the case, we should take the suggestion of the chairman of the Discipline Committee, that it is wise not to be in a hurry, and to defer action. I believe, too, that this man may not live a year; I know the case ; he is a man who used to be formerly in my own division, and a man that is no doubt dying, and in a very short time he will cease to
trouble us.

Dr. Moore-He looks as well as you do.
Dr. Rogers - That is not the evidence given to me.
Dr. Bray - He has no more diabetes than I have.
Dr. Rogers-If this man is really sorry for his wrong-doing, if he is really repentent, and if he is willing to say I will do better in the future, I think the best thing that this Council can do is to act leniently, and if he breaks out again it gives us fifty times a stronger case to go to the Court of Appeal; for that reason I would urge the Council to consider very seriously the action they take in this matter; and in doing that I do not say my view is and the urgent advice of Mr. Osler ated on before on the advice of Mr. Osler himself, admission and suspend sentence if we wr. Osler has always urged us to endeavor to get an we have evidence which cannot be disputed.

## Reports of Societies.

## THIRD QUARTE ZLY MEETING OF THE PROVINCIAL BOARD OF HEALTH.

The Board met at the Hotel Quinte, Belleville, at io a.m., August 13th. Present: Dr. Macdonald chairman ; Dr. Brýce, secretary ; Drs. Cassidy, Kitchen and Vaux. The minutes of the two preceding special meetings having been read and adopted, correspondence was read showing what had been done by the officers of the Board in preventing the pollution of the Detroit River at Amherstburg and the Niagara River at Black Rock. The culprits" (Americans) had been fined and compelled to give bonds that they would not repeat the offence.

A letter was read from Messrs. Martin \& Martin, solicitors, of Hamilton, complaining of a nuisance caused by the excavation of a tunnel along Hunter Street, which was required for the T. H. \& B. railway.

A letter was read from Mr. Neelon, Secretary of the L. B. H., Nipissing Junction, requesting the Board to pay a bill for medical attendance to a poor patient who had had typhoid fever.

Correspondence was read from the Secretary of London Township L. B. H., respecting an alleged nuisance caused by a pork-packing establishment. Also from Sault Ste Marie, respecting a nuisance arising from the sewage of the Algonquin Hotel.

A letter was read from Dr. Campbell, of London, enquiring about systems of sewage disposal.

Dr. Bryce then read a report on the nuisance arising from pork-packing in London Township. He con-
sidered the reports exaggerated, and stated that the wash water was filtered, and that although the nuisance had not been removed there was much improvement.

## SECOND SESSION.

The Board resumed after lunch. Mayor Bailey, of Orangeville, presented plans of the contemplated water supply of that town, and asked permission to go on with the work. The Board approved of the plans and gave the desired permission.

The Secretary of the L.B.H., Meaford, wrote the Board asking for information about water supplies, after the village Water Works had already been put in operation Should the supply prove satisfactory, no adverse action will be taken. Port Hope Water Works scheme still remains unsettled.

A letter was read from a correspondent at Sault Ste Marie respecting the packing of fish called "seconds." The fish, when too soft, were treated with brine and sold as seconds. Referred to the Committee on Foods.

Dr. Bryce then read his quarterly report (see p. 197). The report was adopted.

## THIRD SESSION.

The Board met again on the evening of the 14 th inst. to consider the disposal of the sewage of Walkerton jail.

The Mayor and town clerk of Walkerton, requested the Board to permit the town to discharge the jail sewage into the Saugeen River without previous filtration. The amount of sewage being small and there being no adverse interests, the required permission was granted. The Board then adjourned.

## MEDICAL HEALTH OFFICERS OF ONTARIO.

The Tenth Annual Meeting of the Association of Medical Health Officers of Ontario was held at Belleville on the 14 th and 15 th of the current month. The attendance was small, which was the more regrettable as Mayor Walmsley and the City Council of Belleville exerted themselves to provide for the entertainment of their visitors, and the quality of several of the papers read merited a larger audience. Hard times, we suppose, may account for the absence of many well-known medical health officers from the Belleville meeting. This, however, will scarcely explain the thin house at the Citizens' meeting, which was held at the Opera House on the evening of the 14 th inst. A conversation which we overheard on entering the building may throw some light on the small attendance: First Boy-"What's goin' on in dere, Jim ? Is de band goin' to play?" Second Boy-"Naw, Jack, it's only 'em health fellows." We rather opine that unless they are prepared to ride into town on fancy bicycles, preceded by a brass band, the "health fellows" had better avoid Citizens' meetings in future, and confine themselves to strict science.

Educated people who feel a real interest in hygiene can start voluntary sanitary associations in the municipalities, and send delegates to the annual meetings of the Association. Of the nineteen papers on the programme, sixteen were read during the four sessions of the meeting. We shall publish with pleasure some of these papers.

The newly elected officers are : President, Dr. Hall, M.H.O., Chatham; First Vice-Pres., Dr. Sheard, M.H.O., Toronto ; Second Vice-Pres., Dr. Hutchinson, M.H.O., London'; Sec.-Treas., Dr. Bryce, Sec. P. B. H., Toronto ; Council, Dr. Cassidy, P.B.H., Toronto ; Dr. Coventry, Windsor; Dr. McCrimmon, M.H.O., Palermo ; Dr. Treacy, M.H.O., Belleville ; Mr. Bowman, C. E. Berlin. The next annual meeting will probably be held at Windsor, Ont.

## CANADIAN MEDICAL ASSOCIATION.

The thirty-eighth annual meeting of the Canadian Medical Association will be held in Kingston, Ont., on the 28th, 29th and 30th August next.

From what we have learned of the programme from Dr. Starr, the general secretary, it seems to be certain that the meeting will be an unusually profitable one, so far as professional work is concerned.

Dr. Bayard, the president, is eightyone years of age on the 2 ist August.

Dr. Edward Farrell, of Halifax, will give the address in, Medicine and Dr. I. H. Cameron, of Toronto, the address in Surgery.

The following papers have been promised :
"Notes on Typhoid Fever in Private Practice," W. S. Muir, Truro, N.S.
"Report of a case of Acromegaly," F. Buller, Montreal.
"A Tumour of the Medulla Oblongata," Dr. Graham, of Toronto.
"What is the best treatment for Retroversion of the Uterus?" A. Lapthorn Smith, Montreal.
"Septic Meningitis and Infective Sinus Thrombosis from Middle Ear Disease," Geo. E. Armstrong, Montreal.
"Report of a Case of Dysmenorrhœea," J. C. Campbell, Seaforth.
"Some Practical Notes on Mental Depression," J. V. Anglin, Montreal.
"Objective Noises in the Head," G. Sterling Ryerson, Toronto.
" Final Results of Gastro-enterostomy," Robert C. Kirkpatrick, Montreal.
"The Aperative Treatment of Injuries to the Head," A. J. McCosh, New York.

Papers have also been promised by Drs. T. Wesley Mills, R. F. Rut$\tan$ and T. G. Roddick, of Montreal ; E. E. King, B. E. McKenzie and A. McPhedran, of Toronto ; A. Bertram, Seaforth; Sir James Grant, Ottawa, and others.

There will be a skin clinic held by Drs. Graham, of Toronto, and Shepherd, of Montreal. Dr. Bulkley, of New York, is also expected to be present.

It is expected that the coming meeting will be the largest assemblage of medical men ever held in Canada.

We sincerely hope that the report of the Committee on Interprovincial Registration will be something tangible:

The meetings will be held in the Convocation Hall of Queen's University. Opportunities will be given those desirous of seeing the interior working of the penitentiary and military school. A very pleasant trip through the Thousand Islands will be given visitors on board the palace steamer America.

## PROVINCIAL BOARD OF HEALTH.

## REPORT OF COMMITTEE ON Epidemics.

To the Chairman and Members of the Pro-
vincial Board of Health of Ontario:
Gentlemen,-I have the honor to report that the public health during the past quarter has been maintained to an unusually high degree. This can, it is believed, be accounted for in a large degree by the dry weather which has prevailed up to the last fortnight. It is certainly in some degree due to the greater care which is being everywhere exercised in the removal of garbage and street refuse. The exception to these favorable conditions have occurred especially in towns and villages having rivers or creeks passing through them, which, being ponded, have during the dry weather created local nuisance and malarial conditions at times, owing to the holding up of water in mill-dams, thereby leaving organic materials exposed to the sun, to undergo decomposition. Such complaints have been received from Odessa, London West, Burlington Beach, Thorold, and other places, the conditions varying as stated in the correspondence herewith presented.

In addition to these sources of insanitary conditions, there has been repeated this summer, in the pollutions of the Detroit River with garbage from that city, and of the Niagara River, with the dredgings from the canals and docks of Buffalo, a class of nuisance the serious character of which needs to be seen to be fully appreciated.

The Detroit Contractor was dump-
ing some 50 tons nightly of the most noisome slaughter-house garbage into the river, dumping on seveal occasions at points from which it floated in shore and above the point of the Amherstburg water intake. Assisted by the Cruiser Petrel, of the Fisheries Protection Service, the local authorities of Amherstburg and Malden suc, ceeded, after a close chase, in catching a tug and scow attached. The trial of the offenders was continued for two days under different indictments, and fines levied, but the offenders failed to respond and served their periods in gaol.

Owing to serious complaints from municipalities along the Niagara River, of the continuance for years of the Buffalo nuisance, I determined, if possible, to make a seizure there, and to this end solicited the services of Captain Dunn, of the Dominion Cruiser Petrel, which he most willingly gave. As absolute secrecy was necessary to insure success, I established communication between the local authorities and Captain Dunn, and we finally succeeded in seizing a tug and two large scows, which we had just witnessed dumping dredgings, to the extent of some 150 tons per scow, into the Niagara at a point just a little below the Buffalo intake pipe.
The seizure naturally excited some attention along the river, since the vessels were valued at some $\$ 12,000$.

They were brought to the Canadian shore and tied up, and the men of the tug were imprisoned, no bail being accepted. The owner, having come over to bail them, a charge was at once laid against him for carrying on business, without a license, within the municipality.

The prisoners and owners pleaded guilty to the charges preferred, and the owners gave bonds in Canadian securities that he would not dump further in Canadian waters. Captain Dunn handed the seized vessels over to the Collector of Customs, and they, after a few days, released the prize on payment of costs.
For the time this has stopped the direct pollution of Canadian water in the Niagara; but, it is apparent, with dredgings amounting to 5,000 tons daily into the Niagara River, a part of which is always organic, that a condition of things exists notably along the Niagara which calls for the most serious consideration of the health authorities of the two countries. When it is remembered that the development of electricity is bringing the district, on both sides of the river, into a line of industries, that Tonawanda, Niagara Falls, Suspension Bridge, Lewiston, Chippawa, Niagara Falls village, Niagara Falls town, Queenston and Niagara-on-the-Lake are now, or must within a few years, seek the river for their water supply, it is hardly necessary to say that even a Niagara will not be sufficient to long endure such pollution without affecting the health of these places in the most positive manner. I am collecting data for the discussion of the question in its practical bearings, and hope to have them ready for presentation at the American Public Health Association in Denver in October, and shall endeavor to have a committee of interested States and cities appointed to give practical direction to efforts for removing this most serious sanitary condition.

Small-POX.-Although small-pox has continued in some degree in neighboring States and in Detroit, I am yet able to state that no cases have appeared in this province since the change in the officers and constitution of the Detroit Board.

Diphtheria has here and there appeared during the summer, and antitoxine has been called for to some extent, as seen in the following statement :

Since the meeting of the Board on June $4^{\text {th }}$ sixty-nine bottles of diphtheria antitoxine have been bought and fifty-seven sold. The price continues the same, viz., $\$ 2.25$ for bottle of 25 c.c.

The activity of the local authorities has seemed, with the favorableweather, to have prevented its serious spread in any municipality.

Having had occasion during the summer to be for a day or so in several of our districts where summer resorts are becoming rapidly developed, and where the old simple conditions are being succeeded by more pretentious hotels, where, in some cases, some 200 guests are provided for, I have found what experience elsewhere testifies to, that the conveniences for water supply, and especially for disposal of sewage, which are being attempted, usually result in defective pipes and water supplies polluted by sewage poured in the lake or stream, often in close proximity.

I would suggest the expediency of having a circular prepared by the Committee of Sewerage, to be sent to the various districts, and that the committee be empowered to take
such steps with regard to having these resorts put in such sanitary condition for another season, as the circumstances may dictate.

All of which is respectfully submitted.

> P. H. BRYCE, Secretary of Cowmittee.
> Toronto, August 13 th, 1895 .

## SIMCOE DISTRICT MEDICAL ASSOCIATION.

The thirteenth regular meeting of the Simcoe District Medical Association was held in Barrie, on Thursday, July inth. Members present were : Dr. Stephens, of Collingwood; Lehmann and McClinton, of Elmvale ; McCullough, of Alliston ; West, of Angus; Hyslop, of Hillsdale; Clutton, of Edgar ; Evans, of Stroud; Dunn, of Beeton; Stephenson, of Bradford; Little, of Churchill ; Howland, of Huntsville; Raikes, of Midland; Hanly, of Waubaushene ; J. A. Harvie, of Coldwater ; A. E. Ardagh and A. R. Harvie, of Orillia ; and Morton, McCarthy, Wells, W. A. Ross, J. A. Ross, Palling, Smith, Wallwin and Arnold, of Barrie. Drs. G. A. Peters and A. Primrose, of Toronto, were also present as guests of the Association.

Dr. McCullough, of Alliston, read a paper on "Sciatica," which showed very careful preparation. For treatment, rest, nerve-twitching by manipulation of the limb, massage, galvanism and general tonics were strongly advocated, while the use of blisters was condemned. Drs. Morton, Stephens and Peters dis-
cussed the paper, the two former strongly recommending the application of blisters in all cases.

Dr. Lehmann, of Elmvale, then read a paper on "Morphoea," and exhibited a patient with this rare skin affection, the disease in this case being of about twenty years standing.

Dr. G. A. Peters read a paper on "Retrograde Catheterization for Impassable Stricture of the Uretha," and showed a case, a boy aged six years, on whom he had recently operated for a very tight posterior urethral stricture, which had existed from infancy. After repeated attempts to pass an instrument, Wheelhouse's operation and then Cox's operation were resorted to, both without success; but finally, after performing supra pubic cystotomy the difficulty was overcome. The result in this case is highly satisfactory.

Dr. Primrose read a very instructive paper on the "Surgical Treatment of Tuberculous Glands."

Dr. Hanly, the district representative to the Ontario Medical Council, gave a brief review of the work done by the Council at its recent session.

After adjourning to luncheon, provided by the Barrie members at the Queen's Hotel, the election of officers for the ensuing year was proceeded with, and resulted as follows:President, Dr. L. G. McCarthy, of Barrie ; First Vice-President, Dr. A. R. Harvie, of Orillia ; Second Vice-President, Dr. A. T. Little, of Churchill; Third Vice-President, Dr. J. E. Lehmann, of Elmvale ; Fourth Vice-President, Dr. J. W.McCullough, of Alliston ; Treasurer, Dr. E. D. Morton, of Barrie ; Secretary, Dr. Raikes, of Midland, re-elected.

## THE HURON MEDICAL ASSOCIATION.

The usual quarterly meeting of this Association was held in Seaforth, on the gth inst., the President, Dr. Smith, of Mitchell, in the chair. There were fourteen members present. A good part of the time was taken up with a discussion on the report of the Tariff Committee. The report, with a few unimportant alterations, was finallyadopted. Thetariff wasordered to be printed, and a copy to be sent to each medical man in the division, who was expected to signify his approval by a postal card, to be sent to Dr. McKay, Seaforth, secretary of the Association.

The next great item of interest was the report of Dr. Graham, representative to the Medical Council. His report was very full and satisfactory, and his conduct met with the entire approval of his constituents. The Doctor criticised the conduct of the obstructionists, who added so much to the length and consequently to the expense of the Council by their suicidal conduct. Moreover, the language of one of the cranks in question is quoted in the Expositor of Seaforth, by the crank of the Liberal party-the only man in it who voted with the Patrons in favor of the now notorious Medical Bill. One of the members facetiously remarked, that for the crank of the Liberal Party to quote the crank of the Medical Council as being the exponent of that Council-he might as well quote Judas Ischariot as being the exponent of the disciples of our Lord. Both the "Macs" (the political and the
medical) will please appropriate the ' compliment.

Dr. Stanberry, of Bayfield, presented a case of Locomotor Ataxia, which was examined by the members. An excellent discussion then followed.

In the absence of Dr. Turnbull, Dr. Gunn presented a case of "Lateral Curvature of the Spine" in a child three years old. Under proper treatment it was improving, and was now able to walk.

Report of a case of "Constricted Femoral Hernia," followed by operation for radical cure, with successful results, in the absence of Dr. Campbell, who was confined to his house through sickness, was presented by Dr. Bethune, and as time was short it was received as read. It will be published in full in this journal.

The paper by Dr. Amos, on "Masturbation in Schools," was presented by Dr. Rollins, but, in the absence of the author, was. postponed until next meeting.

Dr. Rollins then read a paper bn "Old Remedies," which was very interesting, and was followed by a good discussion.

Six o'clock having arrived the meeting now adjourned to meet in Clinton during the first week in October. Thus ended one of the most interesting meetings which the Association has ever held.

Never give stimulants in a case of profuse hæmorrhage (Clinique). The faint feeling or irresistible inclination to lie down is Nature's own method of circumventing the danger, by quieting the circulation and lessening the expulsive force of the heart, thus favoring the formation of a clot at the site of injury.

## British Columbia.

Under control of the Medical Council of the Province of British Columbia. Dr. McGuigan, Associate Editor for British Columbia.

## A HOME FOR CONSUMPTIVES.

For some months past there has been devoted considerable space in the public press to the discussion of a home in the Dominion for that class of patients known as consumptives, but it has been found difficult to make a selection of a site for its establishment, owing to the varied claims brought forward by particular localities, many of them separated by wide geographical distances and differentiated by such natural distinctions as prairie and mountain country. In a matter of this kind, when the comfort, health and lives of our fellow-creatures are at stake, it devolves upon the members of the medical profession throughout the length and breadth of this Canada of ours to assist the authorities in making a choice of that particular spot, wherever it may be, which offers the best advantages from the point of view of health, irrespective of any local jealousies or commercial considerations. It would certainly be difficult, indeed impossible, to obtain one particular place which would combine in itself all the necessary advantages and qualities suitable to every case of phthisis all the year round. To look for that would be simply to give up the idea of any place whatsoever. There are parts of the interior of British Columbia, very little known abroad, which have acquired reputations for the salubrity of their climate and to which the physicians of the coast are in the habit of
sending patients who have bronchial and lung affections, and after a sojourn for a longer or shorter time, according to the circumstances, are benefited in many instances to a very material extent, and even one might say, cured altogether, so far, at least, as it is possible to detect by mere physical signs. Kamloops is one of these resorts. It is 275 miles from Vancouver, situated on a moderately elevated plateau at the junction of the north and south branches of the Thompson River. The town contains about $\mathrm{r}, 000$ inhabitants, and is the centre of a rich grazing and agricultural country, abounding in beautiful cool streams and small lakes full of mountain trout. Through the kindness of Dr. Lambert, we are enabled to put before our readers this month a description of the climate and other natural features of Kamloops, which cannot fail to be of great interest to them all. It will be perused, we feel certain, with pleasure and profit, and written, as it is, with the conservatism of a scientist, it is unnecessary to say that it may be implicitly relied upon.

## To the Editor :

SIR:-The question of a sanitarium for phthisical patients has been rather prominently before the public lately in the Eastern papers, and Kamloops has been mentioned by many, whose opinion should carry some weight, as a suitable site for such institution.
It may therefore be of interest to lay before your readers an account of the climate of this district, together with any other points bearing on the question.

It is not the intention of the writer
of this artitle to go into the question as to what climate is the most suitable for phthisical patients, or any other questions of a similar nature. It is presumed that your readers are probably better competent to judge such matters than himself. Neither is it intended to put forward an exaggerated claim of the pre-eminence of the climate of his district, it is simply intended to show in what the facts consist, so that those who read them may judge for themselves.
The rainfall is very light, being only 6.7 in . for 1893 , and 5 in . for 1894 ; it is usually experienced only in light showers, a rainy day being a rare exception.
The soil is light sandy loam with a subsoil of porous gravel, allowing easy natural drainage and quick absorption of moisture.

The altitude is about 1,200 feet above sea level. The atmosphere is light, bracing, and of great purity ; any small objects being wonderfully distinct at a distance.
The best season is from the beginning of May to the end of October, usually a period of almost uninterrupted sunshine. There is considerable heat in July and August, tempered, however, by cool evenings. This heat, owing to the extreme dryness, is not felt very severely, and cases of sunstroke and heat-apoplexy are unknown. The cold in the winter is not usually very severe. In January, 1894 , the lowest recorded was -7 , and in the winter of $1894-95$, the thermometer only fell once below zero. The winter days are usually clear and bright with brilliant sunshine. The vital statistics taken from the Government
records, show that the town and district are free from typhoid and malaria of a severe type, and the zymotic diseaseś are almost unknown.

The following statistics will speak for themselves to medical men, and require little comment :

Vital Statistics 1893-1894.
White population, about 1,000 .
1893 .-Births, 12 ; deaths-adults, 3 ; children, o.

1894--Births, 8; deaths-adults, 4 ; children, 0.

Zymotic Diseases.-Diphtheria, o; small-pcx, o; scarlet fever, I ; typhoid, 2 (both imparted cases); measels, 0 ; whooping-cough, o; cholera infantum, o ; malignant sore throat, o ; erysipelas, o.

These statistics also point to a pure water supply, absence of overcrowding and of extreme poverty; together with open air employment, must also play a part in producing such favorable records, and also must have some bearing on the fact that no cases of phthisis have been known to commence in the neighborhood, and that tubercular meningitis, and kindred diseases of the bones and joints, are conspicuous by their absence; on the other hand, among the Indians and half-breeds such diseases are exceedingly common, so that the agent of infection is certainly present, but the conditions are evidently unfavorable for its development, and under such conditions the white population is enabled to resist its attacks.

In my own practice at Kamloops, I have known many cases in which great benefit has been derived in early tubercular cases by residence
in this neighborhood, and there have been several cases of apparent cure. In fact, it can be confidently stated that there are several residents of the town at the present time whose change of residence to a less suitable climate would doubtless be followed in a short time by recrudescence of the disease. One instance may be quoted, in which, in spite of night work and sedentary occupation, there was gradual improvement in symptoms and weight; two months' residence in winter at the coast was was followed by fresh symptoms and hæmorrhage, and shortly afterwards terminated fatally. Two cases at present under observation may be quoted:

Mrs. C., sputa examined in Ottawa and a diagnosis of phthisis made, and very unfavorable prognosis given; arrived in Kamloops November last ; gained at present ten pounds; cough and expectoration ceased.

Mrs. S., arrived in Kamloops, September last, with hæmorrhagic phthisis; gain of eight pounds by February; hæmorrhage has ceased; cough and expectoration much diminished.

It is not by any means claimed that all such cases are benefited by residence here, as unfortunately many arrive when the disease has advanced too far and could not be helped by any climate under the sun, and I have seen others of that rapidly fatal form, sometimes called by the laity "galloping consumption," proceed to a fatal termination as quickly here as in less favorable localities,

The utmost that can be claimed for this, as perhaps, for any climate suited to such cases, is that a certain per-
centage will derive benefit from it, and if the disease is not too far advanced, will proceed to an apparent and often permanent cure, especially those who still retain sufficient vitality to enable them to seek and enjoy the sport and outdoor pursuits so easily obtained in this country, and who have strength still left to resist those changes of climate which are inevitable to every northern region.

## T. W. Lambert, M.B., Cantab.

## Collective Investigation on

 Anesthetics. - Gurlt, of Berlin, states that the collective investigation has now been going on for five years. This year 52,677 new cases were reported, of which 31,803 were chloroform narcosis, with 23 deaths, and 15,712 were ether narcosis, with 5 deaths. In 2,148 cases narcosis was produced by a mixture of chloroform and ether, in 1,554 by the so-called Billroth mixture, in 1,425 by ethylbromide, and in 34 by pental. The use of ether has much increased. The mortality from chloroform seems to be much greater than that from ether; but very often grave disorders of the respiratory organs, such as pneumonia and bronchitis, result from the inhalation of ether, and death from those complications ought to be regarded as equivalent to death under anæsthetics. Ether was especially harmful after laparotomy. Dr. Schleich, of Berlin, explained this theory of the action of anæsthetics. According to him, they are more dangerous the more their boiling-points differ from the temperature of the body. He has devised an anæsthetic mixture (chloroform and petroleum-ether) whose boiling point is the same as the tempera-ture of the body, and states that he has obtained excellent results, all the disagreeable symptoms (vomiting, etc.) being absent. Dr. Rosenberg, of Berlin, recommended that the mucous membrane of the nose be brushed with a solution of cocaine before the commencement of the narcosis. Dr. Rehn, of Frankfort, gave a warning against the use of chloroform near a gas-light, as ethylenechloride is formed.-Lancet.

DEATHS FROM CYCLING.-In a recent session of the Paris Academy of Medicine, Petit reported three deaths occurring suddenly during the use of the bicycle. The first case was that of a man sixty-five years of age, who had begun to ride four weeks previously. He died in the arms of his teacher as he was about to get off his wheel. The second case was that of a physician, aged forty-eight years, who for the sake of reducing a corpulence which had come on after typhoid fever, took to cycling. Without previously having complained of heart symptoms, he was one day, while on his wheel, suddenly taken with dyspnœa and a severe pain in the heart region. He stopped, sat down on a bench, and died in a few moments. The third case was that of an athlete, aged forty years, who died suddenly on the street while cycling.-Deutsche Med. Woch.

Dr. Graham a Candidate.-Dr. J. E. Graham, at the request of a large number of the graduates in medicine of the Universities of Toronto and Victoria, has consented to become a candidate in the coming election for the University Senate. ONTARIO MEDICAL JOURNAL

| W. Beattie Nesbitit, B.A., M.D., F.C.S., Lon.$\begin{array}{ll}\text { M.D. } \\ \text { J. J. Cassidy, M.D. }\end{array}$ |  |  |
| :---: | :---: | :---: |
|  |  |  |
| No. r.-Dr. J. H. Duncan, Chatham If 2,-Dr. M. F. Lucas, Ingersoll | No. 4,-Dr. J. Campbell, Seaforth " 5.-Dr. Geo. Acheson, Galt 6.-Dr. GilLies, Teeswater | No. 9.-Dr. A. R. Harvie, Orillia ${ }_{11}$ 17.-Dr. C. J. Chipman, Ottawa Dr. J. A. Creasor, West Toronto |
| (1 3.-Dr. W. J. Weekes, London | " 6.-Dr. Gulies, Teeswater |  |

Address all business communications to the Publishers, The Medical Publishing Co., of Toronto, Rooms 97, 98, 99 Confederation Life Building, Toronto, Canada.

VoL. V.
TORONTO, AUGUST, 1895.
No. 2.

## "VERBUM SAP."

Envy is the inevitable accompaniment of greatness, and it would seem that such purely philanthropic fields as thuse of medical journalism were not exempt from the invasions of the green-eyed monster. We have never troubled ourselves with some of our comtemporaries, because they were merely comtemporaries, not competitors, as ours was and is an independent journal, and it is not to be supposed that we would be exactly in harmony with the ideas of a School organ. Our Journal is the official medium of the Medical Council, whose object it is to raise the standard and prevent over-crowding in the profession, and therefore may not harmonize with a journal whose promoters, being School men, depend for their livelihood on entirely opposite conditions.

That our progress and prosperity - should arouse jealousy is not to be wondered at. We believe we have the newsiest, brightest and most progressive of all the journals, while we had not the advantage of the age and concomitant fossilization of our contemporaries we felt, nevertheless, that we were walking away from them, so to speak, and as one of these was especially spiteful, it was pleasing to our ear, and music to our soul, to hear "the galled jade wince," as evidenced by an editorial which we noticed in the Canadian Practitioner just as we were going to press-an editorial, so purely personal and full of malice, that we do not propose to ignore it, so we may be pardoned for devoting a little of our time to the Canadian Practitioner and its ramifications. As it suggests that the present end of the Dominion Medical Monthly and Ontario Medical Journal is the
waste paper basket, this editorial, " not being much read by the profession," cannot hurt our friends' feelings to any great extent, while it relieves ours.

When an editor, who had already retired from many journals, commenced a new one, we were pleased to note he carefully refrained from attacking our Journal, but there appeared to be a friend on the Practitioner, ready to act as catspaw and chestnut puller in general, and in consequence an editorial appeared in that journal in February, to which we paid no attention, as we had no particular objection to these gentlemen working off their spleen-it did not hurt us, and relieved them, we hope. We have no doubt that these gentlemen would be very pleased to have a post-mortem and inquest on the Dominion MediCal Monthly ; but, as we propose neither to die nor be killed, they will have some difficulty in exchanging work in this connection.

We admit that we have considerable advertising patronage, much more, indeed, than the Practitioner; but just why our combination with the ONtario Medical Journal should make us an advertising sheet, and that because the Practitioner tried to make a combination with the Ontario Medical Journal and failed, it should be so superior, we leave it to the astute editor of that journal to explain. That the Practitioner would like to do something or almost anything is not surprising, because when that journal was in the hands of the assignee we looked into its condition and found that it supposed it had 600 or 700 bona fide
subscribers, and the most valuable asset appeared to be some three or four thousand dollars of unpaid subscriptions, so it would seem to be a subscription journal in name only. At that time we put in a tender of $\$ 250.00$, this being a liberal offer for the whole concern; the publisher, however, succeeded in arranging with his creditors and carried on the publication.

There may also be some difference in the conduct of the two journals as regards advertisements. We admit that we do not run the elaborate departments, with brilliant specialists at the head of each, of the Practitioner, and that our advertising patronage is greatly in excess of theirs ; in fact, all our advertising is confined to our advertisers, while theirs appears to be confined to themselves.

Now, we do not see just what special field the Practivioner fills, but we doubt not that it has its advantages to its editors and their friends, for we find in the report of the Hyams' case, in their columns, that some interesting evidence was possibly over-looked, or may be that it was a typographical error, or it may be that there was no money in it for the defence; however, this did not appear. Then, again, we find its editorial columns, in the August issue, devoted to explaning the position of some of its editors in the James case. In conclusion, we may say that their general information on business matters of ours, as also the negotiations of their own proprietor, appears to be about as accurate as their French.-Verbum Sap.

## Book Notice.

Stories of a Country Doctor. By Willis P. King, M.D. Illustrated. New New York: Bailey \& Fairchild, 24 Park Place.
A quaintly-told story, a perfect word-picture of country life in the "wild and woolly West." The book is full of genuine humor, and the author leaves entirely to the surmise of the reader, the hardship and pathos of a life liyed so bravely amid such environments. The book will afford all who read it many a hearty laugh.

## Personal Items.

Dr. Mayberry is down amongst the Thousand Islands.

Dr. Britton, of Isabella Street, is spending his vacation in Brockville.

Dr. Herod, of Guelph, was lately visiting in Toronto, but has returned home.

Dr. Alexander, of the Turkish Baths. Montreal died suddenly on roth inst.

Dr. W. B. Thistle has returned, after spending a short holiday in Muskoka.

Dr. D. A. Rose has opened an office at the corner of Yonge and Bloor Streets.

Dr. Lafleur has been elected a member of the Association of American Physicians.

Dr. R. and Mrs. Campbell have returned to Guelph, after spending a short time in Toronto.

Dr. Dwyer, Medical Superintendent St. Michael's Hospital, has just recovered from a severe illness.

Dr. Burgess, who was taken suddenly ill while holidaying at Owen Sound, is expected home this week.

Dr. Birkett, of Montreal, has been appointed Professor of Laryngology in McGill University, in succession to Dr. Major.

Dr. L. F. Millar, of Brunswick Ave., left a few days ago on an extended trip through Europe. Mrs. Millar accompanies him.

Dr. Adami has been invited to deliver the Middleton Goldsmith Lecture for 1896 , before the New York Pathological Society.

Dr. Watson has removed from corner Kensington Avenue and St. Patrick Street to corner McCaul and St. Patrick Streets.

Dr. James Dingnam and wife, of Lynden, Indiana, have been the guests of Mrs. J. Adamson, Yonge Street, and have returned home.

Dr. F. W. Campbell, Dean of the Medical Faculty of Bishop's College, has had the degree of LL.D. conferred on him by that University.

Dr. John Ferguson, of College Street, Toronto, intends to run as Arts candidate at the approaching Senate elections of Toronto University.

The place of the late Prof. Billroth on the editorial board of the Archives F. Klin. Chirurgie has been filled by the appointment of Prof. Gussenbauer.

Dr. F. F. Wesbrook M.D., Winnipeg, has been appointed Demonstrator of Bacteriology at Cambridge University, and is conducting the graduate course in bacteriology there.

Dr. J. L. Russell, of Seaforth, spent a week lately in Toronto. The doctor was here in a professional capacity.

Dr. Boisy, of Havre, is probably the oldest physician in active practice. He has reached the wonderful age of 103 years, and still attends to his daily rounds.

Dr. Wyatt Johnston has been appointed Lecturer in Medico-Legal Pathology in McGill University, and Pathologist to the Montreal General Hospital.
Dr. J. Alex. Hutchison, of Montrea!, has been appointed Surgeon to the Montreal General Hospital ; Dr. C. F. Martin, Assistant Physician to the Royal Victoria Hospital, and Dr. C. W. Wilson, Assistant Surgeon to the Montreal General Hospital.

Dr. Playter, of Ottawa, intends starting shortly a home for consumptive patients in the Chelsea Mountains, about ten miles from Ottawa, where they will have the advantage of being under the constant supervision of the Doctor, and enjoy the invigorating air of that elevated locality.

The American Public Health Association, which met in Montreal last year, will meet in Denver, Col., on October Ist to 4 th. This is the twenty-third annual meeting, and is expected to be a very enthusiastic one. All who can should avail themselves of this opportunity to visit Colorado.

We regret to record the sudden death of Dr. John McConnell, of Dundas Street, Toronto. The doctor was in London, England, as a delegate to the Supreme Court of the I.O.F. at
the time of his decease. He was buried with full Forestric honors on the 24 th inst.

The Convention of Bacteriologists was held in New York on June 2 Ist and 22 nd. This was the first congress devoted to bacteriology alone held in any country. About fifty bacteriologists attended, coming from all parts of Canada and the United States. Among others who read papers were: Dr. Shuttleworth and Mr. J. J. Mackenzie, of Toronto, and Professor Adami and Dr. Wyatt Johnston, of Montreal.

We take pleasure in noting that among the recipients this year of the usual birthday honors is Dr. W. H. Hingston, of Montreal. Dr. Hingston is Surgeon-in-Chief of the Notre Dame Hospital, and Professor of Clinical Surgery in the University of Laval. He also filled for two years the important office of Chief Magistrate of Montreal. Two years ago the doctor was chosen to deliver the address in surgery before the British Medical Association.

## Births.

Weir-On August 9th, at 53 Charles Street, the wife of Dr. T. P. Weir of a daughter.

Jones-On the, Ist of August, 1895, at 126 Carlton Street, the wife of D. Ogden Jones, M.D., of a son.

## Deaths.

Jones-On the 8th August, 1895, at 126 Carlton Street, Maria Emily, beloved wife of D. Ogden Jones, M.D., only daughter of Edmund Harris, in her 29th year.


## HEALTH AND



## Alma, Michigan

An admirably equipped Institution for the reception of chronic and convalescent patients sent by their physicians for treatment. Systematic Hydro-therapeutics, Electricity, Massage, Gymnas ics, enjoyable surroundings, an ansurpassed cuisine, with constant observation and direction br physicians, and trained nurses are furnished.

Special discount to physicians and their families.

Consulting Plysicians and Surgeons DOCTORS GENERAL DISEASE

WM. E. QUINE - . Chlcago.
I. N. DANFOHTH : : Chicago.

FRANK BILLINGS : Chicago.
E. L. SHURLY

- Detroit.
G. H. FCERBRINGER: Saginaw
J. B. GRISWOLD - Grand Rapids. SURGERY

JOHN B, HAMILTON - - Chicago. D. W. GRAHAM - Chicago THEODORE A. MCGRAW - Detroit.
G. K. JOHNSON - - Grand Rapids GYNEOOLOGY

JAMES H. ETHERTDGE - Chicago
HENRY T. BYFORD : Obioago H. W. LONGYEAR . Detrolt. EUGENE BOISE . Grand Rapide. NERVOUS DISEASE
H. M, LYMAN : : Chicago.

D, R, BROWER - Ohicago
RICHARD DEWEY - . Chioago.
W. J. HERDMAN . - Ann Arbor.

EYE AND EAR
BOERNE BETTMAN • . Chioago.
NOSE AND THROAT
E. FLETCHER INGAL8 - Chicago.

PATHOLOQY
HENEAGE GIBBES - Ann Arbor. MEDIOAL SUPERINTENDENT

ELMORE S. PETTYJOHN, M.D. Formerly of Ohioage.
An illuatrated booklet mailed to ypu by permistion.

# ONE DOLLAR <br> IS THE PRICE <br> AT WHICH THE <br> Animal Extracts 

Prepared under the formula of
Dr. William A. Hammond
ARE NOW SOLD
COLUMBIA CHEMICAL CO.,
Washington, D.C


The

## Lyman Bros. \& Co.

Limited

Dr. E. C. Kirk, of Philadelphia, in an article contributed to the London Lancet on the Dental Manifestations of Gout, says : "Tartarlithine has given me results beyond all comparisons superior to any preparation of lithium. . . . It is markedly diuretic, and in some cases laxative in its action. The latter is especially the case when the drug is taken before breakfast. The promptness of its action is in many cases astonishing, a subsidence of distressing symptoms quickly following the administration of three doses of five grains each, taken four hours apart in a half pint of water on a reasonably empty stomach. The use of the preparation in the quantities named has sufficed in all cases so far treated, about twenty in number, to practically cure
the disorder, temporarily at least. The five grain Tartarlithine tablets are recommended. The taste is pleasantly acid and as refreshing as effervescent lemonadc. A five-grain tablet in a goblet full of water may be used as a beverage four times a day. This is recommended as a minimum dose, to be increased according to indications to two tablets four times a day. Copious draughts of water are favorably encouraged with hot baths and moderate daily exercise, avoiding for the time nitrogenous food as far as possible.

Painting verrucæ with the juice of the milkweed, with tincture of iodine or with a solution of the perchloride of iron, will sometimes cause them to disappear.

## CONSUMPTION,

A New Work on : New Views; by Edward Playter, M.D. (author of Playter's Physiology and Hygiene for Schools, pamphlets on tuberculous diseases, etc., etc.); latest and highest authorities quoted; over 300 large 12 mo pages, fine heavy paper, large clear type, cloth, $\$ 1.50$; now in printers' hands; to be issued in July. Methodist Book and Publishing House, Toronto: Wm. Briggs.

In this interesting book the body or soil factor, developed from a too limited respiratory function, is specially considered. The opinion of many high authorities and some original investigations are given which fairly show that this factor, and not the bacillus, is the immediate exciting cause of the disease. The bacillus is an essential but not the exciting cause.

General Principles of Treatment are given: increase of the respiratory function by special lung gymnastios outdoors, producing the natural effects resulting from high altitude life, but more sately ; special attention to the skin, thus relieving the lungs; and particular care in respect to nutrition, adapted to each individual case, being the chief indications, in most cases.
Von Ziemssen says, of consumptives: "The respira. tion is not deep enough and the lungs are not well expanded." "The patient should practice deep inspirations," as by "climbing any hill or mountain" or by "regular gymnastic exercises."

## CONSUMPTIVES,

A New Canadian Resort. A limited NUMBER of consumptives will be received by Doctor Edward Playter, at Sydenham Cottage, King's Plateau, Gatineau Mountains, near Ottawa.
King's Plateau is over one thousand feet above sea level ; the air is exceptionally free from impurities, cool and invigorating; the number of sunny days, according to the meteorological reports of the locality, is one-third greater than in Montreal and much greater than in Toronto; a wooded mountain ridge rises paternally behind it on the north-west; the outlook south-east is over thousands of miles of most beautiful country-the valleys of the Ottawa, Rideau, and Gatineau Rivers with their windings rapids and waterfalls, and our Capital Oity at the meeting of the tres fumena, seeming at the foot of the plateau, a Persian Пapádecoos.
Patients will receive constant medical attendance from Dr. Playter himself : special attention in treatment given to the body factor-the tubercular soil: as by constant "outing"; attention to the skin, thus relieving the respiratory function; and by special lung gymnastics, by which, as N. S. Davis (in his late work) remarks, "The chest can be gradually enlarged quite as much as by high altitude life"; and, at King's Plateau, with an atmos. phere containing a much greater bulk per cent. of oxygen, with less sudden changes of temperature, than in the highly rarefied atmosphere of Colorado. They will also receive special nutrients and any necessary medication,
Terms, including medical attendance and board, $\$ 700$ to $\$ 14,00$ per week : Particulars on application.
Physicians or their patients writing for further information kindly state coudition, requirements, stage of disease, etc. Address -

EDWARD PLAYTER, M.D., Ottawa, Ont.

## Quebeg Steamship Company Ltd.

Bermuda, West India, and St. Lawrence Steamship Lines

The A-1 Iron Steamship "Trinidad," 2,600 tons, will leave

## New York from pier 47 NORTH RIVER, FOR <br> Bermuda

Thursday, July 11th, and every alternate Thursday thereafter.
For St. Thomas, St. Croix, St. Kitts, Antigna, Guadaloupe, Dominiea, Martinique, St. Lucia, and Barbados, the A-1 iron steamships " Madiana," 3,100 tons; "Fontabelle," 2,700 tons; "Caribbee," 2,000 tons; sail from Pier 47 North River, every ten days. Connections by steamer with other West India Islands, Demerara and Venezuela.

The Iron Twin Screw steamship "Campana" leaves Montrcal on Mondays, July 8th, 22nd; August 5 th, 19th; September 2nd, 16th, and 30th, at 4 p.m.: and Quebec the day following, at 2 p.m., for Father Ioint, Gaspe, Perce, Summ rside, Uharlottetown, P. E. I., and Pictou, N. S., connecting with steamers and raflroads for all paris of the British Provinces and United States. At Plctou with railway for Halifax, thence by Red Cruss line of steamers for

## NEW YORK OR NEWFOUNDLAND

Tiekets for sale at all the principal ticket offices in the United States and Canada; Thomas Cook \& Sons' Offices: 261 Broadway, N.Y.; 102 South 8th St., Philadelphia; 332 Washington St., Boston ; Chicago, and Montreal.

A. E. OUTERBRIDGE, \& CO., AGENTS, 39 Broadway, New York<br>ARTHUR AHERN, SECRETARY, Queb:c, Canada

R. M. STOCKING, TICKET AGENT, 32 ST. LOUIS ST., QUEBEC

MULLIN and Muir

156 YONGE ST., Telephone 571

## Toronto

IMPORTERS OF FINE

## PAPER HANGINGS

and
DECORATIONS

Interior Work Our Specialty

## Fresco Painters,

> Paper Hangers, and Kalsominers

## British Dominion

## - WINE.

Manufaotured from the Best Canada Grapes without the use of either artificial coloring or distilied spirits In any form.

[^4]
## - TO BE HAD AT . -

McKar's Drug Store, 395 Yonge s reet; Howalru's Drug Store, $2+3$ Yonge street; East Esi Pharmacy, 413 Pariament Street; Grems's Drug store, cor. Prospect and Parliament Streets; Disikis' Drug Store, 171 Kink Street East; Boen's Drug Store, cor. College and Yonge Sticets; HuTry's Drug Store, 528
Yonge Street.

Aristol in Oral Surgery.In a comprehensive treatise on " Diseases and Surgery of the Mouth, Jaws, Teeth and Associated Parts," by Dr. James E. Garretson, which has just been issued from the press of the J. B. Lippincott Company, the author speaks as follows of Aristol: "This powder is to be highly recommended for its antiseptic and curative qualities. Advantage over iodoform lies with absence of odor. Aristol is an amorphous powder of red-brown color. It is insoluble in cold water and glycerine. It dissolves in chloroform, ether and benzine. Water heated to $140^{\circ} \mathrm{F}$. dissolves it. It is also reasonably soluble in alcohol. Aristol is not toxic, nor are there recorded any cases of ill results attendant on its use as a surgical dressing. Sifted over ulcers
or used dusted upon the seat of a surgical operation its use proves most satisfactory. A salve made by rubbing it up with vaseline is highly recommended ; of the prescriber, proportions may vary at pleasure." In the chapter on epithelioma, Dr. Garretson comments as follows on the use of Aristol : "The author has found much service in the free employment of chlorate of potassium in a finely pulverized form. This powder is furnished the patient, and he is directed to apply it freely. Where the chlorate of potassium fails, trial of Aristol is recommended by Dr. Brocq, who claims to have secured by its employment most satisfactory results; the application is entirely painless; its use is restricted to ulcers of superficial character."-Med. and Surg. Reporter.

## AS A FOOD


and Stimulant in Wasting Diseases and
in the Later Stages of Consumption

## WYETHO LIPUID ITLT EXTRMGT

## IS PARTICULARLY USEFUL

It has that liveliness and freshness of taste which continues it grateful to the feelings of the patient, so that it does not pall on the appetite, and is ever taken
with a sense of satisfaction.

## AS AN AID TO DIGESTION

Dr. C., of Ottawa, writes: "It is an excellent assistant to digestion and an important nutritive tonic."
Dr. D., of Chatham, writes: "It is a most valuable aid and stimulant to the digestive processes."
For Mothers Nursing, Physicians will find

## WYETH'S LIQUID MALT EXTRACT

## WILL GREATLY HELP THEM

The large amount of nutritious matter renders it the most desirable preparation for Nursing Women. In the usual dose of a wineglassful three or four times daily, it excites a copious Aow of milk, and supplies strength to meet the great drain upon the system experienced during lactation, nourishing the infant and sustaining the mother at the same time.

## Item of INterest to PhVsicians

OWING to reduced cost of the crude product, combined with improved process of manufacture, MESSRS. WYETH \& BRO. are enabled to reduce very materially the prices of their elegant Elixirs, containing Pepsin.


## Pepsin

A pleasant and elegant form for using Pepsin, especially for children and delicate females suffering from mal-nutrition.

## Pepsin and Bismuth

Is invaluable in cases of dyspepsia, gastralgia, and general debility of system, when strychnia is contra-indicated.

## Pepsin, Bismuth and Calisaya Bark

An agreeable remedy in cases of dyspepsia, gastralgia, etc., combining tonic, sedative and digestive properties.

## Pepsin, Bismuth and Iron

Valuable in cases of chlorosis and anæmia, due to a want of action of the assimilative functions.

## Pepsin, Bismuth and Strychnia

Is employed with very great success in dyspepsia, gastralgia, general debility of the system, and in all the numerous disorders dependent upon want of tone and vigor of the stomach and digestive organs.

## Pepsin, Bismuth, Strychnia and Iron

The addition of Iron to the above Elixir adds its tonic effect to the valuable properties of the other constituents.

## Pepsin, Iron and Strychnia

A valuable remedy in cases of dyspepsia and in general debility of the nervous system.
Pepsin, Pancreatin and Bismuth
Given in all cases of weak and enfeebled digestion, dependent upon gastralgic diseases.

Kindly write for quotations. We will be glad to supply a sample of any of the above for trial.

## DAVIS \& LAWRENCE CO. (Ltd.), General Agents, MONTREAL.

## SYR. HYPOPHOS. CO. FELLOWS

## CONTAINS

The Essential Elements of the animal organization-Potash and Lime ;
The Oxidizing Elements-Iron and Manganese ;
The Tonics-Quinine and Strychnine ;
And the Vitalising Constituent-Phosphorus; the whole combined in the form of a Syrup, with a shight alkaline reaction.
It differs in its effects from all Analogons Preparations: and it possesses the important properties of being pleasant to the taste, easily borne by the stomach, and harmless under prolonged use.
It has gained a Wide Reputation, particularly in the treatment of Pulmonary Tuber: culosis, Chronic Bronchitis, and other affections of the respiratory organs. It has also been employed with much success in various nervous and debilitating diseases.
Its Curative Power is largely attributable to its stimulant, tonic, and nutritive properties, by means of which the energy of the system is recruited.
Its action is prompt : it stimulates the appetite and the digestion, it promotes a lation and it enters directly into the circulation with the food products.
The prescribed dose produces a feeling of buoyancy, and removes depression and melancholy; hence the preparation is of great value in the treatment of mental and nervous affections. From the fact, also, that it exerts a double tonic influence, and induces a healthy flow of the secretions, its use is indicated in a wide range of diseases.

When prescribing the Syrup, please write "Syr. Hypophos. FELLOWS." As a further precantion, it is advisable to order in original bottles.

There are at present on the market mineral waters galore, each one being said to be the best for medicinal purpurposes. One of the well tried waters is that of St. Leon Springs. By our readers referring to the advertisement in this connection, which appears in this issue, they will see that the analysis of St . Leon water by John Baker Edwards, the wellknown ex-Professor of Chemistry, shows a very large percentage of chloride of sodium, chloride of potassium and lithium, etc., and a very small percentage of sulphate of lime. In all cases of a rheumatic origin, or where the natural emunctories of the body do not act as they should, St. Leon water ought to be a most valuable adjunct to the usual medicinal treatment for such ailments.

## HELLO! HELLO!!



WHAT IS THIS?
STOP RIGHT HERE!
and be persuaded that by calling at

# TheToronto Cijel Bo.'s Warerooms 575 YONCE ST., TORONTO 

you can secure a better wheel at a more reasonable price than anywhere else-only the best material used. Remember the address

## 575 YONGE STREET

## NUTROLACTIS

## The Calactagogue

WHEN the milk of a nursing mother is scanty, although the breasts be almost dry, this remedy will, in a few days, so increase the quantity and improve the quality that there will be enough to fully nourish any infant.

NUTROLACTIS acts chiefly by improving the mother's nutrition. It does not force mothers to yield good milk copiously; it enables them to do so.

Manufac.ured by

## THE NUTROLACTIS COMPANY

## Lake Simcoe Ice Supply Co., Limited.

## HEAD OFFICE : 43 Esplanade Street East

(Foot of Scott Street)

## LAKE SIMKCOE ICE.

PHYSICIANS :! Recommend our ice to your patients. They cannot do without it. It is an absolute necessity in order to keep invalids' and infants food pure and palatable during the hot weather. The surface of all our ice is planed and absolutely free from impurities.

## PULSOMETER

A name, merely-
Which might be applied to a class of fine watches especially suited to the nice tastes and requirements of physicians.

## THE WT V COY J. E.

WATCHMAKERS, JEWELERS, SILVERSMITHS Importers of Diamonds. TORONTO-S KING ST. EAST. Send for our new Illustrated Catalogue.


The undersigned begs to draw the attention of the Medical Profession throughout Canada, to the

## CELEBRATED WILKINSON TRUSS

the only Truss that works upon the proper primsiple. By the use of this truss, in numerous cases, radical cures have been effected. Among those are two persons, aged 70 and 74 , one with hernia of over 20 years' standing. Both are cured and are not now wearing truss or support of any kind.

## Your Patronage Invited

B. LINDMAN, Prop.,<br>\(\underset{\substack{Rosin BLOCK<br>Telephone<br>1635}}{Toronto, Ont.}\)

NIMMO \& HARRISON . . . .
Business and

## Shorthand College

COR. YONG \& COLLEGE PTS., TORONTO, GAN.
Highest results in the Dominion at recent Government Examinations
Bookkeeping, Shorthand. Telegraphy, Penmanship, Civil Service subjects and Mathematics. Day and evening classes entire year. Send for Catalogues, free.

NIMMO \& HABRISON, Principals

## R. J. HOVENDEN

Wholesale and Retail

## Artists' Materials.

ENCRAVINCS, ETCHINGS, STUDIES, ETC.
Importer and Dealer in polished plato and English sheet glass, coach colors, varnishes, brushes, etc.
91 and 93 KING St. WEST, TOronto.
FOR....

> Engravings

FOR ALL KINDS OF ILLUSTRATING CALL OR WRITE TO THE

## Canadian PhotoEngraving Burial

## If ADELAIDE ST. WEST, TORONTO.

Moore \& Alexander,
TELEPHONE, 2158.
Props.

Antikamnia-Quinine-Salol. -The well-known therapeutical properties of these drugs make this combination desirable in such intestinal affections as Fermentative Dyspepsia, Diarrhœea, Dysentery, Duodenal Catarrh, Cholera Infantum, and Typhoid Fever. The Antikamnia controls the pain as effectually as morphine, and yut is never followed with any of those undesirable effects so characteristic of opium and its derivatives. Freedom from pain saves an immense amount of wear and tear to the system and places it in a much better position for recovery. The Salol acts as an antiseptic and removes from the intestinal canal the first or continuing cause of the affections just mentioned. The Quinine acts as a tonic, increasing the appetite, and
thus contributing much to a speedy recovery. Hare says that Quinine is not only a simple bitter, "but also seems to have a direct effect in increasing the number of the red blood corpuscles." A tablet composed of Antikamnia two grains. Quinine Sulph. two grains, and Salol one grain, allows of the easy administration of these drugs in proper protionate doses.

Antiseptic Mouth Wash.-E. Maurel (La Med. Mod., Gaillara's) presents the following formula :

Alcohol
Tincture of eucalyptus 5 v
Tincture of cinnamon. 3 ijss
Tincture of rosemary. $3 \mathrm{j}^{1 / 4}$
M.-Sig.: A teaspoonful to a glass of warm water.


MORPHINE, and other DRUG HABITS and NERVOUS DISEASES.

## LAKEHURST SANITARIUM

-OAKVILLE, ONT.-

For the trbatment of
. . INEBRIETY

PYSICIANS generally now concede that these diseases cannot be trated with entire success except
under te conditions afforded by valuable auxiliary to the practice of every first-class Sanifarium. Such an institution should be a of these complaints, who are seeking not relief merely, but entire restoration to health. The treatment at Lakehurst Sanitarium rarely fails to produce the most gratifying results, The treatment invigorating, thorough, productive of no after ill-effects, and pleasant to the patients, being scientific, required to effect a complete cure is four to six weeks.

## LAKEHURST PARK

is a well-wooded expanse of several acres extent, overlooking Lake Ontario, affording the utmost privacy if desired, and the surroundings are of the most pic uresque description. The San tarium is fully equipped with every necessary appliance for the care, comfort, convenience and recreation of patients. Terms upon
application to

# "My dear sir, you do not know what a bicycle is unless you have ridden a Model 40 Columbia!" 



We are just beginning to be able to meet the demand for these superb bicycles. Now is your chance.

Pope Manufacturing Co.

Some time ago I prescribed your Maltopepsine in an old chronic case of Atonic Dyspepsia of years' standing. I tried the usual remedies, including the various preparations of pepsin, but without avail, and the patient was so far discouraged that I had some difficulty in getting him to try anything further. I finally persuaded him to give your Maltopepsine a fair trial and report to me at the end of a month. I did not see anything of him for two months, but when I did, he said: "Well, you have conquered at last." In answer to my
inquiries he said he had a splendid appetite, perfect digestion, no more misery in his stomach and bowels, food does not sour, and his weight and health is better than it has been for years. I shall most assuredly continue its use in my practice and recommend it to my brother physi-cians.-Dr. J.Roberts, Pound P.O., Va.

## Fissure of Nipples.-

$$
\begin{aligned}
& \text { B. } \\
& \text { Aristol ............. } \\
& \text { Liquid vaseline..... } \\
& \boldsymbol{z} \text { i. }
\end{aligned}
$$

Sig. : Apply after each nursing.Archives of Gynacology.

## ROTHERHAM HOUSE.

Dr. Holford Walker's Private Hospital.



[^5]The institution comprises, three buildings, thus securing perfect quiet when desired.
The Hospital is situated in the into a large promen de deck, securing a cool hreeze at all times in summer.
ELECTRICITY in its various forms is resorted to in all suitable cases.
Trained Nurses for General Nursing, or Masseuses for Mable cases.
Also a Masseur for the administration of Massage to for Massage, can be obtained on application,
ForTerms, or other information desired, add tese
HOLFORD WALKER, M.D., Isabella st, TORONTO.


## HAWKSLEYS'

EXHIBIT OF AIDS for the DEAF

Obtained a Gold Medal at the International Inventions Exhibition.
AIDS TO BE WORN ON THE EARS, Conversation Tubes of improyen destonand CONCEALED AIDS in the form of Fans, Walking Sticks, Parasols, etc. Any of which may be seen and tested (without charge) or enquiries replied to on application.
T. HAWKSLEY, 359 exford Street, LoND0I, EKGLAYD.

# A. S. HOPKINS 

(Successor to H. A. Knowles)

## Chemist \& Druggist

 463 YONGE STREET'Phone 3904
Night Bell

## TORONTO

N. B. - I beg to notify the city medical men that I have bought out the old-established firm of H. A. Know Les, and will make a specialty of the dispensing of physicians' prescriptions.

## Lr. SYDNEY FAIRBAIRN

## DENTAL SPECIALIST

Cor. College Street and Spadina Avenue
(Over Dominion Bank)
TORONTO

## J. H. NOVERRE

 PhotographerSTUDIO. . 101 KING ST. WEST, Toronto Entrance through
Wright's Frult Store
N. B,-I make a specialty of Amateur Photograph work-including Developing, Printing, Mounting, etc., and shall be glad to have medical men call and see me.

## ... SPECIAL ANNOUNGEMENT...

To Our Friends and Patruns:
We beg to announce that we have opined a high. class Photo Studio at the premises formerly o oup ed by Mr . E. Stanton, 9,11 and 13 King St. West, Toronto.
No expense has been spared in renovating and re modelling the establishment throughout for the comfort of our patrons, and as every appurtenance of the business of our patrons, and as every appurcenas and the very b-st is absolutely new; of the latest design, and the very b-st quality, we now have one of the best photograph cailer es in the city, if not in the Dominion. These facts, conbined with our wide experience, ena'les us to give the most artistic effect a camera can produce.
most artistic effect a corefore, that a trial order will result in your continued support, and we hope to have the in your continued support, and to our new quarters at an pleasure of a visit from you
early date. Yours faithtully,

## C. A. MUERRLE \& CO.

9, 11 and 13 King St. W., Toronto

## Plumbing

 HeatingHigh-Class Work Lighting

At Fair Prices

Gas, Flectric and Combination Fixtures and Brackets

FOR LIGHTING STORES, DWELLINGS, AND PUBLIC BUILDINGS. . . . . . .

Designs and Estimates furnished when required.

## Tin Keilih a Filzosmons Co. <br> LIMITED

111 King St. West, Toronto

For a genuinely good abdominal supporter physicians will do well to write to Mrs. Pickering, of Brantford. This lady has for years been making a specialty of the manufacture of abdominal supporters, having been a patient in years gone by of an eminent New York, Laparotomist. Mrs. Pickering uses nothing but the finest materials she can buy, and doctors can guarantee to their patients a perfect fit by simply sending their measurements, taken according to directions given in cut on another page of this issue.

Physician (to shivering patient)"If you'd followed my prescription you'd have been warm in less than no time." Patient-"I know it, for I threw the prescription into the fire." Ph. Era.

## Bellevue Hospital

## Medical College

## CITY OF NEW YORK

SWSSIONS OF 1895-96


#### Abstract

The Regular Session begins on Monday, September 23, 1895, and continues for twenty-six weeks. During this session, in addition to the regular didactic lectures, two or three hours are daily allotted to clinical instruction. Attendance upon three regular courses of lectures is required for graduation. The examinations of other accredited Medical Colleges in the elementary branches are accepted by this College. The Spring Session consists of daily recitations, clinical lectures and exercises and didactic lectures on special subjects. This session begins March 23, 1896, and continues until the middle of June. The Carnegie Laboratory is open during the collegiate year, for instruction in microscopical examinations of urine, practical demonstrations in medical and surgical pathology, and lessons in normal histology and in pathology, including


For the annual Circular, giving requirements for graduation and other information, address

Prof. AUStin flint, Secretary, Bellevue Hospital Medical College,
Foot of East 26th Street, New York City

## "H. . . . " <br> Hayden's Viburnum Compound.

## Specially Recommended in the . . . . .

AILMENTS OF WOMEN
AND IN
OBSTETRIC PRAGTICE

## PERFECTLY SAFE IN ALL CASES.

## TWENTY-SEVEN YEARS

Before the Medical Profession with a record never before accorded to any other special remedy in any country.

## PROMPT, SAFE AND RELIABLE

Seven thousand physicians in the United States and two hundred in the Dominion of Canada have given it their written endorsements. Dispensed by all apothecaries. Send for Canadian Handbook, FREE.

## AVOID ALL SUBSTITUTES

## THE NEW YORK PHARMACEUTICAL CO., BEDFORD SPRINGS, MASS.

## Alpha Rubber Co. (Ltd.)

 MONTREALManufacturers of . . . .

## Fine Rubber Goods

FOR PHYSICIANS AND SURGEONS

The ALPHA and

OMEGA SYRINGES

Are the only Bulb Enemas in the world that will produce

AN ABSOLUTELY CONTINUOUS FLOW with one Bulb.


## OUR COODS ARE FOR SALE by The drug trade generally

SPINAL DISEASE.
HIF-JOINT DISEASE,
DISEASES OF THE KNEE
$\quad$ FIND ANKLE.
KNOCK KNEES.
BOW LEGS.
Club FEET, Etc.

## ARTIFICIALI LIMBS AND APPLIANCES

## FOR ALL DEFORMITIES OF THE HUMAN BODY.

sPECIALTX-Trusses Constructed to Special Desire of Physician or Patient.

275 COLLEGE ST.,
Near spadina Avenue, TORONTO.
I beg to call the attention of i hysicians to the fact that I make a specialty of bicycle-repairing in all its branches.

Forum Pharmagy

## Telephone 2537

## JOHN MCKAY

## DRUGGIST

:95 Yonge, Cor. fierrard Street, . . TOROMTO
N.B.-I beg to draw the attention of City Physicians to my pharmacy, wi ere I shall be pleased to have a share of their dispensing trade.
V. FITRINI, $\frac{\text { Practical }}{\text { Hatter }}$ Next to GRAND OPERA HOUSE.
Professional Men's Hats Dressed and Re-modelled

Mematuria.-James W. Osborn, M.D., of Bealton, Ont., Canada, writing to the Editor of the Medical World, Philadelphia (July number, 1895) says: " Regarding my obstinate case of hematuria. I told you in a previous communication of my patient's restoration to a fair degree of health after a siege of anæmia, emaciation and prostration, but that the hrmorrhage, though more moderate, was still going on. I have now a still more favorable report for you. Having failed to obtain the tannate of soda recommended by Dr. Hutchins, San Francisco, from my druggist or in the city, I ordered a bottle of Sanmetto, thinking by the time she had given it a fair trial I would be able to get the tannate of soda else-
where. She had only taken the Sanmetto a week, in drachm doses three times a day, when the hematuria disappeared. This was about three weeks ago, and it has not returned unless within a day or two. This is certainly worthy of note, as the hæmorrhage, notwithstanding her great
[Continued on page 294
DR, LAPTHORN SMITH'S
Private Hospital for
Diseases of Women
250 BISHOP STREET, Montreal.

For terms, etc., address
Dr. Latthorn Smith, Montreal.


DIRECTORS.
J. W. LANGMUIR, FsQ., Fx-Inspector of Asylums, etc. for Ontario, President.
E. A. MEREDTTH, Eice-President., LL.D., Ex-Chairman of the Board of Inspectors of Asylums for Canada.

ROBERT JAFERAY, Esq., Vice-President of the Land Security Company, Toronto.
JAMES A. HEDLEY, Rsq., Editor Monetary Times, Toronto.

## MEDICAL SUPERINTENDENT.

DR. STEPHEN LETT, who has had 25 years' experience in this special line of practice.
For torms and other information, address
DR. SIEPHEI LETR, Ilomewood Retreat, GUELPR, OXT.

When in . . .

NEW YORK
stop at the

## WESTMINSTER ...HOTEL...

 IRVING PL. AND $16^{\text {TH }}$ ST. One Block East of Union SquareSituated in a quiet Residence Section, in the aristocratic neighborhood of Gramercy Park

Just Removed from the Centre of the Shopping and Amusement Districts

A HOTEL OF ESTABLISHED REPUTATION WITH A CUISINE OF NOTED EXCELLENCE

American Plan, at Rates from $\$ 3.50$ per day and upwards
E. N. ANABLE, Proprietor

## Provident Savings

## Lifife Assurance Sodietly

OF NEW YORK

CHARLES E. WILLARD, President

## TWENTIETH ANNUAL STATEMENT

For the year ending Dec. 3ist, 1894.
Income . . . . . . . . . . . \$2,249,398.12
Paid Policy-holders . . . . . . $1,427,818.32$
Assets . . . . . . . . . . . . 1,787,181.85
Liabilities, Actuaries' 4 per cent.
Valuation
960,930.53
Surplus, Actuaries' 4 per cent. - 826,251.32
Policies issued in 1894
$22,114,526.00$

Agents wanted in every city and town
in the Dominion of Canada. Apply
R. H. MATSON, GENERAL MAN/GER 37 Yonge street, TORONTO, ONT.

BUILT TO WEAR $\qquad$

# Frontenac Bicycles= $=$ 

THEY "CUT SOME IGE"

For a postal we can show you how and why

## Kingston Vehicle Co.

improvement, had never subsided entirely for more than a day, and that only once, in a period of about eight months. While we cannot be sure of the proper hoc from the post hoc, in a single instance, it certainly looks as if the Sanmetto has been of service to the vis medicatrix naturae. I have just received a letter from an old friend in the profession, who has used Sanmetto with decided benefit to a patient afflicted with hematuria.'

Mrs.Smith-"Yourboylooks badly. What ails him ?" Mrs. Jones-" Bad doctorin', I say, mum. Us poor people needs to pray with all our hearts : ' From all false doctrine, good Lord, deliver us.' I never didn't quite see the meanin' of it before."-Exchange.

External. Application of Guaiacol in Fever.-S. T. Bartoszewicz, of Professor Lomikovsky's clinic, in Kharkov (Yujno-Russkaia Meditzinskaia Gazeta) has used guaiacol externally in eleven febrile cases (four phthisis, two pleurisy, two typhoid, one pneumonia, one peliosis rheumatica, one intermittent), the number of experiments amounting to sixty-five. At first he rubbed the drug with soft flannel into this or that cutaneous area, about five square decimetres in extent. In spite of his using only gentle pressure, the application always gave rise to local dermatitis, with superficial ulcers and scurfing. This complication led him to abandon the frictions in favor of a novel method devised by himself. A piece of linen three square decimetres
[Continued on page 226

## TO PHYSICIANS

Much has been said during the past few years concerning the feeding of Infants.
Different preparations of Milk and Cream, with various additions, have been recommended. Condensed Milk, diluted Cow's Milk and Sterilized Milk have all, however, proven more or less unsatisfactory; because the Casein, the most nutritive constituent in Milk, formed large curd masses, which are digested with great difficulty, whereas "MOIHERS" INFANT FOOD is easily assimilated, and can be digested by the weakest Infant or Invalid, it being a purely vegetable food.

Unlike all other Infant Foods now on the market, "MOTHERS"" INFANT FOOD is made and delivered fresh daily, in glass bottles, from our own waggons.

By sending a Post Card to our address we will be pleased to deliver a half pint bottle for trial, free of charge.

We want every Physician in Toronto to give "MOTAERS'" INFANT FOOD a trial, and be convinced of its merits. Yours respectfully,

## "MOTHERS" INFANT FOOD CO.

February 1, '95
A. FIDDES
H. HOGARTH FIDDES \& HOCARTH
Plumbers, Gas, Steam and Hot Water Fitters
FINE SANITARY PLUMBING
GAS FIXTURES
50 Jarvis St., Near Zing,
TELEPHONE 1314 TORONTO
N.B.-We make a specialty of applying the Smoke Test
W. A. LYON \& CO. Photographic Goods

## OF EVERY DESCRIPTION

Cheapest
and Best

## HAND CAMERAS

. In the Dominion

## NEW WAREHOUSE:

130 Bay Street,
TORONTO

## DOCTOR

If you want

## GENTS' FURNISHINGS

and you will receive a discount of

10 per cent. OFF Your PURCHASE. Try One of Our 50C. Unlaundered Shirts.

## BONNER <br> CORNER YONGE AND QUEEN STS.

BRANCH-211 YONGE ST., Opp. Albert.


We make a Specialty of making
BATTERIEs for Physicians' use to order.
Repairing a Specialty. Telephone 2310 BATTERIES. RECHARGED

146 York Street, - TORONTO, ONT.

## DIAMOND HALL

## Watches

That Tell
2品
The Truth
Are engrossing our attention just now

There are plenty in the world that simply "fill the pocket" or "make a show," but of "perfect timekeepers " only too few. Of these, however, we are making a specialty.
We show them in all PRICES STYLES and MATERIALS.

NICKEL, GUN METAL, SILVER

## GOLD and DIAMOND INLAID

## Ryrie Bros.

. Jevellers and Silversmiths. .
Cor. Yonge Adelaide Sts.

THE . . . .

## "ROAD KING"

THIS WHEEL has become popular by the satisfaction it affords to its Riders. It has been worthily named, as it is suitable for Road use or Touring.

It's not expensive, considering the QUALITY; but if a GOOD CHEAP wheel is desired, see our "DUKE," which is fully guaranteed. No value equal.

Our name is on every Bicycle we sell; it is not there merely as a matter of form, but it acts as a GUARANTEE.

Come to a reliable house when in want of reliable goods; our prices will convince you.

Send for Catalogues:
No. 1. . - ATHLETIC GOODS
No. 2. - - GUNS, Etc.
No. 3. - BICYCLES.
No. 4. . FISHING TACKLE

## ${ }^{\text {THE }}$ H. P. DAVIES CO.

81 Yonge Street, Toronto
in size, soaked with twenty-five or thirty drops of pure guaiacol, was applied to the forehead, back of the neck, or upper part of the chest, then covered with wax-paper, fixed by a bandage, and left in situ for one or two hours. It was found that such compresses had exactly the same antipyretic effects as the inunction, while they caused no cutaneous irritation beyond a slight redness. The principal results of the clinical research may be summarized as follows : 1. Of sixty-five cases, only in five the results were $n i l$, and only in nine the temperature subsequently rose to the primary height. The maximum effects $\left(2.5^{\circ}\right.$, to $3^{\circ}$ C.) occurred in phthisis, the depression in a majority of cases varying between $1.2^{\circ}$ and $1.5^{\circ} \mathrm{C}$. 2. The drug does not give rise to
collapse, even in phthisical subjects with large cavities. In these patients, however, the application is almost invariably followed, in from two to four hours, by perspiration and rigors. 3. Compresses are the best mode of application. 4. Chemically pure crystalline guaiacol should be preferred to the ordinary fluid preparation, since it allows a better dosage and does not irritate the skin, even when rubbed in.-British Medical Journal.

Application for Condylomata. B. Acidi tannici. . . . . equal parts Hydrarg. subchlor. Amyli............" " Misce et fiat pulvis " "

Sig. : To be dusted on the affected parts.- The Practitioner.

## WALL PAPERS

RELIEF ORNAMENT
'The Truro...

## Condensed Coffee <br> "REINDEER" BRAND

COMBINES PURE COFFEES, CREAM AND SUGAR

ITH hot water a delicious cup can be prepared for use in a few seconds. No waste. Sample, containing enough for 20 to 25 cups, free to the address of any physician in Canada.

## Ready in a Moment

 CREAM AND SUGAR . . .\author{

## "Reindeer" Brand Condensed Milk is the best for Baby

}

## Room Mouldings

Stained Glass

Write for samples, stating rooms to be done and prices you wish to pay.
We submit sketches for Leaded Stained Glass and Interior Decoration.

## ELLIOTT \& SON

94 Bay Street

# TORONTO HORSE EXCHANGE 

J. D. GRAHAM \& CO.

Dealers in High Class Horses of all Kinds nothing but the best kept in stock

Carriage Horses, Matched Pairs,
High Stepping Cobs and Saddle Horses
a Specialty ...

23, 25 and 27 Sheppard Street toronto
N.B.-I make a Specialty of boarding doctors' horses, and will guarantee absolute satisfaction

## Sea Side

Right down on the
Ocean's edge

Real soid comfort in the midst of winter. The wonderful air of Atlantic City will do great things when helped by the cosy comfort of a good hotel THE CHALFONTE

## Comfort

Is an old favorite with people who lote comfort

A Beautiful Booklet, sent free, will tell all about it. Address
The Chalfonte, atlantic city, n.o.
An Up-to-Date

## PHARMACY, 203 DUNDAS STREET

Only qualified men do our dispensing. As to purity of stock, integrity, etc., our record of eighteen
GEO. A. McCANN

## The Salvation Army



Printing House...
has facilities to do your

Designs of any kind furnished, and Cuts 'PHONE 1444. produced by latest methods. NOTE ADDRESS I2 AIBERT ST.

## ROBERT ELDER

## Carriage Builder

Cor. Soho and
Phoebe Streets,
'PHONE 1776 TORONTO
N.B.-I make a specialty of giving close quotations for painting and repairing Physiolans carrtages.

## J. W. JOHNSON

Practical Watchmaker 272 Yonge stroct. roboxio
 $\underset{\substack{\text { gnatamanar } \\ \text { wRDDING }}}{\text { Rings. . . }}$

Fine Gold Jewellery properly repaired and refinished like new.
Dlamonds and other precious stones re-set in lateat styles.
Fine Timerieces of every dearription carefully repaired, regulated, and any troublesome defects rectified by an expert.
(Extivantes riven on all work free.)

## ROBERT PLATTS

Merchant Tailor

A choice selection of ENGLISH, IRISH and SCOTCH TWEEDS in stock. All orders executed in first-class style.

## 201 Yonge st. - TORONTO

TELEPHONE 2565.

Albuminuria of Pregnancy as a Cause of Death of the Fetus. - In twelve cases of the albuminuria of pregnancy recently observed by the author all the children were born in bad condition, only five of them surviving. In six the death was directly traceable to the toxæmia. In four cases multiple hæmorrhages had occurred into the placenta. These patients came to him, however, in advanced stages of uræmic intoxication. Speaking of the frequency with which these hæmorrhages are
observed in albuminuria, the author mentions an instance in which the weight of the clots equalled that of the placenta itself. He emphasizes the importance of early treatment, and especially the use of the milk diet in the interests of the child as well as the mother. In 250 cases recently studied by Bridier there was a foetal mortality of 20 per cent., notwithstanding some treatment. The much larger mortality in Oui's cases, in which the milk diet had not been employed, is significant. The induc-

## MR. and MRS. W. REYNOLDS FORBES

LATE OF CHICAGO, ILL.
Desire to announce to the medical profession that they have removed to Toronto and are making a specialty of Scientific Mussage and Kinewapathy. Mr. Forbes has been Special Masseur to the Presbyterian Hospital, Chicago, and Lecturer on Massage at Garfield Park Training School for Nurses, Chicago. All cases entrusted to our care will be treated entirely under the direction of the attending physician.
Telephone 4242
Residence, 20 ROSS STREET, TORONTO
FOR

## Pure Milk <br> DANFORTH DAIRY <br> (J. V. MOORE, Prop.) <br> 268 Parliament Street <br> . . .Toronto

N.B.-As I deal only in Fresh Country Milk, I am particularly anxious to have the endorsement of the city medical men.

## IEW YORR H HIR WORKS 73 King Street West

 TorontoThe only House in the City with a complete line of Fine Hair Goods imported direct. The only perfectly appointed Hair-dressing Parlors in the City where

## G. HUMPHREY CARRIAGE BUILDER

184 SPADINA AVE. Toronto

A Full Line of CARRIAGES and SLEIGHS Always on Hand

REPAIRS A SPECIALTY
Bacteriological Laboratory

DR. J. O. ORR,
337 Jarvis Street, TORONTO
Begs to announce to the Profession that he has started a Laboratory for the

## BACTERIOLOCICAL EXAMINATION OF SPUTUM

## Photos

## Reproduced

ON COPPER OR ZINC


Toronto Engraving Co., cor. bay and king sts., Toronto

## Alive Bollard

199 YONGE ST., TORONTO The Noted Cheap Tobacconist WHOLESALE $A \backslash D$ RETAIL

```
- 'PHONE I216
```

N.B. -1 sell only the best goods at lowest spot cash prices, and will be pleased to have frequent calls from city physicians.

TRY ALIVE HOLLARD'S SMOKING MIXTURE. Positively Cool


17 Louisa Street, . . . TORONTO
BENNETT \& WRIGHT

## OONTRAOTORS YOE

Steam and Hot-Water Heating. SANITARY PLUMBERS.

8moke Testing specialty. Gas and Blectric Firtures.

## 72 QUEEN ST. E., - TORONTO

BROADWAY CREAMERY
butter, Cream, milk, buttermilk, eggs, H NEY, MAPLE SYRUP, ETC.

City physicians will please note that their patients can always depend on the very best in the above lines. We make a specialty of strietly new laid eggs for invalids.
M. MOYER \& SON

406 and 408 SPADINA AVR.
TELEPHONE 2097
tion of premature labor, the author thinks, is indicated onlyafter the milk treatment has failed to relieve the symptoms. In the discussion, Chaleix laid stress on the importance of diuresis for the elimination of the toxines. In his hands the hypodermic injection of the physiological salt solution in large quantities had, in conjunction with the use of milk given through a stomach tube when the
patient was unable to swallow, proved of marked service in desperate cases. The quantity of urine was increased, and both the maternal and the foetal condition improved.

Prof. Wilson says diarrhœea is not an uncommon complication and sequel of relapsing fever, and in some epidemics it has been the cause of a large proportion of deaths.

View front of

## CRITERION

## LANTERN

(removable) for substitution of Microscope, Polariscope, Vertical and other scientificattachments, on Optical Bench, with Adjustable Supports for Prisms, Mirrors, etc.


No other form of Projection Lantern is so thoroughly useful.

Co'leges, Schools, Churches, Lecturers and private users testify to their great superiority.

Our . . .
SELF-FOCUSING ARC ELECTRIC LAIIP
has created a revolution in Projection work.


Our Catalogue tells the rest | Our Catalogue tells the rest |
| :--- |
| . Send for it . . | 129 bay street, Toronto

Bankers: Imperial Bank of Canada
Incorporated under the Laws of Ontaric

## THE GUARANTEE

 Coileciing a\{d Protective Comp’y OF ONTARIO (LTD.)CAPITAL STOCK, $\$ 25,000$

## Hex Orrcos:

## 54 Canada Life Building

 4 g kina street west, - - toronto, ont.
## FRED SOLE <br> OAKVILLE DAIRY

## 473 YONGE STREET

(Cor. Wood Street)

I beg to direct the attention of City Physicians to the fact that I supply only Pure Milk and will be pleased to have families referred to me.

## Established 1876. <br> F. W. Micklethwaite

 - Photographer \&. W. Cor. Yonge and Temperance Sts. TORONTOStamp Photos, 81.00 for 100.

## SPECIALTIES:

Landscape and Architectural Photographs Crayon Portraits, Enlargements
Daveloping and Printing Amateur Work for Physicians

## Telephone 2069 Telephone 2069 <br> T. L. HICKS <br> 139 Church St., Toronto <br> Is the oldest and most reliable establishment for <br> Electric Bells <br> Pneumatic Bells Old=Style Wire Bells speaking tubes for nicht calls



Why not ride the best, Doctorst
It is a sure prescription
Headquarters
6 \& 3 ADELAIDE ST. W.
Toronto

## ASK ANY OWNER

 of A Premo

What he thinks of it. He will tell you it is head and shoulders over any Hand Camera he ever saw or used.
Photographers are proud of their Premos.
The beginmer has not a thousand things to bewilder him in learning if he has a Premo. Compact, complete and practical.

Illustrated Catalogue Free.

## ROCHESTER OPTICAL CO.

Rochester, N.Y.

Practical Electricity in Medicine and Surgery. By G. A. Liebig, jun., Ph.D., Assistant in Electricity, John Hopkins University; Lecturer in Medical Electricity, College of Physicians and Surgeons, Baltimore; Member of the American Institute of Electrical Engineers ; and Geo. H. Robe, M.D., Professor of Obstetrics and Hygiene, College of Physicians and Surgeons, Baltimore; Visiting Physician to Bayview and City Hospitals; Director of the Maryland Maternité; Associate Editor, "Annual of the Universal Medical Sciences." Profusely illustrated. Philadelphia and London: F. A. Davis, Publisher. 1890.
As nowadays a battery has come to form part and parcel of a physician's armamentarium, it is absolutely necessary that a good, reliable work on the subject of electricity should be found [Continued on page 23/4

A SySTEM OF SURGERY EDITED By

FREDERIC S. DENNIS, M.D.,
Professor of the Principles and Proctice of Surgery in the Belleve Hospital Medical College; Swrgeon to the Bellewue and the St. Vincent Hospitals,

New York, ete.

To be completed in Four Imperial Octavo Volumes, each with Index, containing about 900 pages, and profusely illustrated with Figures in Colors and in Black. Vol. I. now ready. The succeeding volumes will follow at short intervals.

LEA BR0S. \& c0., Publishers PHILADELPHIA.

McAINSH \& KILGOUR, General Managers for Canada,
Confederation
Life Building TORONTO.

## WOOD MANTELS

LATEST DESIGNS

Grates, Open Fire Places
Gas Grates, Gas Logs, etc.
Tile Facings and Hearths

Goods shipped to any part of the country with full Instructions for setting up

Write us for designs and prices, or call at our Factory and Ehow-Rooms in Toronto . . .

## the Diehl Manufacturing Co. of Toronto, lto.

. . Factory
and Show-Rooms:

785 KING ST. WEST
...Toronto, Ont.


88 Bay Street,
Drawings and Prices on application .

Toronto
Gas Fixtures for Prirate Dwellings a Specialty.

## FRED IVEY

170 Bay Street
TORONTO
Maker of Fine HAND-MADE

## BOOTS AND SHOES

announces to the Medical Profession that he is now making a specialty of manufacturing his patented
EXTENSION FOR SHORT LIMBS consisting of an Invisible Cork Shoe, made so that the patient can be fitted in the regular way for shoes, rubbers, etc., and yet so that both limbs will be of the same length, and rendering the deformity next to invisible.
He invites Physicians to call and see it for themsrlves.

## THE

## Stereotype Plate Company OF ONTARIO (LTt)

The Best Ready-Set Plates for Newspapers Stereotyping in all its Branches Estimates given on Cuts by all Processes

110 Adelaide St. W, Toronto W. J. WATSON,


Willow and Rattan Workm
Inspection invited at 666 YONCE ST., TORONTO

## Roberts' Abt Gallery

Special Napoleonic
... Subjects Exhibition

Water Color Fac-simlles from Celebrated Pictures. Very Artistically Framed.
FOR THIS
MONTH
SEE OUR MINIATURES IN FAC-SIMILE
79 King Street West, TORONTO
Photo=Amateurs
WE
DEVELOP and PRINT
CAREFULLY and PROMPTLY
Photo ioui \&rip Ptg. \& Pub. ©). 28 \& 30 Lombard St., Toronto

TORONTO Staned Glass Works

FAIRCLOTH \& CO., Proprietors. manufacturers op
STAINED GLASS
SAND CUT, WHEEL CUT AND BEVEL PLATE. 10 SHUTER STREET,
Phone 922
TORONTO
N.B. - We make a specialty of all kinds
of Signs for physicians' use.
on his library shelves. In this work, the authors have discussed in a most lucid manner, first of all, the subjects of electricity, magnetism, batteries, etc. In Part II. they take up electrophysiology, electro-diagnosis, and a short chapter on electro-medical apparatus. After that, as if sinking deeper into their subject, they discuss in a most able and teachable manner the general therapeutic effects of electricity and the different methods of application, finishing up with the subject of special electro therapeutics. We confidently recommend this work to every physician, as it will certainly be a great guide to him in the treatment of cases by the electrical current.

The New Baby.-Nurse-"Is it a

Cherman or an Enklish baby?" Lady -" Well, I don't know. You see she was born in England, but my husband is German." Nurse-" Ach, so. Zen ve ville vait to see vat lenkvetch she ville schbeak, and zen ve ville know."


## CECIL ELLIOTT

Canada's coming Champion, a youth hardly eighteen years old, who won his first race on May 24th, 95, won the Two-Mile Provincial Championship on a

## GENDRON RACER AND BUCKEYE TIRES

On July 12, at the Exhibition Track, the Two-Mile Handicap was won by CECIL ELLIOTT ON A GENDRON RACER
A. H. REID A CLOSE SECOND ON A GENDRON RACER There were about twenty-five contestants in this race, but, of course, could not win-they did not ride a GENDRON RACER AND BUCKEYE TIRES
July 13th-Kingston Road ten mile record lowered by 34 seconds on a GENDRON RACER BY R. E. MCCALL
July 1st, at Brampton, the
GENDRON RACER CROSSED THE TAPE FIRST SIX TIMES
July 13th, Island Track, one mile 2.40 class was won by

## J. H. GRATZ ON HIS GENDRON RACER

## R. E. McCALL ON HIS GENDRON RACER A CLOSE SECOND

The same night the Gendron Wheel, ridden by R. E. McCall and J. H. Gratz, crossed the tape : First, Three Times. scond, Three Times. Third, Twice.
The Gendron Wheels and Buckeye Tires are winning 75 per cent. of all the principal events. Every intending racer should get one. All our racing wheels are alum num finished. Remember us before securing agency for Season 1896. New styles will soon be ready.

## The Factory

Is the proper place to
take your Watch and
Jewelry repairing . . .

YOU SAVE ALL MIDDLE PROFITS.

## TROWERN \& CO.

Jewelry Manufacturers<br>and Repairers . . . . . .

## 26 QUEEN STREET WEST

Under the Auditorium


W E make smoke-testing of Plumbing work a specialty, the machine used by us for this purpose being the best and most effeotive machine in use. Satisfaction guaranteed in both Plumbing and Hot-Water Heating. Only the best mechanics employed, and our work can always be relied upon. Estimates furnished cheerfully. Telephone, or drop us a card, and we will be glad to call on you.

## The Mason \& Risch Pianos

PREFERRED BY
THE MEDICAL PROFESSION

$\theta$NE of the most gratifying features in connection with our business is the extensive patronage which our pianos receive from leading physicians, lawyers, educationalists, etc., etc.
To an intending purchaser the most satisfactory testimony is that of another educated customer who has purchased and used our piano for some years. Should you wish positive proof that the Mason \& Risch piano is the instrument you should purchase, we will send you a pamphlet containing the names of a few of the judges, members of Parliament, doctors and clergymen who have purchased this make of instrument, and to whom we would be happy to refer you for reference.

## THE MASON \& RISCH PIANO CO., LTD.

Any one requiring anything in the jewelry line, watches, precious stone, etc., would do well to consult Trowern \& Co., 26 Queen St. West, Toronto. This firm sells goods at very small profit, and nothing but the very best. By going to Trowern \& Co., all middle profits are saved. Visitors to the city during the exhibition season will find it to their advantage to make a note of this.

The Latest. - St. Peter (suddenly jumping up and shutting the door and speaking through the slight remaining aperture) - "Who comes ?" Reply from without-"La Grippe." St. Peter - "Whew! I thought I smelled asafe-tida."-Ph. Era.

Loeffler's Solution for Topical Use in Diphtheria.-

Methol . . . . . . . . . . . 10 grains.
Toluol . . . . . . . . . . . 36 cubic cen.
Absolute alcohol .. 60 cubic cen.
Sol. of ferric chloride
(U. S. P.) . . . . . . . 4 cubic cen.

When much sepsis exists, two cc. of creolin or metacresol are substituted for the ferric chloride solution. We should prefer guaiacol. The therapeutic value of this solution is attested by many competent observers. The application is quite painful, and cannot be borne by the nose or larynx.-Polyclinic. [This can be procured from Parke, Davis \& Co.]
is a Compound Coal Tar product, and is in no way connected with the Diphtheria Antitoxic Serum. In hospital practice it has been demonstrated to be a powerful heart stimulant as well as a most efficient antipyretic and antineuralgic. It may with absolute safety be placed in the hands of chronic sufferers from Neuralgia or Headache, as, unlike other antipyretics, it is never known to depress the heart's action in the slightest degree, but, on the other hand, adds tone and strength to the action of a weak heart, when administered for the reduction of fever or the relief of pain. Hundreds of British Physicians have written us concerning its power in stimulating the heart's action in' a great variety of cases. There is no substitute for Antitoxine

## $\$ 1.50$ per oz. FOR DISPENSING ONLY.

## Years before the new Diphtheria Cure was

 discovered, this antipyretic was known and prescribed in London as "Antitoxine." Please note and remember this, as we are. wrongly accusod of appropriating the name.

## Tife llew Colining Hocise

## FINE CUSTOM TAILORING

Will be a special feature with the new firm. We have stocked up with a very superior range of

## FINE WOOLLENS

in English, Irish, Scotch and Canadians
With the best cutters and finishers in the city, and prices on a popular CASH BASIS.

Trade is coming our way rapidly.
SFE OUR GOODS
thy us for your spring suit and overicoat

CHEYNE \& CO.
73 King St. East, TORONTO. ROBT. CHEYNE, Manager.

## DR. BREMNER,

Late Assistant Surgeon to Hospital for Ruptured and Crippled, New York,
$\mathrm{B}^{\text {EGS to announce that he has opened a }}$
PRIVATE HOSPITAL
for Deformities, Joint and Spinal Diseases. For terms, etc., apply

39 BLOOR ST. E., TORONTO.

## FARMER BROS.

The Great Group Photographers. 92 yonge street, TORONTO. Special attention given to College Groups. Special Rates to Students.



Kindling . . . ... Charcoal
Toronto Coal \& Fuel Co., in in speasa COAL \$5.00 A TON
Wood in all Qualities at Lowest Rates
Head office and Yard - 249 to 253 QUEEV ST. WEST. Offices with Yards and Railway Connection: conaer gidblote ave. and queet St., tororto Hardwood Chareoal a Specialty.
N.B.-We direct Special Attention to the fact that we were the means of bringing ahout the "bursting" of the Coal Combine, and the onnsequ.nt reduction in prices.

## COWAN'S

 HYGIENIC COCOAA Delicious and Nourishing Beverage
We recommend it to all, and especially to convalescent patients.

References:
Drs. Canniff and Norman Allen, City.
THE COWAN CO. (LTD.)
TORONTO.

One of the best devices in the way of a horse weight (an article which doctors have to use so much) is that of D. B. Maconachie, of 30 Sorauren Avenue, Toronto, whose advertisement will be seen on another page of this issue. The weight is made with a spring and a roller on the inside, so that the strap attached to it is kept constantly wound up, only the hook being exposed to view. This prevents the strap becoming entangled in the feet of the persons driving. This article ought to have a big sale among medical men. It sells for $\$ 2$ or $\$ 3$, being either plain or nickel-plated.

Prof. Wilson says epidemics of cerebro-spinal fever, even though they last for months or a year, confine
themselves to a small number of cases, attacking a few individuals here and there throughout the community.

For Painful Pharyngitis.The Medical Press gives the following formula :

M. ft. solut. Sig.: Paint the throat two or three times daily.

Cystic Goitre, with Cases in Practice. By A. Britton Deynard, M.D., New York. Reprint from Meaical and Surgical Reporter, June 24th, 1893.

## tre hatest and aros..... HPRPY RELIFF RBDOOIINL SUPPPOTER



Address

## MRS. F. L. PICKERING,

BOX 149

## WHEELER'S TISSUE PHOSPHATES.

Wheeler's Compound Elixir of Phosphates and Calisaya. A Nerve Food and Nutritive Tonle for the treatment of Consumption, Bronchitis, Sorofula, and all forms of Nervous Debility. This elegant preparation combines in an agreeable Aromatic Uordial, acceptable to the most irritable conditions of the stomach: Say-Bone Lime Phosphate, Soda Phosphate, Iron Phosphate, Phosphoric Acid, and the active Principles of Calisaya and Wild Cherry.

The special indication of this combination of Phosphates in Spinal Affections, Caries, Necrosis, Ununited Fractures, Marasmus, Poorly Developed Children, Retarded Dentition, Aloobol, Opium, Tobaoco Habits, Gestation and Lactation, to promote Development, elo, and as a physiological rostorative in Sexual Debility, and all used-up conditions of the Nervous System, should receive the careful attention of good therapeutists.

NOTARLE PROPERTIES. As reliable in Dyspepsia ${ }^{38}$ Quinine in Ague. Secures the largest percentage of benefit in Consumption and all Wasting Diseases, by determining the perfoot digestion and assimilation of food. When using it, Cod Liver Oil may be taken without repugnance. It renders success possible in treating chronic diseases of Women and Children, who take it with pleasure for prolonged periods, a factor essential to maintain the good-will of the patient. Being a Tissue Constructive, it is the best general utility compound for Tonic Restorative purposes we have, no mischievous effects resulting from exhibiting it in any possible morbid condition of the system.

Doss.-For an adult, one tablespoonful three times a day, after eating; from seven to twelve years of age, one dessertspoonful; from two to seven, one teaspoonful ; for infants, from five to twenty drops, acoording to age.

Prepared at the Chemical Laboratory of T. B. WHEELER, M.D., Montreal, P.O. to pravent Substitution, put up in Pound Bottlas only and sold by all Drugeists at one Dollar.

## 'PHCNE 1702 <br>  <br> IS ночпно 1 ti

Physicians' Signs of any and all kinds.

## OITTRIIO VETERIVAPY COLLLEEE

40-46 Temperance St..
TOFONTO. ~ ~ CRNADR
Most successful Veterinary Institution in America. Experienced Teachers. Fees $\$ 65$. Session begins October 17th.

Prof. A. Smith, F.R.O.V.S., Prindpal,
J. I. . मullerl $=$

BROAD WAY PHARMACY
Cor. Spadina Ave, and College st. TELEPHONE 2335.

I carry a full stock of Parke-Davis' and Wyeth's goods, and make a specialty of dispensing physicians' prescriptions.

## TELEPHONE 8951

## John M. Gander CONTRACTOR, ETC.

Fstimates Furnished for every description of Plastering, including Portland, Keene's, Roman, Parian and Mastic Cements. Also Adamant and Soapstone Finish.

WORK MEASURED AND VALUED

## Hereward Spencer \& Co.

## TEA MERCHANTS

63 $1 / 2$ KING ST. WEST TORONTO

> | Pure India and |
| :--- |
| Ceylon Teas . |

Sale agents for "GREEN OLIVE OIL" SOAP imported from Zanté, Greece.
Specially Useful for Physicians' Use.
Price, 50 cents per Bar.

The Best Antiseptic and Disinfectant
FOR GENERAL AND SPECIFIC USES, IS . .

## D $\frac{\text { Non-poisonous }}{\text { Safe, Odorless . . . }}$

A Powerful

> Deodorizer and Disinfectant Saline Antiseptic . Alterative and Styptic $\quad$. Arrests and Prevents Putrefaction and Contagion

Bromo Chloralum is an ideal prophylactic in threatened epidemics of contagious or infectious diseases. In its neutralizing effects on all germs of disease it surpasses all other preparations of its kind.

Bromo Chloralum, employed internally and externally as a remedial agent in the treatment of diseases, and as a deodorizer and disinfectant, is. under all circumstances, absolutely safe.

One bottle, diluted with water, will make
12 pints of proper strength for use
Send for Sample and Pamphlet

## Address <br> BROMO CHEMICAL CO. <br> New Lebanon, N.Y.

The Etiology of Puerperal Fever. - The University Medical Magazine gives the following deductions from Dr. Herman's remarks in a discussion of puerperal fever: (1) Puerperal fever is produced by micro-organisms, which get into the system through wounds made in childbirth. (2) These organisms are transferred by contact. They are not
inhaled or swallowed. (3) The transference of organisms is prevented by cleanliness, and the organisms are killed by antiseptics. (4) The hands are the usual poison-bearers; next in frequency, clothes and instruments. (5) Investigation of a particular outbreak of puerperal fever should begin with inquiry into the precautions taken by doctors, nurses and mid-
[Continued on page 214
DOCTORS! Advise all your patients, sespecially those with delicate digestion, to use
FAIRGRIEVE'S ODORLESS COOKING UTENSIL
and prevent the sick-room being pervaded with the fumes from the kitchen. Endorsed by scores of Toronto physicians. Call and see it at

## A. FAIRGRIEVE \& CO., <br> College Street, - - TORONTO

## © NTARIO Vaccine Farm.

ESTABLISHED 1885.

Pure and Reliable Vaccine Matter always on hand. Orders by mail or otherwise promptly
10 Ivory Points, $\$ 1.00$; 5 Ivory Points, 65 cts ; single Points, 20 cts.

Address all orders: VACCINE FARM, A. STEW ART, M.D.

Palmerston, Ont.

## W. P. KEARNS <br> Saddle \& Harness Maker, cor. king and ceorce sts., toronto. <br> Ropairs Promptly and Neatly Executed

THE MEDICAL PUBLISHING CO., ROOMS 97, 98, 99, CONFEDERATION LIFE BUILDING, TORONTO, PUBLISHERS OF "DOMINION MEDICAL MONTHLY AND ONTARIO MEDICAL JOURNAL," \$1.00 PER ANNUM OUTSIDE OF ONTARIO, BRITISH COLUMBIA, AND NORTH.WEST TERRITORIES.

## H. M. STEVENSON

"Brilliant Sign Letter" practical SIGN WRITER

## WHITE ENAMEL LETTERS

Estimates furnished on all kinds of glass, wood AND brass signs, wire screens, etc. . . WOO

Telephone 2356 N.B.-As the Brilliant Letters are spe cially adapted for Physicians' use, I wish to draw the attention of the profession to thens, ard will be pleased to call on receipt of message by telephone or mail.

## 46 ADELAIDE ST. EAST

## Cbas. P. Lennex \& Son <br> DENTISTS

Beg to announce that
Telephone 1846 they have removed to

## CONFEDERATION LIFE BUILDING



## ANY PHYSICIANS

Visiting Rochester, N.Y., this summer will find it to their advantage to stay at

## The Whitcomb House

It is strictly first-class throughout. Special attention will be given to members of the medical profession. Rooms large and airy. Cuisine the very best. The Whitcomb House is very convenient to all electric cars, and is only one mile from Charlotte. Remember the address,

## the WhITCOMB HOUSE

(Whitcomb \& Downs, Proprietors.)
East \#ain Street, - RocuESTER, N.Y.

## G. R. BYFORD BOOKBINDER.

. Bookbinding of Every Description. .

# S <br> PEClaL ATtention given to Binding Medical Journals, Pamphlets, etc., for Physicians. <br> Gold Lettering on Badges, Pocket Books, etc. 

42 CHURCH SI, (Cor. Church and TORONTO,
Residence, 271 Spadina Ave.
ACHESON \& CALDER,
458 Spadina Are. Toronto.

## M ERCHANT TAILORS.

First-class Work our Speciality. Satisfaction Guaranteed.

ESTABLISHED
1884

## Standard

Steam Laundry
Your clothes are properly cleansed and elegantly finished, without being destroyed

## 302 \& 304 CHURCH ST., TORONTO

A. H. Cheesbrough
... Dentist ...

OFFICE:
No. 1 queen St. Eabt
Toronto
OVER IMPERIAL BANK
8.E. COR. QUEEN AND YONGE

To Business and
Professional Men
The Double Liability Policy of the Manufacturers' Guarantee and Accident Insurance Co'y Provides

DOUBLE INDEMNITY
in case of death or accidental injury incurred whilst riding as a passenger in any Steam, Cable or Electric conveyance, and

## $\$ 50.00$

per week for 52 weeks of total disability for $\$ 25.00$ per annum. Less amounts at proportionate rates

SEE THIS POLICY
Head Office:
63 YoNCE sTREET, Toronto
J. F. JUNKIN, General Manager
wives to secure the cleanliness and disinfection of their hands, clothes and instruments. (6) There is no such thing as self-infection with puerperal fever. The causes supposed to produce "autogenic" puerperal fever produce, in lying-in women defended antiseptics from septic poison, only trivial illnesses. (7) The inhalation of sewer gas causes in the puerperal woman the same symptoms as in other persons. There is no good evidence that, in women defended by antiseptics from septic poisoning, it produces symptoms like those of septicæmia. (8) The poison of erysipelas of the skin produces in lying-in women erysipelas of the skin, and no other illness. But the poison of the disease, known as phlegmonous erysipelas of cellular
tissue produces puerperal fever. (9) The poison of scarlet fever produces in lying-in women scarlet fever, and no other illness.

Treatment of Appendicular Colic and Appendicitis.-M. Leon Joubert, of Mont Dauphin (HautesAlpes), in a paper on this subject, gave the details of three consecutive cases of cure by rectal injections of glycerin in large doses. He is firmly convinced that this remedy should be employed in every case before attempting laparotomy - an operation less dangerous, it is true, in these days of antisepsis, but often impracticable in the country. in the colonies, or at small military camps, where the physician finds himself without assistants, or without the necessary armamentarium.

## This Soap

 hasobtained 27 Gold Medals and other awards,

including the Gold medals at World's Exhibitions at Paris and Chicago. It also bears the endorsements of eminent scientists for its absolute purity.

## Important Notice . . . to the Medical Profession

$\mathrm{T}^{\mathrm{F}}$HE AUER LIGHT has been brought into use with most satisfactory results for special examination of the throat, ete. Used with the Mackenzie Concentrator, it far surpasses any other light. It is an Incandescent Gas Light, using gas in such a way as to give more than six times as much light as with ordinary burners, and is composed of a metal oxide mantle, suspended over the flame of a Bunsen burner, the heat of which instantly brings the mantle to a state of incandescence.

## Less heat than ordinary gas.

> Perfect combustion-no smoke nor soot.
> Perfectly steady-no flickering.

Colors can readily be distinguished by it. It consumes not more than three cubic feet of gas per hour. Any ordinary gas jet consumes from fire to eight cubic feet per hour. Helpful to the eyesight, and endorsed by physicians.

Over 50,000 now in use in Canada, and daily increasing.

## Fuer Incancesceant Light IITPg Co. <br> (LIMITED)

38 TORONTO ST., TORONTO
Tel. 1866 . C.J. R. Stlrling, Manager.


We have spent a lifetime in the shoe business, and can fit you with a boot or shoe that you will enjoy wearing as long as it lasts.

## Try a pair of our <br> AMERICAN-MADE BOOTS

For Ladies' and Gentlemen's wear, in sizea, halt sizes, six different widths, and all popular styles. We also make a

8pecialty of Good, Serviceable Boote and Shoes for Chlldren's Wear
at very reasonable prices.

## H. \& C. BLACHFORD

83 to 89 King Street East, Toronto.


Ye Olde English

## the Reid Bros. Manf'g Co.

OF TORONTO (Limited)
102 \& 106 ADELAIDE STREET WEST
Manufacturers of .... BILLIARD TABLES AND BOWLING ALLEYS

## Alphabetical Index of Formulæ.

(Continued.)

## Diphtheria (Continued).-

B Quiniæ sulphat. . . . . . gr. xij.
Potass. chlorat
gr. xlviij.
Tr. ferri chlor.
f3 j .
Syr. zingiber
f 3 .
Aquæ..........q. s. ad $f=$ iij.-M.
Sig.: Teaspoonful in water every two hours for a child of six to ten years.-Goodhart and Starr.

## R Camphore

 3 vOl. ricini ............ f3 iv.
Alcoholis . . . . . . . . . f 3 iiss.
Acid.carbolic.(crystals) $\emptyset$ iv.
Acid. tartaric ........ gr. xvj.-M.
Sig.: For local application.-La Tribune Médicale.
R. Pepsinæ Acid. hydrochlor. dil. $\Pi \mathrm{J}$. Aq. destillat. . . . . . . . . Glycerinæ.........āā $f$ §ss.—M.
Sig.: Paint throat. (To remove membrane.)-Canada Lancet.
R. Papain 3 ij. Hydronaphthol .. gr. iij. Acid. hydrochlor. dil. gtt. xv. Aq. destillat. ....ad $\mathrm{f} \overline{\mathrm{Z}} \times x \times \mathrm{xij} .-\mathrm{M}$. Ft . sol.
Sig. : Use carefully and thoroughly, by means of hand atomizer, every half hour on throat, on posterior nares, and pharynx-Richardson.
B Portass. chlorat. . .... 3 j .
Listerine .............. $\mathrm{f}_{3} \mathrm{j}$. Aquæ.............s. ad $f\left(\begin{array}{l}\text { iv. } \\ \text {. }\end{array}\right.$ M.
Sig.: Use as a gargle every two hours.-Powell

WE beg to notify the medical profession all over
Canada that we have been appointed

## SOLE CANADIAN AGENTS FOR

 THE

The "New Rapid" Cycle

## D. WALTERHOUSE Cbemist and Druggist

: 5 HOWARD ST.

'Phone 3378
TORONTE
Branoh Store, 190 Sorauren Avo.
I keep a full line of goods from all the principal houses in Canada and the United States, e.g., Squibb, Parke-Davis, Stearn, etc. I pay particular attention to the dispersing of physicians' prescriptions and invite their patronage.

## KNOX LAAGNDRY

 $42 I$ SPADINA AVENUE.
## ALL HAND WORK.

No Machinery to Destroy
your Linen, . . . . . .
Orders Sollcited
'Phone 1562. W. LARTER, Prop.

# THE WABASH RAILROAD 

Is acknowledged by travellers to be the best line to CHICAGO; shortest and quickest route to KANSAS CITY, ST. LOUIS, TEXAS. OLD MEXICO, CALIFORNIA, and all South-western points . . . . .

ALL TRAINS ARE SUPERBLY equipped with the finest sleeping and chair cars in America. The only direct line to Hot Springs, Arkansas, the Carlsbad of America. Their efficacy in curing diseases has been known to the civilized world for generations, and people of all nations have gone thither in successful search of health.

Pamphlets, time tables and full particulars from
any railroad agent, or.

## J. A. RICHARDSON,

canadian passenaer agent,
N. E. Cor. King and Yonge Sts., - - TORONTO.

## Hichest Prize and Medal at World's Fair, Chicaco

## Wilson

## Scales and Refrigerators

> All the latest Improvements. Walls of Refrigerators filled with Mineral Wool. . . Special prices this month


## C. WILSON \& SON

87 Esplanade St. East, Toronto

## Diphtheria (Continued).-

B Hydrarg. chlor. mit. . gr. j.
Sodii bicarb . . . . . . . . gr. xxiv.
Pulv. aromat. ........ gr. vj.-M.
Et ft. chart No. xii.
Sig.: One powder every two hours.

## - Starr.

B. Potass. permanganat. . gr. ij.

Aq. destillat......... $\mathrm{f}_{\mathrm{Z}} \mathrm{ij} .-\mathrm{M}$.
Sig.: Teaspoonful every three hours
for a child of eight or ten years.Bartliolow.

R Acid. lactic. . . . . . . . . f 3 iiiss.
Aq. destillat.........f $\mathrm{Z}_{\overline{3}}^{\mathrm{x}}-\mathrm{M}$.
Sig.: Use as a spray or with a mop.
-M. Mackenzie.

```
B Papayotin:
    Aquæ .............f
    Glycerinæ...........f汶viij.-M.
    Sig.: Apply locally to membrane.
B. Acid carbolici
gr. x . Acid. sulphurosi .... f 3 iij. Glycerinæ Tr. ferri chlor. ....āā \(f \bar{Z}\) ss.—M.
Sig.: Paint throat frequently.Hazard.

B Tr. ferri chlor. . . . . . . f \({ }^{2}\) ii-iij. Potass. chlorat....... 3 j. Acid. muriat. dil...... gtt. \(x\). Syr. simp fZiv.-M.
Sig.: Teaspoonful every hour or two.-J. Lewis Smith.


\title{
Bay View Stables
}
(Rear Molson's Bank, King St. and opposite "Mail" Building)
99 BAY STREET
...TORONTO

I'HAVE much pleasure in informing the medical pofession and public generally, that having leased the very central and convenient stables situated at above address, I shall at all times have on hand a number of high-class horses, such as Matched Pairs, High Stepping Harness Nags, Saddlers and Ponies, all of which will be found perfectly sound, reliable and entirely as represented, Landans, Coupes and Victorias for hire-charges at usual recognized rates; also, very nice Single and Double Livery Rigs, Buggies, Phaetons, etc., in addition to Saddle horses. A few extra good Stalls and Boxes vacant for Boarders, which will receive the very best care. Special attention paid to procuring horses and outfts for medical men.

\section*{LOVIS P. WHLSH, PROPRIET®R}

\section*{GORDON WALDRON W. H. HODGES}

\section*{TELEPHoVE 2280}

\section*{WALDRON \& HODGES}

\section*{Barristers, ডolicitors, Etc.}

Offices:

\section*{QUEBEC BANK CHAMBERS corner king and toronto streets . . TORONTO . .}


Specially for Shorthanders of every description -Reporters or Amanuenses.
Practice the whole day - Students enter at any time
FEES MONTHLY IN ADVANCE
Pamphiot "Whioh Systom?" and Cirevilar mailed fee.

\section*{IIRS. BUNTER}

\author{
81 Rose Ave., Toronto
}

Has specially adapted accommodation for ladies before, during and after accouchement, and will be pleased to have physicians send and attend their cases there.

\section*{STRIOTLY FIRST-CLASS.}

\section*{THE VIITORRA TER WRREHOUSE}

Sign of the Queen
Toronto, January, 1895
TO THE PUBLIC.
The business carried on by the late Edward Lawson, Pioneer Tea Merchant of Ontario, and known as the Victoria Tea Warehouse, and so successfully conducted by him for fifty years, has been transferred to me. I would be pleased to see all my late father's patrons, feeling sure that we can give them the same satisfaction as heretofore.

Yours respectfully,
Edward A. Lawson
36 Chnrch St., Cor. ( olborne St.

\section*{MICROSCOPES \\ FOR THE}

\section*{Medical Profession}

A good Microscope with powers up to 600 diameters, consisting of a steady brass stand, with rack and pinion and fine adjustment, draw tube, two eye pieces and two object glasses. The stand has a joint to set the instrument to any angle.

> The Whole packed In Mahogany box. Price, complete, \(\$ 40.00\)

Chas. Potter is also agent for the wellknown firm of Beck, of London, England, whose microscopes have a world-wide reputation.

Send for Catalogue to

\section*{Chas. POTTER}

31 King St. East, Toronto Clinical Thermometers with Magnified Scall, \(\$ 1.00\) Erch.

\section*{Hospital College of Medigine and INFIRMary}

Medical Department of the Central University of Kentucky.

\section*{SPRING AND SUMMER SCHOOL.}

Sessions held at the same time as those of the Dental Department. Course opens January 2nd and continues six months. For Catalogue address, P. RICHARD TAYLOR, M.D., Dean, LOUISVILLE, KY.

\section*{LOUISVILLE COLLEGE OF DENTISTRY \\ Dental Department of Central University of Kentucky. \\ LOUISVILLE, KY.}

For full information and Catalogue address-

\section*{P. RIGHARD TAYLOR, M.D.}

DEAN,
324 East Chestnut Street, LOUISVILLE, KY.

\section*{Dropsy.-}
\(B_{x}\) Infus. digitalis........... \(f_{Z}\) iv.
Sig.: Tablespoonful three times daily.-Bartholow.

B Digitalis

M. Sig.: Tablespoonful every three to six hours. (In cardiac dropsy.)-Gerhard.
B. Pil. scillæ comp.,

Pil. colocynth comp.āā \(\ominus_{\text {ij }}\).
Ol. tiglii. . ............. Mvj.-M. Et ft. pil. No. xviii.
Sig.: Three pills twice a week.Selwyn.

Bx Pulv. digitalis. . . . . . . gr. xxx .
Ferri sulph. exsiccat. . gr. xv.
Pulv. capsici ......... gr. xl.
Pil. aloë et myrrh . . . . 3 ij.
M. Et ft. pil. No. lx. Sig.: One pill twice a day. (In cardiac dropsy with dyspepsia.)-Fothergill.


Indelible Black
Patented March 25, 1890

\section*{THE TWIN, HALF-MINUTE, BARRY SCALE CLINICAL THERMOMET. R \\ \section*{Simple to Understand, and Easy to Read}}

It gives the practitioner at a glance the amount of his patient's fever, expressed in degrees and parts thereof. It answers the question briefly: How many degrees of fever have I got? And in place of saying 99 , 100 thereot. It have it expressed in figures, from normal (o) \(1,2,3,4\), etc., degrees of fever. A trial of this instrument will prove its mportance. Twin instrument. Standard accuracy certified. Price, in rubber case, twin, plain, 81.75 ; twin lens, 82.00 .
S. B. CHANDLER, \& SON, - Sole Agents,

TORONTO, CANADA

\section*{THE FAMOUS}

\title{
"El PADRE"
}

SOLD

\section*{HIGH CLASS \\ 5 Cent Cigar}

\section*{Si. Leon Sprinigs Water}

DR. SEVERIN LACHAPELLE, Editor-in-Chief of the Journal d Hygiene, in two well-written articles, recently published on the virtues of the

\section*{CELEBRATED ST. LEON WATER,}
gives a very careful analysis thereof, and he states the various diseases for which this water is positively efficacious ; amongst others Dyspepsia, Scrofula, Rheumatism, Hemorrhoides, Liver, Kidney and Skin diseases. He says this Water, drank habitually, is the most powerful agent in destroying the germs of Rheumatism, which undermine the constitution. In cases of Typhoid Fever, St. Leon Water is the basis of treatment.


I hereby certify that I have analyzed a sample of "St. Leon Water," taken from the bulk from the store cellars in Montreal, and I am able to confirm the general result of the analysis published by Dr. T. Sterry Hunt., F. R.S., published in the report of the Geological Survey, 1863 ; also the analysis of Prof. C. F. Chandler, of Columbia College, New York, made in 1876.
(Signed) JOHN BAKER EDWARDS, Ph.D., D.C.S., F.C.S., and ex-Professor of Chemistry and Public Analyst.

Toronto, January 1, 1895

\section*{DOCTORS:}

The following prescription you will find to be an infallible cure for Insomnia, Physical Inertia, Loss of Appetite, etc., among your patients:


Ft. one first-class wheel. Sig.: Use once or twice daily, as directed.
\[
- \text { H.C.P. }
\]

Above prescription can be filled at any time, at the

> COMET CYCLE CO.,

\author{
17-19 Temperance Street, Toronto
}

Dropsy (Continued).-
B Potass. iodid
Aq. destillat
\[
\begin{aligned}
& \text {.......... } \overline{3}_{\text {ss-j. }} \\
& \mathrm{f} \boldsymbol{z}_{\mathrm{z}} \mathrm{vj} \text {. }
\end{aligned}
\]
M. Sig.: Tablespoonful three times a day. (In anasarca with scanty urine.)-Ringer.
\[
\begin{aligned}
& \text { B } \quad \begin{array}{l}
\text { Pulv. jalapæ. . . . . . . . . . . . } \\
\\
\text { Potass. bitart. . . . . . . . . . } \\
3 \mathrm{vj} .
\end{array} . . . ~
\end{aligned}
\]
M. Et ft. chart. No. vi. Sig.: One powder every three hours. (In general dropsy due to kidney disease.) -Chapman.
H. Pulv. scillæ,

Pulv. digitalis,
Caffeine citrat...........āā 3 ss.
Hydrarg. chlor, mit. . . . . . gr. v.
M. Et ft. pil, No. xxx. Sig. : One pill three times a day. (In cardiac dropsy.) - Wood.
B. Mist. ferri et ammon.
acetate. (U. S. P.) \(f z v j\).
Sig.: One or two teaspoonfuls four times a day.-Ba-ham.

\section*{Dysentery.-}

R Pulv. opii ............gr. xx.
Pulv. resinæ. . . . . . . . . gr. xxx
Pulv. acaciæ. . . . . . . . gr. xx g.
Aquæ. . . . . . . . .
M. Et ft. No. xxv. Sig.: One pill every four hours until relief is obtained.-Geer.

B Cupri sulphat.......... . gr. ss.
Magnesii sulphat....... f \(\mathcal{Z}\) j.
Acid. sulphuric. dil.....f f \(\overline{\mathrm{j}}\).
Aquæ.................... \(\mathrm{f}_{3}\) iv.
M. Sig.: Tablespoonful every four hours. (In acute form.)-Bartholow.

\section*{For Signs and \\ Display Cards \\ plapuan}

\section*{Call up JAS. J. O'HEARN}

\section*{TELEPHONE NO. 2677}

When you want Painting, Paperhanging, kal SOMINING, SIGNS, or INTERIOR DECORATION of any kind. Graining a speciality.

\section*{Remember the Address :}

\section*{161 QUEEN ST. WEST} (Opposite Osgoode Hall)
N.B. - We pay special attention to Physicians' Signa whether brass, japanned, tin or glass.

\section*{Alex. Downey} GHARTERED STENOGRAPHIC REPORTER

Official Reporter Admiralty Court
Official Reporter Col. Ph. and Sur., Ont.
Commissioner for Quebec
Commissioner for New York

\section*{TELEPHONE 421}

79 Adelaide St. E., Cor. Chureh st., TOFONTO

\title{
University • of • Toronto
}

\section*{MEDICAL FACULTY}

\section*{PROFESSORS, LECTURERS AND DEMONSTRATORS.}
H. RICHARDSON, M.D. Tor., Professor of Anatomy.
A. PRIMROSE, M.B. C.M. Eiin., Associate Professor and Demonstrator of Auatomy, Secretary of the Fituliy.
H. WILBERFORCE AIKINS, B.A., M.B. Tor., Lecturer in Anatomy.
V. B. THISTLE, M.D. Tor.
F. N. G. STARR, M.B. Tor.
F. W. CANE, M.B. Tor.
A. R. GORDON, M.B. Tor.
F. WINNETT, M.B. Tor.
B. F. MCK LNZIE, B. A., M
G. CLINGAN, M.B. Tor.
W. T. AIKINs, M.D. Tor., LL.D., Professor of Surgery.
L. MCFARLANE, M.D. Tor., Professor of Clinical Surgery
I. H. CAMERON, M.B. Tor., Professor of Clínical Su'gery.
G. A. PETERS, M.B. Tor., F.R.C.S. Eng.. AssociG. ate Prof ssor of Surgery and Clinical Surgery. JOHN CAVEN, B.A., M.D. Tor., Profesior of Paihology.
JOHN AMYOT, M.B. Tor., Demons rator of Pathology.
J. E. GRAHAM, M.D. Tor., M.R.C.P. Lond.

Professor of Medicine and Clinical Mericine.
A. McPHEDRAN, M.B. Tor., Assoc ate Professor of Medic ne and C inical Me iicine.
W. P. CAVEN, M.B. Tor., Lecturer in Clinical Merlicine.
JAMES M. McCALLUM, B.A., M.D. Tor., Professor of Yharmaco ogy and Therapeutics.
C. F. HKEBNER, Phm.B. Yor., Lecturer on Materia Medica and Elementary Therapeutics.

UZZIEL OGDEN, M.D. Tor., Professor of Gynæco-
A. H. WRIGHT, B.A., M.D. Tor., Professor of Obstetrics.
A. REEVE, B.A., M.D. Tor., Professor of Ophtha mology and Otology.
H. BURNHAM, M.D. Tor., Clinical Lecturer in Ophthal mology and Otology.
G. R. McDONAGH, M.D. Tor., Lecturer in Laryngologyland Rhinology.
W. OLDRIGHT, M.A., M.D. Tor., Professor of W. H. ELLIS, M. A., M.D. Tor., Lecturer in

Toxi olosy
BERTRAM Medical Jurisprudence
HON. DAVID MILLS, LL.B., Q.C., Legal Lecturer in Medical Jurisprudence.
Daniel Chark, M.D. Tor., Extra-Mural Professor of Medira Psychology.
R RAMSAY WRIGHT, M.A., B.Sc. Edio., Professor of Biology.
A. B. MACALLUM, B.A. M. B. Tor., Ph.D. Johns Hopki s, Professor of Physiology.
R. R. BENSLEY, B.A., M.B. Tor., Assistan: Demonstrat or in Biology.
WM. H. PIKE, M. A., Ph. D., Professor of ChemisW. Hry. ELLIS, M.A., M.B. Tor., Lecturer in Chemistry.
W. L. MILLER, B.A., Ph.D., Demonstrat or of Chemistry.
JAMES LOUDON, M.A., Professor of Physics.
U.A. CHANT, B.A. To:., Lecturer on Physics.

The regular course of instruction will consist of Four Sessions of six months each, commencing October ist.

There will be a distinct and separate course for each of the four years.
The lectures and demonstrations in the subjects of the First and Second years will be given in the Biological Laboratory and the lecture-rooms of the University. The new chemical building, which is now completed, will afford unsurpassed facilities for teaching that subject.

Lectures and demonstrations in the subjects of the Third and Fourth years will be given in the building of the Medical Faculty, corner of Gerrard and Sackville streets.

Clinical teaching (largely bedside) in the Toronto General Hospital, Burnside Lying-in Hospital, Victoria Hospital for Sick Children, and other medical charities of Toronto.

\section*{. . . FEES . .}

Lectures and Demonstrations: ist year, \(\$ 75\); 2nd year, \(\$ 75\); 3rd year, \(\$ 85\); \(4^{\text {th }}\) year, \(\$ 85\). Registration for Lectures, \(\$ 5\). Registration for Matriculation, \(\$ 5\). Annual Examinations, each \(\$ 10\). For Examination in Practical Chemistry, 50 C . For Admission ad eundem statum, \$6. Degree, \$20. Hospital Perpetual Ticket, \$24. Lying-in Hospital, \(\$ 8\).

\author{
UZZIEL OGDEN, M.D., \\ Dean.
}

\author{
A. PRIMROSE, M.B., Secretary, \\ Biological Department, University of Toronto.
}

Dysentery (Continued). -
R Hydrarg. chlor. mit. . . . gr. ij.
Pulv. opii . . . . . . . . . . gr. iv.
Pulv, ipecac. . . . . . . . . . gr. viij.
M. Et div. in chart. No. viii. Sig. : One powder every two hours.Hazard.

B Liq. ferri pernitrat.;
Acid. nitric. dil........āā f3 ss
Syr. \(\operatorname{simp} \ldots \ldots \ldots \ldots \ldots\). \(f=\ldots\).
Aq. cinnam.......q.s. ad f \(\boldsymbol{\xi}_{\text {iij. }}\)
M. Sig.: Teaspoonful every three hours for a child.-Ellis.

M. Et ft. in chart. No. xii. Sig.: One powder every three hours for a child of three years.-Starr.

\section*{Sociefly of the Liping-in Hopital OF THE CITY OF NEW YORK. (Organized 1798.) Consulting Physicians.}

Edward W. Lambert, M.D., - Thomas M. Markoz, M.D. Wm. T. Lusk, M.D., - WM. M. Polk, M.D. Attending Physicians.
J. W. Markoe, M.D., S. W. Lambrrt, M.D. dear, M.D., H. McM. Painthr, M.D., Austin Flint, Jr., M.D.
The constant increase in the number of patients ( 6,542 in the past three years) has justified this society in purchasing a suitable building for hospital use in addition to the statiou at 314 Broome and Seventeenth Street ited at Second Avenue and Seventeenth Street, is now fully equipped, having accommodation for thirty patients. The out-door service is continued as formerly, and addit onal instruction is now practicable in the various obstetrical operations. The regular course of instruction or two weeks is given during the entire year, and is open to graduates and student of medicine who have completed one course of lecture. Students are admitted in the order in which their applications are received, or assigned special dates when practicable. All deliveries are strictly antiseptic, and in the Alldeliveries are cases are attended as in private practice. Lodgings, instruments, and medicines are furnished by the hospital during the two weeks' service, and the tificates are issued to those who have performed
the service satisfactorily. the service satisfactorily. (Separate apartment
for graduates.)

For further information apply to
CHARLES FORD, Superintendent,
251 East Seventeenth St., New York City
Special instruction upon the manikin given by the
ttending physicians.

\section*{MALTOSE}

\section*{. . OR . .}

\section*{Canadian Barley Extract of Malt}

MALTOSE is a concentrated extract of Canadian Barley Malt containing the largest possible amount of digestive and nutritive principles of this cereal without any adulteration. It possesses in a higher degree (the power of digesting farinaceous food) than any known Extract of Malt, and will be found an invaluable aid in establishing a healthy digestion. Our Maltose preparations will keep in any climate.

\section*{WE MANUFACTURE}

\section*{MALTOSE}

Plain - Ferrated - With Cod Liver Oil - With Cascara Sagrada - With Hypophosphites-With Pepsin'and Pancreatine - With Peptones - With Iron, Quinine and Strychnine

\section*{Malt Wine}

With Pepsin and Pancreatine
The Maltose Manuraciuting Co, , 32 Front Street West,

\section*{Oliver Spanner \& Co.,} Naturalists and Taxidermists

\section*{DEALERS IN}

\section*{Artificial Eyes,}

Insect pins and Taxidermists' Supplies
We make a specialty of mounting Deer,
Elk and Moose Heads
Corals and Sea Shells
\(\qquad\) . . . Send for List
358 YONGE STREET,
Toronto, \(=\) Ontario

\section*{W. E. MARTIN}

\section*{Veterinary Surgeon and Practícal Horseshoer}

Oftce, Infirmary, and Shoeing Forge

\section*{4 and 6 FARLEY AVE. \\ Off Spadina Avenue \\ South of Queen Street \\ Toronto}

\section*{Horses Examined as to Soundness}

Calls Promptly Attended to Day and Night
TELEPHONE No. 2598
N.B.-Special Attention to Physicians' Horses


\section*{Bililaric Tadice.}

Billiard and Pool Tables. Low prices and easy terms. Billiard goods of every description. Ivory and celluloid Billiard and Pool Balls manufactured, repaired and recolored. Bowling Alley Balls, Pins, Foot Chalks, Marking Boards, Swing Cushions, \&c., \&c. Estimates for Alleys given on application.
In addition to the regular American Carom and Pocket Tables, we also manufacture \(6 \times 12\) full-scale English Tables, with \(11 / 2\)-inch slate beds, brass dowelled, and the latest improved, extra low and quick Excelsior Cushions, as used by Mr. John Roberts when giving his recent exhibition in Toronto.

Send for new illustrated and deseriptive oatalogue to

\section*{SAMUEL MAY \& CO.}

Billiard Table Manufacturers.

\section*{RICHELIEU AND ONTARIO NAVIGATION CO.}

\author{
ROYAL TIAIL LINE
} BETWEES
Toronto, Kingston, Montreal, Quebec, Saguenay River

\section*{AND INTERMEDIATE PORTS.}


\section*{toronto-montreal line.}

Commencing June 3rd, the steamers "Passport," "Corsican," Algerian" and "Spartan" will make ri weekly trips every Monday, Wednesday and Friday. Aiter ri-weokring,

Returning, leaver In addition to the regular ing from at \(5.00 \mathrm{a} . \mathrm{m}\). and Clayton at \(6.20 \mathrm{a} . \mathrm{m}\). for Montreal, calling at all interleave Kingsto thereby making a daily service between these dates from Kingston to Montreal.

\section*{MONTREAL-QUEBEC LINE.}

The steamers "Quebec" and "Montreal" are now running Daily between Montreal and Quebec, leaving Montreal at 7.00 p.m. and Quebec at 5.00 p.m., calling at intermediate ports. Quebec at 3.00 p.m. Vy Sunday until further notice.
every Sunday until further notice. will be on board these steamers during the season.
SAGUENAY LINE.
The steamers "Carolina," "Canada," and "Saguenay" will perform the service between Quebee and the Saguenay, and will run as follows:

From this date until June 15th, steamers will leave Quebec for the Sagnenay and intermediate ports on Tuesdays and Fridays at \(7.30 \mathrm{a} . \mathrm{m}\)., and from June 15 th to July 15 th, on Tuesdays, Wednesdays, Fridays and Saturdays at \(7.30 \mathrm{a} . \mathrm{m}\)., and from July 15th until further notice, daily (Sundays excepted), at 7.30 a m . For staterooms, etc., apply to
Jos. F. Dolan, Agent, H. Foster Chaffee, Asst. Pass. Agt.
L. H. Myrand, Agent,

2 King St. E., Toronto, Ont. 128 St. James Street, Montreal. L. H. Quebec.
C. F. GILDERSLEEVE, GĖNERAL MANAGER,

ALEX. MILLOY, TRAFFIC MANAGER.
228 St. Pail Strbet, Moxtreal.

\section*{Dysentery (Continued).-}

Be Strychninæ sulphat.... gr. \(1 / 4\).
Acid. sulphuric. dil .... f \(\bar{Z}\) ss.
Morphiæ sulphat . . . . . . gr. ij.
Aq. camphoræ . . . . .... \(f \bar{z}\) iiiss.
M. Sig. : Teaspoonful every hour or so, well diluted. (Epidemic form.) -Bartholow.
B. Tr. hamamelis

Elix. simp f3ss.
Syr. simp Aq. destillat
M. Sig.: Teaspoonful every two or three hours. (Where there is much blood.)-Ringer.
\(\mathrm{B}_{\mathrm{x}} \mathrm{Tr}\). opii deod.,
Vini ipecac
Ol. ricini,
Pulv. acaciæ,
Syr. simp.,
Aq. cinnam . . . . . . . . āā q.s.
Ft emulsio, secudum artem ad \(\mathrm{f} \% \mathrm{vj}\). Sig.: Tablespoonful every two hours.-Gerhard.

B Naphthalini. ............ 3 iss. Div. in capsules No. xviii.

Sig. : Two capsules every three hours.-Holt.


\section*{Toronto Garriage Woriss.}

\section*{CULLERTON \& MCGRAW}

MANUFAOTURERS OF

\section*{CARRIAGES}

\section*{Of All Kinds}

Of Every Description

\section*{29 and 31 ACNES STREET, \\ Toronto.}

\footnotetext{
Repairing and Re-painting promptly done at Lowest Rates.
}

\section*{TELEPHONE 2275}

BATHS OPED DAY AND NLGHT

I beg herewith to notify the Medical Profession that I have opened my NEW

\section*{TURKISh Baths}

LADIES - Tuesday and Friday Mornings, admit from 9.30 till 12.30 , and all day Thursday, from \(9.30 \mathrm{a} . \mathrm{m}\). till \(9.30 \mathrm{p} . \mathrm{m}\).

GENTLEMEN - Every Day, Afternoons, and all Night, except Ladies' Hours.
Single Bath, \$1.00. Day Tickets-Six for \(\$ 5.00\), or
Thirteen for \$10.00. Evening Tickets (from
6 till 10), Single Baths, 75 c . ; Eight for
\(\$ 5.00\), or Seventeen for \(\$ 10.00\).
PHY8ICIANS' TICKET8, 50 c ., or Twenty for \(\$ 10.00\).

\section*{at 127 AND I29 YONGE ST.}

\author{
W. T. PEMBER, Proprietor JAS. MUNN, Mar.ager
}
THE
COLLEGE
OF
PHYSICIANS

\section*{AND \\ SURGEONS}

OF
ONTARIO

SEPTEMBER EXAMLNATIONS, 1895

\section*{to be held in TORONTO}

The Primary and Final Examinations commence on Tuesday, the 10th of September, 1895, in Toronto, at \(9.30 \mathrm{a} . \mathrm{m}\).

By Order,
R. A. PYNE, REgistrar, Toronto, Ont.
N.B.-Candidates' application forms may be had on application to the Registrar. The application is to be properly filled out, declaration executed, and delivered into the hands of the Registrar, accompanied by the tickets and certificates and Treasurer's receipt, not later than the 3rd of September, 1895. All candidates for final examination are required to present their primary tickets and certificates with certificate of registration as a matriculate at the same time.
The Treasurer's address is, DR. W. T. AIKINS, 294 Jarvis Street, Toronto.

the No. 6

\section*{Remington}

\section*{Typewriter}

\section*{A DEVELOPMENT}

NOT AN EXPERIMENT
Full Description sent on Application.

\section*{Many}

\section*{Desirable}

\section*{Improvements}

NOTABLE AMONG THEM ARE:

New adjustment of Cylinder, improved spacing mechanism, lighter carriage, new ribbon movement, lighter touch, new envelope holder and paper guide,

AND MANY OTHERS

Dysmenorrheea.-
B Pulv. ipecac.
Ft. in pil. No. xii.
gr. iv,
Sig.: One pill every two or three hours.-Emmet.

Bx Pulv. camph . . . . . . . . . . gr. x. Pulv. doveri . . . . . . . . . gr. xx. Ex. hyoscyami . . . . . . . gr. x .
M. Ft. pil. No. x. Sig.: Two pills every two hours till pain ceases.-- Canada Lancet.

B Ex. cannab. indicæ ..... gr. \(1 / 4\)
Ex. belladonnæ . . . . . . . gr. 1/4.
Ol. theobrom . . . . . . . . . q. q.
M. Sig.: This is sufficient for one suppository; five such ones may be made. One suppository may be introduced every evening, commencing the fifth day before the menses. Journal de Médicine de Paris.

Rk Potass. brom.,
Chloral. hydrat...... āā 3 iv.
Syr. simp.,
Aquæ.................anā \(\mathrm{f}^{Z} \mathrm{ij}\).
M. Sig.: Use two tablespoonfuls per rectum as required for pain.Meniere.

B Ammon. brom ........ 3 ij .
Potass. brom.......... . 3 iv.
Spt. ammon. aromat. . . f 3 vj .
Aq. camphoræ...q.s. ad \(f 弓 \mathrm{zj}\).
M. Sig.: From desert to tablespoonful, well diluted, every two to four hours.

> B. Antipyrin .......... gr. xxv
> Cocain. muriat. ..... gr. iss.
> Aq. bullientis...... f \(Z \mathrm{ij}\).
M. Sig.: Ten to twenty minims hypodermically. (In neuralgic and congestive form.)-Meniere.

\section*{Merit Alone}

Has placed the DAISY
HOT WATER HEATERS
at the top.
Sales greatly exceed the combined output of all other Hot Water Heaters in Canada.

\section*{WARDEN KING \& SON.}

110 Adelaide St. W., TORONFO,
687 Craig St., MONTREAL.

\section*{The University of Trinity College, The University of Toronto, queen's University, The University of Manitoba; and specially recognized by the several Royal Colleges of Physicians and Surgeons in Great britain.}

\section*{The Winter Session of 1895-96 will commence on Monday, October 71h, 1895. FACULTY. \\ PROFESSORS.}

WALTER B. GEIKIE, M.D., C.M., D.C.L., F.R.C.S.E., L.R.C.P., Lond. ; Dean of the Faculty; Member of the Council of the College of Physicians and Surgeons of Ont.; Member of the Consulting Staff of the Toronto General Hospital.-Holyrood Villa, 52 Maitland Street.
Professor of Principles and Practice of Medicine.
J. ALGERNON TEMPLE, M.D., C.M., M.R.C.S., Eng. ; Gynaecologist to the Toronto General Hospital; Physician to the Burnside Lying-in Hospital.-205 Simcoe Street.
Professor of Obstetrics and Gynaecology.
THOMAS KIRKLAND, M.A., Principal of the Normal School, Toronto-432 Jarvis Street.
Professor of General Chemistry and Botany.
C. W. COVERNTON, M.D., C.M., M.R.C.S., Eng. ; Lic. Soc. Apoth., Lond.: ex-Chairman and Member of the Provincial Board of Health.
Emeritus Professor of Medical Jurisprudence and Toxicology.
FRED. LeM. GRASETT, M.D., C.M., Edin. Univ. ; F.R.C.S.E., M.R.C.S., Eng. ; Fell. Obstet, Soc., Edin.; Member of the Acting Surgical Staff of the Toronto General Hospital; Physician to the Burnside Lying-in Hospital; Member of the Consulting Staff of the Toronto Dispensary.-208 Simeoe Street.
Professor of Principles and Practice of Surgery, and of Clinical surgery.
W. T. STUART, M.D., C.M., Trin. Coll., and M.B., Univ. Tor; Professor of Chemistry, Dental College, To-ronto.-195 Spadina Avenue
Professor of Chemical and Analytical Chemistry
M.R.C.S Eng M, M.D., C.M., Fell. Trin. Med. Coll.; M.R.C.S., Eng.; Member of the Acting Staff of the Toronto General Hospital: Consulting Phys cian to the Victoria Hospital for Sick Children.- 314 Jaryis Street.
Professor of Physiology and Histology, and Lecturer on Olinical Medicine
G. STERLING RYERSON, M.D., C.M., L.R.C.P., L.R. C.S., Edin. ; Surgeon to the Eye and Ear Dept., Toronto General Hospital, and the Victoria Hospital for Sick Children. 60 College A venue.
Professor of Ophthalmology and Otology.

\section*{LECTURERS, DEMONSTRATORS,}
E. A SPILSBURY, M.D., C.M., Trin. Univ.; Surgeon to the Nose and Throat Department, Toronto General Hospital.-189 College Stre t.
Lecturer on Laryngology and Rhinology
ALLAN BAINES, M.D., C.M., Fell. Trin. Med. Coll. ; L.R.C.P., London; Physician, Out-door Department, Toronto General Hospital; Physician to the Victoria Hospital for Sick Children.-194 Simcoe Street.
A. Y SCOTT B. A. Tor Tniv
. Y. SCOTT, B.A., Tor. Univ. ; M.D., C.M., Trin. Univ. ; Prof. Chemistry, etc., Ontario College of Pharmacy. \({ }_{2}\) Lamport Avenue
D. J. GIBB WISHART, B.A., Tor Un, Univ. Aaboratory Work.
D. J. GIBB WISHART, B.A., Tor. Univ. ; M.D., C.M., L.R.C.P. London : Professor of Ophthalmology and Otology, Woman's Medical College; Surgeon, Eye and Ear Department, Hospital for Sick Children.-47 Grosvenor street.
Senior Demonstrator of Anatomy.
J. T. FOTHERINGHAM, B.A., Tor. Univ. ; M.D., C.M., Trin. Univ.; Physician, Out-door Department, Toronto General Hospital and the Hospital for Sick Children: Professor of Materia Medica, College of Pharmacy,-492 Yonge Street.

\section*{Clinical Medicine at Toronto General Hospital.}

LUKE TESKEY, M.D., C.M., M.R.C.S., Eng. ; Member of the Acting Surgical Staff of the Toronto General Hospital, Member of Staff, Hospital for Sick Children, and Professor of Oral Surgery, Dental College, Toronto.
-612 Spadina Ave. Professor of Anatomy, and Lecturer on Clinical Surgery.
JOHN L. DAVISON, B.A., Univ. Tor. ; M.D., C.M., M.R.C.S., Eng. Member of the Acting Staff of the Toronto General Hospital. \(\mathbf{- 1 2}\) Charles Street.
Professor of Therapeutios, and the Theory and Art of. Pre-
scribing, and Lecturer on Clinical Medine. scribing, and Lecturer on Clinical Medicine.
G. A. BINGHAM, M.D., O.M., Trin, Coll. ; M.B., Univ. Tor. ; Surgeon, Out-door Department, Toronto General Hospital: Surgeon to the Honpital for Sick Children. 64 Isabella Street.
Professor of Applied Anatomy and Lecturer on Clinical Surgery.
NEWTON ALBERT POWELL, M.D. C.M., Trin. Coll. ; M.D., Bellevue Hosp. Med. Coll., N. Y. : Lecturer on the Practice of Surgery, Women's Medical College. Toronto:Surgeon, Out-door Dept., Toronto General HospitaL.Cor. College and McCaul Streets.
Professor of Medical Jurisprudence and Toxicology, and. Lecturer on Surgical Appliances.
D. GILBERT GORDON, B.A.. Tor. Univ. ; M.D., O.M., Trin. Univ. ; L.R.C.S. \&P., Edin. ; L.F.P. \&S. Glasgow; Physician, Out-door Dept, Toronto General Hospital.646 Spadina Avenue.
Professor of Sanitary Science, and in charge of Microscopic Pathological Laboratory Work of the College at the General Hospital.
E. B. SHUTTLEW ORTH, Late Prineipal and Professor of Chemistry and Pharmacy, Ontario College of Phar-macy.- 220 Shertiourne Street.
Professor of Materia Medica and Pharmacy, etc.
H. B. ANDERSON, M.D., C.M., Fell. Trin. Med. Coll. ; Pathologist to Toronto General Hospital. - 233 Wellesley Street.
Professor of Pathology.

\section*{NSTRUCTORS AND ASSISTANTS.}
H. B. ANDERSON, M.D., C.M., Fell. Trin. Med, Coll. ; Pathologist to Toronto General Hospital. - 233 Wellesley Street.
Second Demonstrator of Anatomy and Demonstrator of Pathology.
D. ALBERT ROSE, M.D., C.M., Fell. Trin. Med, Coll. ; I.R.C.S. \& P., Edin. ; L.F.P. \& S., Glas. ; L.M., Edin. 50 Avenue Road.
C. A. TEMPLE, M.D., O.M., Fell. Trin. Med. Coll. -315 Spadina Avenue.
FREDERICK FENTON, M.D., C.M., Fell. Trin. Med. Coll.-Cor. Scollard and Yonge Streets,
A. H. GARRATT, M.D., C.M., Fell. Trin. Med. Coll.160 Bay Street.
HAROLD C. PARSONS, B.A., M.D., C.M.
Assistants in Practical Anatomy.
C. TROW, M.D., C.M., Trin. Univ. ; L.R.C.P., London ; Surgeon to the Eye and Ear Department of Toronto Geinal Lecturer on Diseases of the Es
Clinical Lecturer on Diseases of the Eye and Ear.
W. H. PEPLER, M.D., C.M., Fell. Trin. Med, Coll. \(s\) Assistant in Pathology

Cunical Teaching.- The Toronto General Hospital has a very large number of patients in the wards, who are visited daily by the medical officers in attendance. The attendance of out-door patients is also very large, and thus abundant oppor tunities are enjoyed by students for acquiring a familiar knowledge of Practical Medicine and surgery, including not merely major operations, Dut misor surgery of every kidd, ordinary Medical Practice, the treatment of Venereal Diseases and Skin Diseases, and the Diseases of Women and Children. The Burnside Lying-in-Hospital, amalgamated with the Toronto General
Hospital, has recently had the staff largely increased, and will afford special and valuable facilities for the stady of Practical Hospital, has Tecenty had the staff largely increased, and will afford speciai and valuable facilities for the study of Practical Midwifery. The Mercer Eye and Ear Infirmary is also amalgamated with the Toronto Genvenient for students attending its practice. The Mercer Eye and Ear Infirmary is also amalgamated with the Toronto General Hospital, and affords special

Daily clinical instruction in the spacious wards and Theatre of the Hospital will be given by members of the Hospital Staif on all interesting cases, Medide in the Hospital, by the respective mements have also been made for the delivery of daily clinics, out-door, in-door and bedsised. Feds ron THP Course
Fees for the Course.-The Fee for Anatemy, Surgery, Practice of Medicine, Obstetrics, Materia Medica, Physiology, General Chemistry, Clinical Medicine and Clinical Surgery, \(\$ 12\) each. Practical Anatomy, Practical Chemistry, Normal HisFee (payable once only), \(\$ 5\). Students are free in all the regular branch; Botany and Sanitary Science, \(\$ 5\) each; Registration Fee payable once onlyn, branch, fee, \(\$ 5\).
Diplomas, Fellowship, etc., will be given in the Annual Announcement, Scholarships, Certificates of Honor, Graduation,
W. B. GEIKIE, M.D., D.C.L., Dean, 62 Maitland Street.

Be \(\underset{\text { Ex. cannabis indicæ.... gr. iij. }}{\text { Sacch. lact. . .......... }}\)
Sacch. lact. . . . .
M. Et. ft. chart. No. vi. Sig.: One powder every two or three hours.H. C. Wood.

\section*{DySPEPSIA. -}
B. Strychnix sulphat. .... gr. j.

Acid. nitro-muriat. dil. . \(\mathrm{f}^{\mathrm{j}} \mathrm{j}\).
Tr . gentian. comp.,
Tr. cardamom. comp., āa \(f \bar{z}\) iss.
Liq. pepsinæ ....q.s. ad \(f \overline{3}\) iv.
M. Sig. : Teaspoonful after each meal.-Wood.

For Eczema. -
R. Salicylic acid

Zinc oxide
Powdered starch ............ .... Ziv.

Wool-fat cerate ........... \({ }_{3} \mathrm{j}\).
Make ointment, and apply. - The Practitioner (London).

\section*{DOWNS \& GORDES}
\(\qquad\)
TAILORS .
AND
. COLONIAL. OUTFITTERS

\section*{48 GUTTER LANE}

CHEAPSIDE, E.C.
-LONDON, ENG.

\section*{Niagara River Line}

\section*{CHANGE OF TIME}

\section*{THE 9 A.M. AND 3 P.M. TRIPS WILL BE DISCONTINUED}

CHICORA will take CIBOLA time, leaving Toronto 11 a.m., 4.55 p.m.

CHIPPEWA will leave at \(7 \mathrm{a} . \mathrm{m}\). and 2 p.m., as usual.

\section*{CECIL ELLIOTT}

Canada's coming Champion, a youth hardly 18 years old, who won his first race on May 24th, '95, won the

TWO-MILE PROVINCIAL CHAMPIONSHIP
on A

\section*{GENDRON RACER}

AND

\section*{BUCKEYE TIRES}

On July 12, at the Exhibition Track, the Two-Mile Handicap was won by Cecil Elliott, on a Gendron Racer, with A. H. Reid a close 2nd, on a Gendron Racer. There were about 25 contestants in this race, but, of course, could not win. They did not ride a Gendron Racer and Buckeye Tires. July 13th-Kingston Road 10 mile Record lowered by 34 seconds on a Gendron Racer, by R. E. McCall.
July ist, at Brampton, the Gendron Racer crossed the tape first SIX TIMES.
July 13 th, Island Track, I mile 2.40 class, was won by J. H. Gratz, on his Gendron Racer, with R. E. McCall, on his Gendron Racer, a close 2nd.
The same night the Gendron Wheel, ridden by R. E. McCall and J. H. Gratz, crossed the tape 1st three times; 2nd three times; 3rd twice.

\section*{The Gendron Wheels and Buekeye Tires}

Are winning 75 per cent. of all the principal events. Every intending racer should get one. All our racing wheels are aluminum finished.

Remember us before securing agency for season 1896 .
New styles will soon be ready.

\title{
CENDRON MANUFACTURING CO. LTD.
}

Weak Heart.-Dr. J. M. Da Costa (Univ. Med. Mag.) recognizes the following varieties of weak heart: That dependent upon degeneration of the cardiac muscles, especially the fatty heart. That connected with dilatation of the heart. That resulting from the action of certain poisons on the nervous mechanism of the heart. That due to an intrinsically weak muscle; and finally, that resulting from nervous exhaustion.

\section*{Conservative and Operative} Treatment of Pelvic Inflamma-TION.-Doleris (Nouv. Arch. d' Obstet. et de Gynec.) defends the conservative treatment of chronic pelvic inflammatory diseases. He insists that removal of appendages and hysterectomy are only justifiable in very
chronic cases. No active steps should be taken when painful or subacute parametritis is present. Operations should be undertaken soon after the catamenial period. Neurotic patients must be handled with caution. They show symptoms which mislead the observer, such as great pain with trifling lesions, or little pain when there is extensive disease. As to the alleged intolerance of a patient's system to prolonged therapeutical treatment, the surgeon, however conscientious, is apt to fear complications which are improbable in any one case, especially if the patient be kept out of harm's way by her medicaadviser. The patient herself is usul ally quite content to wait. Doleris believes that dilatation of the cervix, drainage, and the use of the curette
[Continued on page 26\%

\section*{GRACE HOSPITAL}

\section*{(Homœopathic)}

\section*{COLLEGE AND HURON STREETS, TORONTO}
 are permitted the attendance of any qualified practiexclusively to homceopathic treatment.

This Hospital, the only Homœopathic Institution in Canada, is situated in the most desirable portion of the city, accessible by street cars from every quarter, and capable of accommodating upwards of roo patients. The building is extremely bright and cheerful, steamheated throughout, and fitted with every modern convenience. To the west of the main building, and connected therewith, is a large residence which is used as a maternity ward.

All cases suitable for hospital treatment, both medical and surgical, are received, and private patients

\footnotetext{
BOARD OF TRUSTEES:-HIS HONOR JOSEPH E. MACDOUGALL. Chairman; EDWARD GURNEY, ESQ.; W. B. McMURRICH, ESQ.; \(j\). D. NASMITH, ESQ.; FRED. ROPER, Sec \(y\)-Treas., No. 2 Toronto Street, Toronto; MISS LOUISE BRENT, Superintendent; MISS F. E. SHANLY,
Secretary, Grace Hospital.
}

\section*{No Surgery, Dwelling or Apothecary Shop is in it}

UNLESS FITTED WITH A

\author{
HOT WATER or STEAM PLANT
} ….......

THE ACME OF COMFORT ATTAINED BY USING Sufforon Paielit Rauitrons

. . . The Paragon of Beauty and Efficiency . . .

MANUFACTURED ONLY BY

\section*{The Toronto Radiator Mfg. Co. Ltal. TORONTO, CANADA}

AGENTS:-Montreal, Que.; Quebec, Que.; St. John, N. B.; Hamilton, Ont.; Winnipeg, Man.; and Vancouver, B.C.
are sufficient to cure a majority of cases of chronic disease of the appendages which most authorities would doom to removal of the diseased organs. The precautions above given apply to this conservative as they do to operative treatment, Indeed, in one case cited by operators as an instance of the danger of the conservative method, the curette was used when posterior parametritis existed. Bad symptoms followed and the appendages were removed, and not till after the abdominal section did the patient die-Medical and Surgical Reporter.

Asafetida in Obstetrical and Gynacological Practice.-Warman (Therap. Monats.) lays stress on
the insufficiency of the remedies hitherto recommended in cases of abortion, pointing out that small doses of opium frequently disappoint, whereas large and repeated doses may prove injurious, both being of little value with patients subject to the the habit of aborting. The author was therefore readily disposed to employ asafetida, as first recommended by Italian obstetricians. It was usually administered in pills containing one and a half grain, though an enæma containing the tincture was soon preferred in cases of threatening abortion. The author found the drug most efficacious in reducing the hæmorrhage, which is prone to appear subsequently. Even with a very severe and alarming onset the first dose appeared to exert a most tranquillizing effect, and led to
[Continued on page 264

HOW TO READ WITH COMFORT AND PROFIT Holloway's Reading Stand and Dietionary Holder Combinesa Diction. ary Holdgr, Book Rest, Writing Table and Lamp
Holder. Holds books in any position for sitting or lying. down reading. A down reading. A grand educator,
makes reading a demakes reading a dethe Dictionary a pleasure. For the home or office. Thou sands in use. We
 also make a special Holder for the Century Dictionary. 82 discount allowed to Canadian buyers, from our regular prices, to offset custom house duties. Illustrated Catalogue free.
The Holloway Uo., Cuyahoga Falls, Ohio

\section*{READ THIS}

Hypodermic Syringe, Aseptic syringe, with oil chamber, cap on end to remove for inserting tablets, 2 needles, 2 vials for tablets, washers, wires for needles, all in red morocco case, lined with tan-colored calfskin, for 81.25 ; better style with finger rests, at \(\$ 1.50\)

Aseptic syringe, in aluminum case, with 4 bottles for tablets, finger rests on syringe, 2 needles, wires, etc., all fitted in a soft leather calfskin case with gilt clasp, for \$2.25. Parke, Davis \& Co's aluminum syringe for \(\$ 3.00\).

Money back if you want it
E. 1. MTPHELL, \(\begin{gathered}\text { Chemist and Optician, } \\ \text { Drug and Surgical }\end{gathered}\) Instruments
124 Princess St.. Kingston Ont.

\section*{CARRIAGES \\ CHAS. BROWN}

61 York St., - TORONTO
'Phone 123


\title{
McGill University, Montreal
}

\author{
Faculty of Medicine. Sixty-Third Session, 1895-96.
}

\section*{FACULTY.}

WILLIAM PETERSON, M.A., LL.D , Principal. ROBERT CRAIK, M.D., LL.D., Dean of the Faculty.

\section*{EMERITUS PROFESSORS.}

WILLIAM WRIGHT, M.D, L.R.C.S. ; DUNOAN C. MACCALLUM, M.D., M.R.O.S.E.

\section*{PROFESSORS.}

Robrrt Craik, M.D., LL.D., Professor of Hygiene.
Robrrt Craik, M.D., LL.D., Professor of Hy
G. P. Girdwood, M.D., M.R.C.S. (Eng.), Professor of Chemistry.
Thomas G. Roddick, M.D., Professor of Surgery.
Whllam Gardner, M. D. Professor of Gynzoology.
Francis J. shephkrd, M.D., M.R.C.S. (Eng.), Professor of Anatomy.
Frank Buller, M.D., M.R.C.S. (Eng.), Professor of Ophthalmology and Otology.
James Stewart, M.D., Professor of Medicine and Clinical Medicine.
Georas Whlins, M.D., M.R.C.S., Professor of Medical Jurisprudence and Lecturer on Histology.
D. P. Pknhallow, B.Sc., Professor of Botany.

Wesley Mills, M. A., M. D., L.R.C.P., Professor of Physiology.
J. C. Cambron, M.D., M.R.C.P.I., Professor of Midwifery and Diseases of Infancy.

Alexander D. Blackader, B.A., M.D., Professor of Pharmacology and Therapeutios.
R. F. Ruman, B.A., M.D., Professor of Practioal Chemistry and Registrar of the Faculty.
Jamps Beht, M.D., Professor of Clinical Surgery.
J. G. Adami, M. A. M. D., Cantab. Professor of Pathology and Director of the Museum.
H. S. Birketr, M.D., Protessor of Laryngology.
T. Jounson Alloway, M. D., Assistant Professor of Gynmcology.
F. G. Finley, M.D. (Lond.);, M.D. (McGili), Assistant Professor of Medicine and'Clinical Medicine.
Henry A. Laylebur, B. A., M.D., Assistant Professor of Medicine and Oínical Medicine.
Grorar E. Armstrone, M.D., Assistant Professor of Clinical Surgery.

\section*{LEOTURERS.}
T. J. W. Burgess, M.D., Lecturer in Mental Diseases. W. S. Morrow, M.D., Lecturer in Physiology.

Wyatt Johsstos, M.D., Lecture in Bacteriology and Medico-Legal Pathology.

\section*{DEMONSTRATORS AND ASSISTANT DEMONSTRATORS,}

Jous M. Elder, B.A., M.D., Senior Demonstrator of Anatomy.
J. G. McCarthy, M.D., Demonstrator of Anatomy.
D. J. Evans, M. D., Demonstrator of Obstetrics. N. D. GuNs, M.D., Demonstrator of Histology. R. O. Kirkpatrick, B.A., M.D., Demonstrator of Surgery. C. F. Martin, B.A., M.D., Demonstrator of Pathology. J. J. GardNER, M.D. Demonstrator of Ophthalmology. T. P. Shaw, M.D., Assistant Demonstrator of Clinical Chemistry.
G. Gordon Campbelit, B.Sc., M.D., Assistant Demonstrator of Medicine.
E. P. Williams, M.D., Assistant Demonstrator of Pathology, and Assistant Curator.
R. Tait MacKenzir, B.A., M.D., Assistant Demonstrator of Anatomy.
James A. Hexderson, M.D., Assistant Demonstrator of Anatomy.
W. E. Derks, B.A., M.D., Assistant Demonstrator of Anatomy.
J. W. Scank, M.D., Assistant Demonstrator of Physiology.
J. D. Cameron, M. D., Assistant Demonstrator of Physiology.
Kenneth Cameron, B.A., M.D., Assistant Demonstrator in Clinical Surgery.
C. G. L. WoLp, B.A., M.D., Assistant Demonstrator of Practical Chemistry.

The Collegiate course of the Faculty of Medicine of MoGill University begins in 1895, on Tuesday, September 24th, and will continue until the beginning of June, 1896.

The Primary subjects are taught, as far as possible, practically by individual instruction in the laboratories, and he final work by clinical instruction in the wards of the hospitals. Based on the Edinburgh model the instruction is chiefly bedside, and the student personally investigates and report for his degree to have acted as Clinical Clerk in of Clinical Medicine and Clinical Surgery. Each studeut is requred and to have presented reports acceptable to the the Medical and Surgical cases in Medicine and ten in Surgery.
Professors on at least ten cases in Medided during the last two years in extending the University buildings and About \(\$ 100,000\) have been expent departments for practical work.
The Faculty provides a Reading-Room for Students in connection with the Library, which contains over 15,000
volumes. MARICULATION. - The entrance examination of the Medical Boards of the different Provinces in Canada Mathe the University as equivalent to the Matriculation Examination which is held by it in the months of is accepted by tune and September.

UOURSES. - The regular course for the degree of M.D., C.M., is four sessions of about nine months each.
 proceed to the degrees of B.A., and M.D., C.M., within six years, the Primary subjects in Medicine, i.e., Anatomy, Physiology and Chemistry, being accepted as equivalent for Honour Natural Sciences of the third and fourth years of the Arts course. \(A\) COD COURSES. - The Laboratories of the University and the various Clinical and Patholcgical A labork in connection with Pathology, Physiology, Medical Chemistry, etc. A post-graduate course for practitioners will be established in the month of April, 1896 , and will last for a period of about six weeks.

HOSPI IALS. - The Royal Victoria, the Montreal General Hospital, and the Montreal Maternity Hospital are utilized for purposes of Clinical instruction. The physicians and surgeons connected with these are the Cliuical Professors of the University.

These two general hospitals have a capacity of 250 beds each, and upwards of 30,000 patients received treatment in the out-door department of the Montreal General Hospital alone last year.

For information, and the Annual Announcement, apply to
R. F. RUTTAN, B.A., M.D., Registrar,
a gradual separation of the ovum unattended by contractions. Several instances are described at length to illustrate this, but the material at the author's command is insufficient to warrant him in ascribing to asafetida prophylactic properties. It is otherwise where habitual abortion has existed, and a successful issue in a most obstinate case is described, five in all having been observed by the author.

To these patients the pills are administered, commencing with two per diem and increasing to ten, the number subsequently being again reduced. No unpleasant symptoms were produced, but, on the other hand, the action of the bowels was very much assisted, to which the author ascribes much of the success in those cases of what he terms "abortia habiturlis."British Medical Journal.

\section*{London Guarantee and agcident Co., LTD. FUNDS INVESTED \$1,167,530.00 \\ London, England \\ EROAD AND LIBERAL PO ICIES} Four cents per day will carry \(\$ 3,000\) for Accidental Death and \(\$ 15.00\) Weekly for Total Disablement. Forms obtained at any agency through.
out Canada, or at . . . . . . . . . . . . .

\section*{A. J. HUBBARD Chlef Agent}

CHIEF OFFICE: 75 Yonge Street, Toronto

\section*{SAUNDERS' \\ MEDICAL EXCHANGE \\ INCORPORATED}
(Late New York Medical Exchange)
Chaulcer building Madison avence and 43rd street, new York city UNDER THE DIRECTION OF MEMBERS OF THE MEDICAL PROFESSION

In addition to the Board of Directors there is an Advisory Board, composed of gentlemen of high standing in the profession, to whom all matters of dispute and complaint will be referred, and whose decision will be binding on the Exchange.

MEDICAL PRACTICES transferred. Locations obtained for physicians. Valuations and investigations undertaken. Trustworthy and efficient assistants and substitutes supplied at short notice.

GENERAL COMMISSION AGENCY for the sale and purchase of everything that pertains to the medical profession. All purchases of instruments and medical appliances will be made through specialists.

REAL ESTATE bought and sold. Care of estates undertaken. Lists of apart ments and houses for physicians always on view.

GENERAL INSURANCE brokerage.

\title{

} 97 YONGE STREET, TORONTO.

\section*{Furniture}

FOR THE

\section*{HOME}

OFFICE
AND
HOSPITAL
* *

\section*{Furniture Manufacturers and Upholsterers}

\section*{Western Pennsyl|vania}

\section*{Medical College}

\section*{PITTSBURG, PENN., 1895-96.}

MEDICAL DEPARTMENT OF THE WESTERN UNIVERSITY OF PENNSYLVANIA

The Regular Session begins on the third Tuesday of September, 1895, and continues six months. During this session, in addition to four didactic lectures, two or three hours are daily allotted to lectures, twstruction. Attendance upon four reguclinical instruction. lar courses of lectures is requisite for graduation. years required from Oct., 1895. The Spring Sesyears embraces recitations, clinical lectures and exercises, and didactic lectures on special subjects. This Session begins the second Tuesday in April, 1896, and continues ten weeks.
April, 1896, and continues ten weeks. year for instruction in Chemistry, Microscopy, practical demonstrations in Medical and Surgical practhology, and lessons in Normal Histology. Special importance attaches to "the superior clinical cial importance attages possessed by this College."
For particulars see Annual Announcement and Catalogue, for which address the Secretary of Faculty,

PROF. T. M. T. McKENNAN,
810 Penn Ave.
Business Correspondence should be addressed to PROF. W. J. ASDALE,

Ellsworth Ave., Pittsburg.

\section*{GHEIICHIL LABORTTORY}

\section*{DR. A. R. PYNE}

26 I Gerrard St. East, Toronto, Ont., is prepared to analyze all specimens of Water, Milk and Urine for the profession and public.

Water, Milk, and Urine qualitatively,
each, - - - - \(\$ 2.00\).
Milk, quantitatively - - - 2.00 .
Water and Urine, quantitatively, each - 5.00.

Special attention given to the examination of urine for insurance companies.

Circulars of Instruction, with respect to how samples should be procured, will be furnished on application.

\section*{A. R. PYNE, M.B.}

University of Toronto. Member of the College of Physicians and Surgeons of Ontario; Member of the Faculty of the Woman's Medical College, Toronto, and Lecturer on Practical Chemistry; Licentiate of the University of the State of New York and Albany; Dominion Analyst (by examination).


\section*{THE SANITARIUM,}

BATTLE CREEK, MICHIGAN "dieting," "baths," "physical training," and all that pertains 10 modern rational medical treatment monstion moments," perfection at reasonable prices. Special attention given to the treatment of chronic disorders of the stome can be had in peculiar to women. A special Hospital Building ( 100 Beds) for surgical cases. with finest hospital for stomach and diseases L rge Fan for Winter and Summer Ventilation. Absolutely Devoid of Usual Hospital Odors. Dacilit es and appliances.

PURE GLUTEN The undersigned have for several years been
BISCUIT. We are now prepared to furnish to the medical profession ting a pure glu'en for a few physicians. tured in America. For Samples and Prices address SANITARIUM HEALTH FOOD CO., Battle Creek. Mich



\section*{THE \\ WHITEIY EXERMEER \\ In Ideal Gymnasiam}

FOR HOME OR
TRAVELLING USE

Style I., Brass, . . \(\$ 400\)
Style II., Nickel,

Sole Canadian Agents

\section*{THE GRIFFITHS COPPPORTION}

81 YONGE STREET
Toronto, Can.

\section*{JaCKSON SANATORIUM}

\section*{Dansville - Livingston Co. - New York}

and malaria. Thorough drainage and sewerage systems. Delightful walks and drives,
Elegant (brick and iron) fire-proof main building and twelve cottages, steam heated and designed to meet every requirement of invalids or seekers of rest and quiet.

Extensive apartments for treatment arranged for individual privacy. All forms of fresh and salt water baths, Electricity, Massage, Swedish Movements, Inunction, etc., scientifically administered.

\section*{SUPERIOR CUISINE UNDER SUPERVISION OF MRS.} EMMA P. EWING, OF CHAUTAUQUA COOKING SCHOOL
Especial provision for quiet and rest, also for recreation, amusement and regular out-door life.

Freedom from the taxations of fashionable life, and from the excitements and temptations of popular resorts.

Electric Bells, Safety Elevator, Open Fires, Library, Daily Papers, and every appliance for comfort, health and good cheer.

On line of Del. Lack. \& Western R.R., between New York and Buffalo without change.

For Illustrated Pamphlet and other information address,

\section*{BICYCLES}
"

\section*{Hyslop, Son \\ \& McBurney}
. . . MANUFACTLRERS OF THE . . .

\section*{HYSLOP WHEEL}

\author{
 \\ CELEBRATED \\  \\ Whitworth + Rudge Royal Mail .... AND .... \\ Crescent Bicycles \\ antantira \\ 13 FRONT STREET WEST TORONTO
}

\section*{}

MANUFACTURERS OF

\section*{The Harvard Physicians' and Surgeons' Chairs,}

Case, Dental Chair and Instrument Cabinets. instrument cabinet.

The Large number of Instruments required by a Physician renders an Instrument Cabinet a necessity.

Write for particulars and Illustrated Catalogue. Address :

\section*{16 SHEPPARD STREET, TORONTO, ONT.} \(\Rightarrow+*\) PRICES IN OAK:
Stylo 2To. 103, with Panoi Door - . . . . . \(\$ 2200\) Stylo No. 105, with Plain Class Door - - - - 1200 Stylo 2io. 107, with Froach Plato Glass Door - . . . 4500 Stylo No. 109, with Fronch Bovol Plato Mirror Door - . . 1000 Walnut, Cherry, Nataral or Mahogany finish, In addition to abovo pricos -300 Eoll Front, Modicino Tors, in any of abovo woods, oztra - 1000 Boring



The Harvard in the upright position with head rest folded back.

There are nearly 10,000 now in use. Address all communications to the HARVARD CO., 16 SMEPPARD STREET, TORONTO, ONT.

\section*{Home Office:-Canton, Ohio.}

Foreign Offices :
Braunton Mansions, No. 15 Rosebery Avenue, Clerkenwell Road, London, E.C., England.

28-30 Market Street, Melbourne. Australia.

\title{
Canadian Medical Practice Offige.
}

\section*{condicted for the convenience and protection of tie profession}

\section*{For the Purchase and Sale of Practices, the Purchase and Sale of Suitable Propert es, the Arrangement of Partnerships, Securing Eligible Openings, Assistants, Locum tenens, and Office Students. ail Transactions and Communications Strictly Confidential.}

\section*{PRACTICES}

\section*{No. 1.}

A Physician in Toronto, whose practice to successor a month's introduction for \(\$ 600\). Several appointments netting much cash can be transferred. A splendid opening for anyone contemplating coming to
Toronto. Toronto.

\section*{No. 2.}
\$1,800 practice in rural district; no pay ; price, 8400 ; happosition

\section*{No. 3.}

AA Fine Opening is offered to a Doctor to the stacate in Toronto, and do a paying business from connecrt, by purchasing a Drug Store, which has in Telephone with it a salary of over 8300 per year from the Telephone Co. The business will clear \(\$ 100\) per month,
and it is the least opposed district in the gity. It is a and it is the least opposed district
snap- 82,000 buys it out complete.

\section*{No. 4.}
\(\$ 1,500\) growing practice in booming town of 2,000 population, in County of Waterloo ; only two opposing confreres; a fine opening at small price ; only value of good-will asked. Price \(\$ 500\).

\section*{No. 5 .}
\(\oiint 2,000\) practice in City of Hamilton tablished six years; no realty to buy. This opening is worth investigating.

\section*{No. 6.}
\(\$ 1,500\) rural cash practice in County equipment and introduction, is offered for 8500 ; suitable for an unmarried Catholic only; no opposition.

\section*{No. 7.}
\(\$ 4,000\) established eash practice and corner. Toronto, with introdme, detached, on prominent corner, Toronto, with introduction, is offered for immediate sale for \(\$ 8,000\). The doctor has refused, on two occasions, \(\$ 10,000\) cash for his home alone previously. This is a safe investment in realty, and for a physician is a snap. Terms arranged at time of sale.

\section*{No. 8.}
\(\$ 2,500\) to 83,000 unopposed practice miles south west in village of 500 population, seventy miles south-west of Winnipeg, to purchaser of the doctor's home built three years ago; specially arranged for medical work; every convenience; over 85 per cent. of the work is collectible; one month's introduction. The doctor has inherited property in the East, and must go. Price \(\$ 2,500\), about one-third cash required. This is less than property
cost, but a speedy sale is desired.

\section*{FOR SALE.}

No. 9.

\section*{\(\$ 3,000\) to \(\$ 4,000\) increasing practice} fine home and good long introduction, is offered at 81,000 , much less than property alone is worth; only one-fourth much less than property alone is worth; only
cash required, spot; this cannot be excelled.

\section*{No. 10.}
\(\$ 3,000\) to \(\$ 4,000\) unopposed rural and thorough introdactice, with fine solid brick house for less than introduction; large territory; No, 1 pay隹 Toronto practices in Ontario, and within forty miles of Toronto ; price 84,200 , half cash; enquire.

\section*{No. 11.}
\(\$ 3,000\) to 84,000 , with magnificent village, County of Wellington: apposition; in incorporated per year ; thorough inington; appointments over \(\$ 300\) \(\$ 5,000\), one-third cash. ,

No. 12.
\(\$ 3,000\) or more in County of Middlesex; one opposition; small village; full introduction ; good pay; thickly settled; good house, introduction ; good pay; thickly settled; good house, forces the doctor to retire; a splendid opportunity; appointments about \(\$ 300\) per year.

\section*{No. 13.}
\(\$ 3,000\) cash practice and the finest home in Western Ontario, with full introduction; village, 1,500 ; two opposition ; price 86,000 , one-third cash ; this is below cost of property alone ; will exchange for city property.

\section*{No. 14.}
\(\$ 1,500\) practice in village of 300 , ment ; good-will, with splendid road and office equipbalance on note ; one opposition; County of Carlton.

\section*{No. 15.}

A CASH practice of \(\$ 100\) per month in A village of 600 population; one per month in will, introduction, horse, cutter, buggy, harness, sitting, bedroom, and office furniture and carpets, medicines, etc. is offered for \(\$ 500, \$ 250\) eash, balance on note ; County of Brant.

\section*{No. 16.}
\(\$ 5,000\) practice and lovely home in Toronto; one-half interest in practice for one year is offered ; price 86,000 , \(\$ 2,000\) cash; easy terms for balance.

Applicants for practices will please state their ages, if married or single, quailfications, when and where graduated, religious persuasion, politics, financial ability, and when ready to change. Possession of the above data saves much time.

Several cash buyers want practices of from \(\$ 2,000\) to \(\$ 3,000\) a year at once.
WANTED.-A good practice, at once, in Nova Scotia.
A Physician, age 35, wishes a partnership in a large town or city practice, and will pay liberally
A Physician, who is a Catholic, wants good opening, or would buy a partnership.
\(\$ 30\) will buy a Fine Mieroscope, the property of a gentleman who has no use for it; Zeiss
air Letters must be direct from medical practitioners interested, and must enclose stamp for reply,
vise they will remain unnoticed. otherwise they will remain unnoticed.

\section*{Address - \\ DR. W. E. HAMILL,}

ROOM 11, Janes BUILDING,
N. E. Corner King and Yonge Streets, TORONTO.```


[^0]:    NotE.-The above cut was made from a photograph of Prof. Jacoby while performing on a tight rope. He is balancing entirely on his artificial leg, his natural foot is off the rope and is in the act of passing forward to take the next step.

[^1]:    In all our medications, the percentage is based upon the weight of the finished pro luet. Send for our new descriptive Catalogue. Our manufactures should be easily obtained from any druggist, but always spaclify Seabary's. If you have any difficulty in obtaining genuine goods, send direct to F. C. JOHNSON, 13 St. John St., Montreal, Que., Canadian Depot of

[^2]:    Order direct, or from the following firms who frold our products :
    Lyman Bros. \& Co. Ltd., Toronto, Ont. ; W. R. Inman \& Co., Winnipeg, Man. ; Smith \& Kennedy ; Seattle, Wash., U.S.A.; Redington \& Co., San Francisco, Cal. ; Noyes Bros. \& Cutler, St. Paal, Minn. ; Robinson Drug Co., Racine, Wis.; Lord, Owen \& Co., Chicago, 1ll. ; Farrand, Williams \& Clark, Detroit, Mich. ; C. J. Countie \& Co., 29 Charles Street, Boston, Mass.

[^3]:    I have presoribed your Savaresse's Capsules of Copaiba, aloo of Sandae Wood, and And thesem most sotides of Cory. I have given thom an axterded trial and and quate pleased to every case with the result 1 shall continue to presoribe of the atommoth, bowels or kidneys.

    Tromes BaLi, L.E.C.P., L.B.A.

[^4]:    "Atter repeated chemical analyses of the Wines made by Robert Bradford, of No. 595 Parliament St., Toronto, I do not hesitate to pronounce them to be unsurpassed by any of the native Wines that have come under my obser. vation.
    "Analyses show them to contain liberal amounts of the ethereal and saline elements, sugar and tannic acid, etc., characteristio of true Wines, and which modity materi: ally the effects which would be produced by alcohol alone.
    "Retaining to a high degree the natural flavor of the grape, they serve the purpose of a pleasant table Wine ae well as that of a most valuable medicinal Wine.
    "CHAS. F. HEEBNER, Ph. G. Phm. B.
    "Dean and Professor of Pharmacy.
    "Ontario College of Pharmacy."
    I respectfully call the attention of Physicians to my Wine for Invalids' use.

    ## R. BRADFORD

    695 Parliament Street, - torowito, oxtario.

[^5]:    A Private Hospital for Diseases of the Nervous System (both sexes), Surgical and other diseases of wom n,
    natism, Incipient Phthisis, etc. Rheumatism, Incipient Phthisis, etc.

