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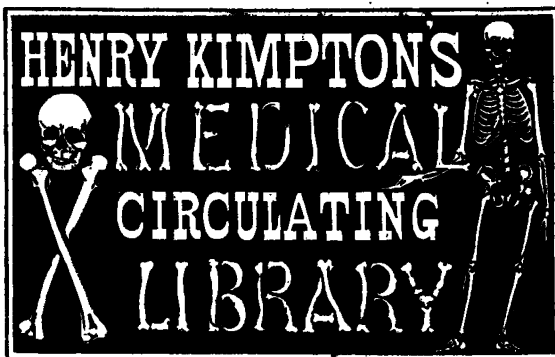
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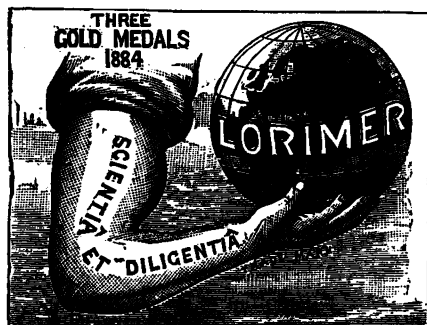
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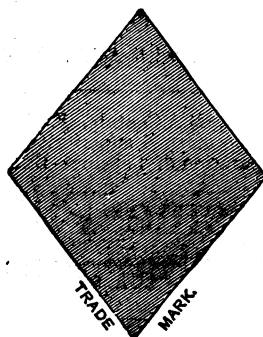
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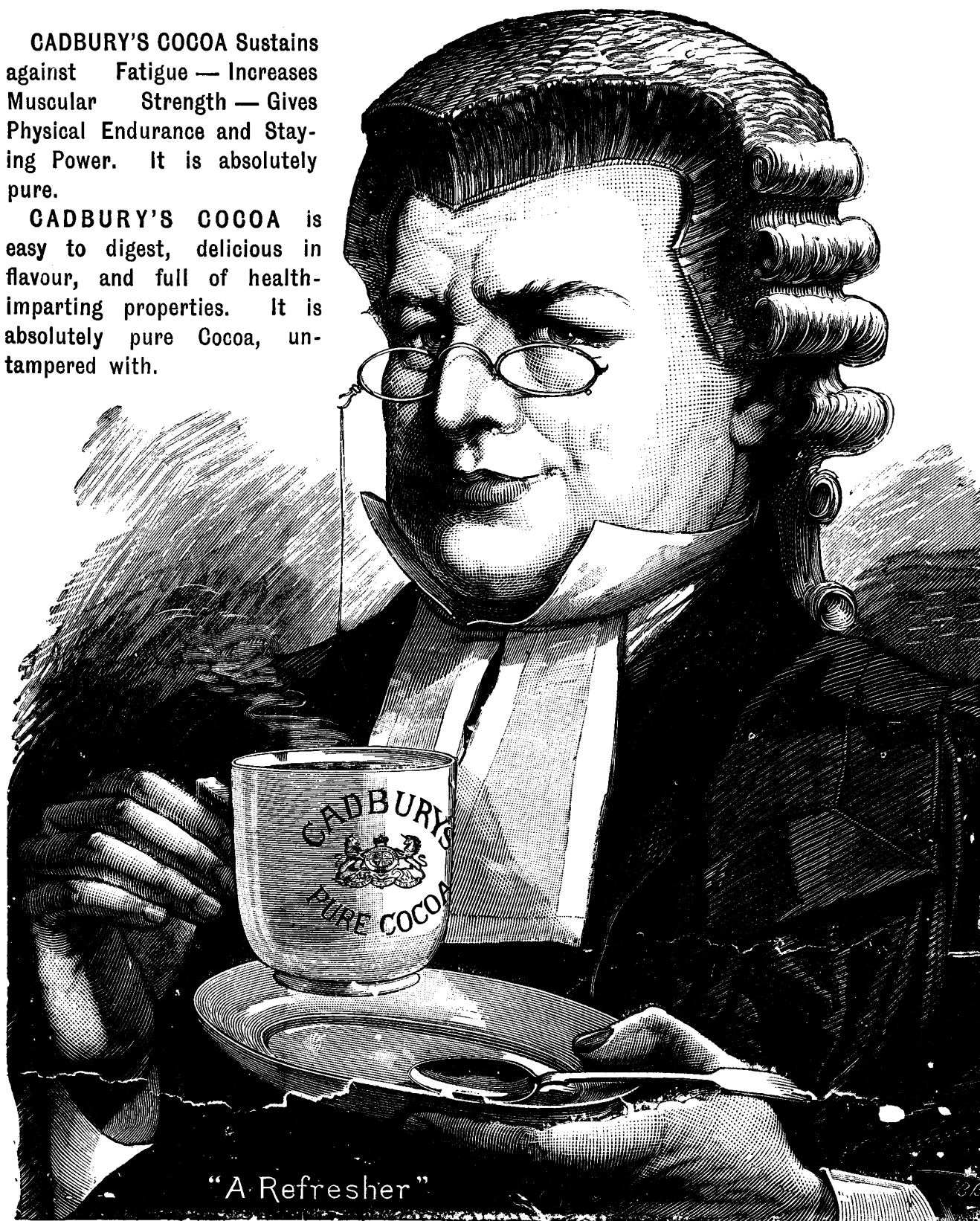
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 Still maintains its character as the only reliable preparation of Ergot. Each fluid drachm corresponds in strength and efficacy to one drachm of the fresh Powder.

See that these preparations bear our name.

CURTIS & COMPANY, 48, Baker Street, Portman Square, London, W.

"One of the certainties in Medicine, and in this respect LACTOPEPTINE ranks with quinine."—Prof. YANDELL.

LACTOPEPTINE,

For Diseases of the Stomach.



The most important remedy ever introduced to the Medical Profession for Dyspepsia and kindred Diseases.

It is conclusively ascertained that LACTOPEPTINE will bring about the Digestion of food in a manner perfectly identical to that obtained under the influence of the natural gastric juice.

From "RETROSPECT OF PRACTICAL MEDICINE AND SURGERY," July, 1877.

"A glance at the formula of LACTOPEPTINE would convince even the most sceptical of the valuable results that must ensue through its administration. It is a combination of all the digestive agents, consequently can never be administered without giving the utmost satisfaction."

The extended use and adoption of LACTOPEPTINE by the MEDICAL PROFESSION affords indisputable evidence that its therapeutic value has been thoroughly established in cases of Indigestion, Dyspepsia, Loss of Appetite, Impoverished Blood, General Debility, Intestinal and Wasting Diseases of Children, Chronic Diarrhoea, Constipation, Vomiting in Pregnancy, Headache, Nausea, and all Diseases arising from imperfect nutrition.

Lactopeptine is always uniform, its effects are specific, and no one has ever been able to imitate its digestive value. If you do not obtain positive results when you prescribe Lactopeptine, you can be sure that some substitution has been made, and in such cases it may be necessary for the physician to prescribe Lactopeptine in the original ounce package, to ensure certainty of obtaining the genuine article. We can confidently make this assertion, knowing the scrupulous uniformity in digestive value of every ounce of Lactopeptine.

PRICE OF LACTOPEPTINE POWDER.

One ounce, 4s. 6d.; Quarter-pound (4 oz.) Dispensing Bottle, 14s.; Half-pound (8 oz.) Dispensing Bottle, 27s.

JOHN M. RICHARDS,

Sole Manufacturer of Lactopeptine;

Laboratory: 48 HOLBORN VIADUCT, LONDON, E.C.

FRY'S Pure Concentrated Cocoa



This choice preparation of Cocoa is exceedingly soluble and easily digested. It makes a most delightful beverage for Breakfast or Supper.

Lancet.—"Pure, and very soluble."

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Sir C. A. Cameron, M.D.—"I have never tasted Cocoa that I like so well."
President of Royal College of Surgeons, Ireland.

W. H. R. Stanley, M.D.—"It is the drink *par excellence* for Children."

A large number of Testimonials, approving in the highest terms of this article, have been received from the medical faculty, who state that they have not only adopted it for family use, but have also recommended it in many cases to their patients.

Apply for Samples and Copy of Testimonials to the Manufacturers.

Half a teaspoonful is sufficient to make a cup of most delicious Cocoa.

TO SECURE THIS ARTICLE ASK FOR

"FRY'S PURE CONCENTRATED COCOA."

40 PRIZE MEDALS AWARDED TO

J. S. FRY & SONS, BRISTOL, LONDON, & SYDNEY, N.S.W.

HUBBUCK'S PURE OXIDE OF ZINC.



HUBBUCK'S PURE OXIDE is made by sublimation; and is warranted to contain upwards of 99 per cent. of Pure Oxide; in fact, the impurities are not traceable.

Sold by the following Wholesale Druggists, in Boxes of 7 lbs. and 14 lbs., stamped by the Manufacturers; also in 1 lb. boxes and 1 lb. glass bottles:—

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The Manufacturers supply, Wholesale only, in quantities of not less than a quarter of a Ton.

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Manufacturers of White Lead, White Zinc, Paints, Oils, and Varnishes.

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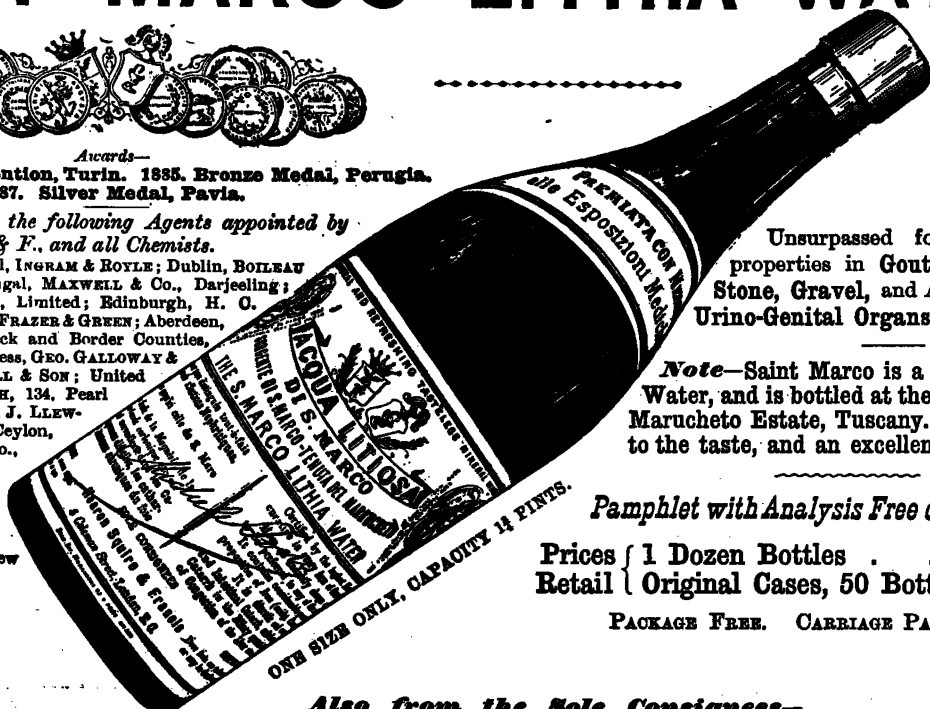


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To be obtained from the following Agents appointed by
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Unsurpassed for its curative properties in Gout, Rheumatism, Stone, Gravel, and Affections of the Urino-Genital Organs.

Note—Saint Marco is a Natural Lithia Water, and is bottled at the Springs on the Marucheto Estate, Tuscany. It is pleasant to the taste, and an excellent Table Water.

Pamphlet with Analysis Free on application.

Prices { 1 Dozen Bottles 15s.
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PACKAGE FREE. CARRIAGE PAID.

Also from the Sole Consignees—

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PREPARATIONS OF MALT

AND OTHER

DIGESTIVE FERMENTS.

BYNIN: LIQUID MALT.

(Prepared in vacuo.)

A concentrated Liquid Extract of Malt, rich in diastasic power and possessing to the full the nutritive and strengthening properties of the best malted barley. A powerful aid in the digestion of all farinaceous foods. Bynin supersedes all other forms of malt extract in that it keeps indefinitely without change of any kind, and is far pleasanter to take than the ordinary preparations.

BYNO-PANCREATIN.

This is Bynin in combination with the digestive ferment of the pancreas. The energy of its action on amylaceous articles is remarkable, and it possesses the great advantage of keeping indefinitely without change.

It answers admirably for the preparation of peptonized foods; and is of great value in aiding the digestion of farinaceous foods.

BYNO-PEPSIN.

This is Bynin in combination with Pepsin. It thus affords, in a highly active and agreeable form, the agents required for the digestion of both animal and farinaceous food. It keeps thoroughly well.

BYNOL (The "Perfected" Malt and Oil).

A perfect combination of ALLEN & HANBURY'S MALT EXTRACT with their well-known COD LIVER OIL, forming a most valuable nutrient and restorative, the characteristic taste of the oil being scarcely distinguishable.

It is not only a readily assimilated food in itself, but it also powerfully aids the digestion of other foods.

BYNO-PHOSPHATES. Malted Chemical Food.

A modification of the well-known Parrish's Chemical Food, the sugar of the ordinary preparations being replaced by the valuable flesh-forming nutritive and digestive constituents of Bynin (Liquid Malt).

It contains in solution the Phosphates of Iron, Lime, Potash and Soda.

BYNO-HYPOPHOSPHITES.

A neutral solution of the Hypophosphites of Iron, Lime, Potash, and Manganese, and the Alkaloids of Cinchona and Nux Vomica, in combination with Malt Extract.

This LIQUID preparation of Malt with Hypophosphites will be found superior to the various Syrups of the Hypophosphites, inasmuch as the sugar contained in them is replaced by the nutritive constituents of Bynin (Liquid Malt). It possesses to the full the nerve tonic action characteristic of the Hypophosphites, whilst the diastase of the Malt promotes the digestion of other foods.

MALT EXTRACT.

(Prepared in vacuo.)

Rich in diastase and in muscle and fat-forming elements. As a nutritive and restorative agent for delicate and exhausted constitutions, it is admirably adapted for consumptive cases, and for convalescents from fever and other diseases. It promotes the digestion of farinaceous foods, and is therefore valuable in cases of difficult or imperfect assimilation of these substances.

MALTED INFANTS' FOOD.

ALLEN & HANBURY'S INFANTS' FOOD, when mixed with Milk, according to the directions, forms a perfect food, easily assimilated, and free from the many drawbacks of the ordinary farinaceous foods. From the action of the diastase present, it prevents the aggregation of the caseine of the milk into hard lumps and so promotes its ready assimilation by the digestive organs of the infant.

It should be tried in all cases of Diarrhoea and Sickness, or where the use of other foods has not proved entirely satisfactory, as ample testimony shows that it can be retained and affords sustenance to the child when the ordinary infants' foods are rejected.

Manufactured by ALLEN & HANBURY'S,
PLOUGH COURT, LOMBARD STREET, LONDON.



LONDON, 1884.

BENGER'S FOOD.

(Registered.)



ADELAIDE, 1887.

For INFANTS, CHILDREN & INVALIDS.

GOLD MEDAL AWARDED, HEALTH EXHIBITION, LONDON, 1884.
HIGHEST AWARD, INTERNATIONAL EXHIBITION, ADELAIDE, 1887.
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MEDICAL OPINIONS.

"Mr. Benger's admirable preparations."—THE LANCET, March 25th, 1882.

"Deserving of the highest praise, and only require to be made known to the profession to ensure their extensive employment."—THE PRACTITIONER, February, 1883.

"Few modern improvements in Pharmacy have done so much as Benger's Preparations to assist the Physician in his treatment of the sick."—THE MEDICAL PRESS, June 13th, 1883.

"Benger's Preparations have deservedly a very high reputation, and are all largely used."—THE MEDICAL TIMES AND GAZETTE, September 8th, 1883.

"Benger's Food is a preparation devised on original lines, and which we can speak of in the highest terms. . . . Infants do remarkably well on it, and it is most suitable for many conditions in adults and old people. . . . There is certainly a great future before it."—THE ILLUSTRATED MEDICAL NEWS, December 22nd, 1888.

"Undoubtedly a great advance on any previous attempt in this direction. It is palatable and excellent in every way. We have given it in very many cases with the most marked benefit, patients frequently retaining it after every other food had been rejected. For children who throw up their food in curdled masses it is invaluable."—THE LONDON MEDICAL RECORD, March 15th, 1882.

NOTICE TO THE MEDICAL PROFESSION.

BENGER'S FOOD consists of a specially finely ground nitrogenous wheaten meal, cooked, and impregnated with a suitable proportion of the natural digestive principles of the pancreas. When mixed with warm milk or milk and water, as directed on each tin, these digestive principles not only render the starchy matter soluble (as in malted foods), but, further, reduce the casein of the milk to the same digestible condition in which it exists in human milk, so that hard indigestible masses of curd cannot be formed in the stomach. In no other food has this result been attained. It forms a delicate cream entirely free from rough and irritating particles, but rich in all the elements necessary to maintain vigorous health. It can be taken when other Foods disagree.

EXTRACTS FROM PRIVATE LETTERS.

"The infant was very delicate, and our medical adviser ordered your food. The result in a short time was wonderful; the little fellow grew strong and fat, and is now in a thriving condition—in fact, the 'flower of the flock.'"

"I am pleased to say that when every form of diet failed we were able to give BENGER'S FOOD, and to see our children gain rapidly and permanently."

"My last little boy was fed entirely upon it from birth, and a healthier child it would be difficult to find. My wife sounds the praise of BENGER'S FOOD everywhere."

BENGER'S FOOD may be obtained in tins at 1s. 6d., 2s. 6d., and 5s. each of Chemists, etc., everywhere, or by Parcel Post direct from the Manufacturers,
MOTTERSHEAD & Co. (S. Paine & F. B. Benger), Pharmaceutical Chemists,
7, EXCHANGE STREET, and OTTER WORKS, MANCHESTER.

“VINOLIA.”

DANGERS IN SKIN DISEASES.

ASIDE from perspiring and the secreting of an oily substance, the skin of course performs other functions, prominent among which is the power of breathing. Life has been compared to a slow fire, for which the food we eat serves as fuel. If the breathing is impeded, oxidation cannot go on perfectly, and the fire wanes or goes out. A very good example of the activity of the skin in batrachians is seen when the lungs of a frog have been destroyed, in which case it will live for several days, the gases being absorbed and emitted by the integumentary covering. Among the invertebrata the skin is equally active, whether the animal possess breathing organs or not. The experiment is well-known of placing the body in an air-tight chamber, fitting closely round the neck, and finding after a while that all the oxygen in the chamber has been used up and carbonic acid has taken its place. It is superfluous to add that this is precisely what would have occurred had the head and not the body been put in the chamber. “A striking illustration used to be quoted, as evidencing the importance of this function: that of a child who, being selected to represent an angel at the coronation ceremony of Pope Leo X., was coated with gum and then covered with gold leaf, and who survived the operation but a few hours. . . . Animals varnished or coated with paint die very speedily.”—MORRIS.

When the skin performs its work with difficulty eruptions are prone to appear, and when it is all but completely inactive eruptions upon it often disappear *pro tem*. In scarlet fever, measles, &c., if a child catch cold, the rash may disappear, and with the reappearance of the eruption the child improve. But it does not therefore logically follow that the return of the rash produced the improvement any more than that its oncome produced the cold. The following, from Dr. LIVING'S little book on Skin Diseases, is to the point:—“It often happens that an infant or an elderly person in apparently good health, but suffering from eczema, has a sudden attack of bronchitis, diarrhoea, or some other internal inflammation; coincidently with this attack all the eczema disappears, but as soon as the bronchitis or diarrhoea has passed away the eczema reappears. What can be more natural on the part of the public than to suppose that the doctor has driven in the eczema and produced the internal mischief? The fact, of course, is that the internal disturbance really precedes the disappearance of the eczema; but the one follows so closely on the other that an erroneous conclusion is easily formed.” In this direction, too, we find an explanation of the popular conception that the rapid cure of skin disease is dangerous. Upon this point HEBRA says (vol. ii., p. 140): “Now, I am unfortunately obliged to confess my ignorance of any remedy that can produce such a sudden and rapid cure; indeed, I can only repeat what I said in the year 1846, ‘that it has been my most ardent wish, the stimulus of all my studies, to cure chronic cutaneous diseases as quickly as possible, and yet to my most sincere sorrow I have never succeeded, in spite of the use of all possible means, internal and external, in curing such a disease suddenly or even quickly,’ and while my experience since has only confirmed this, it is particularly true in the case of eczema.”

We have never claimed that “VINOLIA” will surely and quickly cure Eczema. What we have done has been to produce evidence that it has proved efficacious in an exceptionally large number of cases, and has relieved Pruritus, Insect Bites, and the pain of Piles, Erysipelas, &c., as soon as applied. Its superiority is due simply to the fact that it is scientifically prepared, and is a bland stable cold cream. Stimulant remedies may be added to it if required.

“VINOLIA” CREAM, 1s. 9d. and 6s. box; “VINOLIA” SOAP (Toilet), 2s. 6d. box 3 Tablets; “VINOLIA” SOAP (Medical), 2s. box 3 Tablets.

Agents for Blondeau & Cie.: ROBERTS & CO., 76, New Bond Street, London; and 5, Rue de la Paix, Paris.

"VINOLIA"

SOAP.

CONTAINS FREE FAT INSTEAD OF FREE ALKALIES.

From the "ILLUSTRATED MEDICAL NEWS."

"It is well known that the use of some soaps, owing to the excess of alkali they contain, does not agree with many skins, more especially in infancy, in females, and when they are irritated or inflamed. It was a decidedly happy idea to incorporate cream in 'Vinolia' Soap, and the result is a decided success, as we can testify from a prolonged trial of the article. The great feature of 'Vinolia' Soap is that it contains, instead of some free alkali, an excess of the plastic emollient cream, and thus embodies the principle introduced in recent years of a superfatted soap; consequently it is beautifully emollient and softening to the skin, and most soothing in many slightly inflamed conditions. Everyone knows for instance, what a difficult problem it is to cleanse inflamed skin on the hands without setting up irritation. It lathers well, and altogether is most agreeable. For those who are interested in the subject of shaving, we add, try 'Vinolia' Soap."

From the "LONDON MEDICAL RECORDER."

"'Vinolia' Soap may be used even for the most irritable skin without the risk of producing excoriation, etc. It is highly spoken of by leading authorities for skin affections and tender skins."

From the "HOSPITAL GAZETTE."

"Medical men often have occasion to forbid the use of soap in certain irritable conditions of the skin on account of the damage inflicted on sensitive tissues. It is obvious that, however necessary, the inability to use soap entails considerable discomfort, and one is therefore disposed to welcome a product in which the primary source of the irritation—the excess of caustic alkali—has been overcome by a special process of manufacture. We have tried 'Vinolia' Soap and can certify that it is bland and unirritating, even to the most delicate skin. The alkali in the soap being neutralised by an adequate provision of fatty base, it does not deprive the skin of its natural fat, but acts rather as a lubricant, leaving it soft and pliable. We may observe in parenthesis that it is altogether a false economy to employ an inferior product. Apart from the medical aspect of the question it should be borne in mind that hard, well milled soaps, in which the proper proportions of the various components have been carefully provided, latter better and last longer than products in the manufacture of which less care or less skill has been shown. We can confidently assert that for toilet purposes we have never seen 'Vinolia' Soap surpassed."

EVIL EFFECTS OF SOAPS.

"'VINOLIA' SOAP differs from other Soaps, which harm the skin by reason of their free soda or potash, inasmuch as it contains, instead of free soda or potash, some unsaponified plastic emollient cream. It cleanses admirably, while the presence of the emollient cream prevents the alkali from, by any possibility, attacking the skin, extracting the oil, and thereby hardening and weakening this tissue, and rendering it liable to blotches, wrinkles, duskiness, and premature decay. The drying, deleterious action of ordinary soaps upon the hair and scalp is easily perceived after shampooing with them. 'Vinolia' Soap lathers beautifully

and is the only Soap for Skin Treatment, Shaving or Shampooing, and for the Toilet, Nursery, and Bath.

Prices:—"VINOLIA" (for Eczema, Pruritus, &c.), 1s. 9d. and 6s. per box.

"VINOLIA" SOAP (Toilet), 2s. 6d. per box of 3 Tablets.

"VINOLIA" SOAP (Medical), 2s. per box of 3 Tablets.

Agents for Blondeau & Cie.: ROBERTS & CO., 76, New Bond St., London; and 5, Rue de la Paix, Paris.

A GOOD HINT.

REFERENCE to the long lists of exceptional testimonials on the use of "Vinolia" in skin treatment that we have published from time to time in the various medical journals will reveal that, besides proving beneficial, and frequently curative in Eczema (always apparently relieving the itching at once), it is reported to be useful in Acne, Comedones, and Psoriasis. At first sight this may appear strange, for as "Vinolia" is simply a pure antiseptic emollient, it seems difficult to understand how it could be of much use in the last-named affections; but, where there is considerable inflammation of the skin, it would be probably difficult to prescribe anything more serviceable than "Vinolia." By adding a little calomel to each ounce of it, dermatologists say they obtain in Acne very striking results. By the addition of chrysophanic acid to it (say 7 or 8 grains to the drachm), it is reported to have cured Psoriasis of years' standing. We would add that a short time ago a medical man reported a case of Eczema of 25 years' standing which had resisted all other treatment, but was completely cured with "Vinolia" inside of three months. An application for the skin that is safe, bland, cleanly, and gently alterative to the skin is a boon to the nursery, and physicians who have prescribed this plastic emollient cream for the nursery write to us that "It is simply invaluable." "Eminently successful," &c., for redness and roughness of the skin, abrasions, insect bites, and itching from all causes. "Vinolia" is now a most popular application with all the leading medical men.

We are just bringing out a pamphlet on the "Hygiene of the Skin and Hair," dealing concisely with the subject of soaps, and giving an analytical report, and journal and medical reports, upon "Vinolia" Soap, which contains free fat instead of free alkalies. We are also bringing out a new pamphlet giving the fullest information, obtained from most reliable sources, upon "Vinolia" itself. Copies of these pamphlets we shall be pleased to supply, with samples of "Vinolia" and "Vinolia" Soap, to any medical man in Great Britain or the Colonies, post free, upon request.

PRICES:

"VINOLIA" (for Eczema, Pruritus, &c.), 1s. 9d. and 6s. per box.

"VINOLIA" SOAP (Medical), 2s. per box of 3 Tablets.

"VINOLIA" SOAP (Toilet), 2s. 6d. per box of 3 Tablets.

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Always Prescribe the HAMBURG

FOR INVALIDS CONSUMPTIVES DYSPETICS & ALL CHEST DISEASES

THE OLD, THE GENUINE, THE ORIGINAL ARTICLE
INTRODUCED IN GREAT BRITAIN 1863

HOFF'S

MALT

EXTRACT

To the Weak,
Debilitated,
Consumptives,
Nursing Mothers.

HAMBURG HOFF'S MALT EXTRACT



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Special Notice from the Manufacturer and
Proprietor—

LEOPOLD HOFF.

Since the introduction of Hoff's Malt Extract by M. HOFF of Hamburg into the United Kingdom, the English Market being over-swamped with different brands of Malt Extract, Physicians are urgently requested to use the words

THE HAMBURG HOFF'S MALT EXTRACT

when prescribing this genuine and original article.

"In Malt Extract there is nothing like the **HAMBURG HOFF'S**," wrote Dr. NORMAN MCLISLE, M.A., M.B., of Bolton (Sept. 1888), to LEOPOLD HOFF.

"I find the **HAMBURG HOFF'S Malt Extract** a pleasant Tonic and Restorative," wrote Dr. JOHN BUCHANAN, M.R.C.S.Eng., of Liverpool (Sept. 1888).

"In Chronic Dyspepsia I have used the **HAMBURG HOFF'S Malt Extract** always with benefit," wrote Dr. J. J. TAYLOR, M.D., F.R.C.P., of Newcastle (Sept. 1888).

"The **HAMBURG HOFF'S Malt Extract** was beneficial to my patients, and gave great satisfaction," wrote Dr. E. T. FOULSTON, M.D., L.R.C.P., of Edgehill (October 1888), to LEOPOLD HOFF.

"In cases of Chronic Dyspepsia I found it very useful, and as a beverage it strengthens and invigorates," wrote Dr. R. J. WILLIS, L.R.C.P., L.R.C.S., of Belfast (Sept. 1888), to LEOPOLD HOFF.

"I value the **HAMBURG HOFF'S Malt Extract** as a good Stomachic and Digestive in cases of anorexia and convalescence. It is of special importance to wet nurses and mothers."—M. D. MAKUNA, M.D., M.R.C.P., of Treherbert (Sept. 1888).

"In a case of Neurasthenia I have used it with benefit—it is one of the best, if not the best preparation."—DUNBAR SUTHERLAND, Ch.M., M.B., Caithness (Sept. 1888). To LEOPOLD HOFF.

"As an invigorator and restorer after exhaustive disease, I consider it a primary preparation."—J. HOWARD KENRLE, F.R.C.P., M.R.C.S., of Bath (Sept. 1888). To Mr. LEOPOLD HOFF, London.

CAUTION.—"I sometimes find a difficulty in getting your make, the **HAMBURG HOFF'S Malt Extract**, through the Wholesale houses here; frequently other makes are sent," wrote Mr. R. C. MARSHALL, of Dungannon (July 1888), to Mr. LEOPOLD HOFF, 29, New Bridge Street, London, E.C.

In cases of Dyspepsia I found the **HAMBURG HOFF'S Malt Extract** of great service where all other drinks disturbed the digestive system, and especially I found it of great benefit in those who are afflicted at all times with cravings for something to eat, and who have learnt to their cost that they always suffer if they indulge in any ordinary food or drink to satisfy their cravings at unusual hours. At such times and under such circumstances I have found the **Hamburg Hoff's Malt Extract** is taken with relish, and is followed by a satisfactory feeling of comfort, as they know they will not be upset by it as by ordinary food or drink partaken of between meals. . . . I had a case of recurring severe pain in the neighbourhood of the knee-joint. **Morphine Injection** was the only remedy. The patient lately had a worse attack than usual, and was compelled to have the Morphine injected once more. The sinking feeling came on as before, and I prescribed small doses of the **HAMBURG HOFF'S Malt Extract**, with the happy result that the depression was speedily removed, and he had no subsequent sickness or vomiting."—From L.R.C.P., L.R.C.S., of Renfrew (August, 1888), to LEOPOLD HOFF, Esq.



On application to

Mr. LEOPOLD HOFF,

29, New Bridge Street, London, E.C.,

Physicians will be supplied, free of charge, with Samples,
Prescription Blocks, Order Forms, copies of testimonials,
and every information required.

PRESCRIBE THUS:

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The Hamburg
Hoff's Malt Extract.

LEOPOLD HOFF, PROPRIETOR.

In the United States Physicians should always Prescribe **HOFF'S MALT EXTRACT (TARRANT'S)**.

A PINE HARVEST ON THE ALPS.

STERN'S PUMILINE

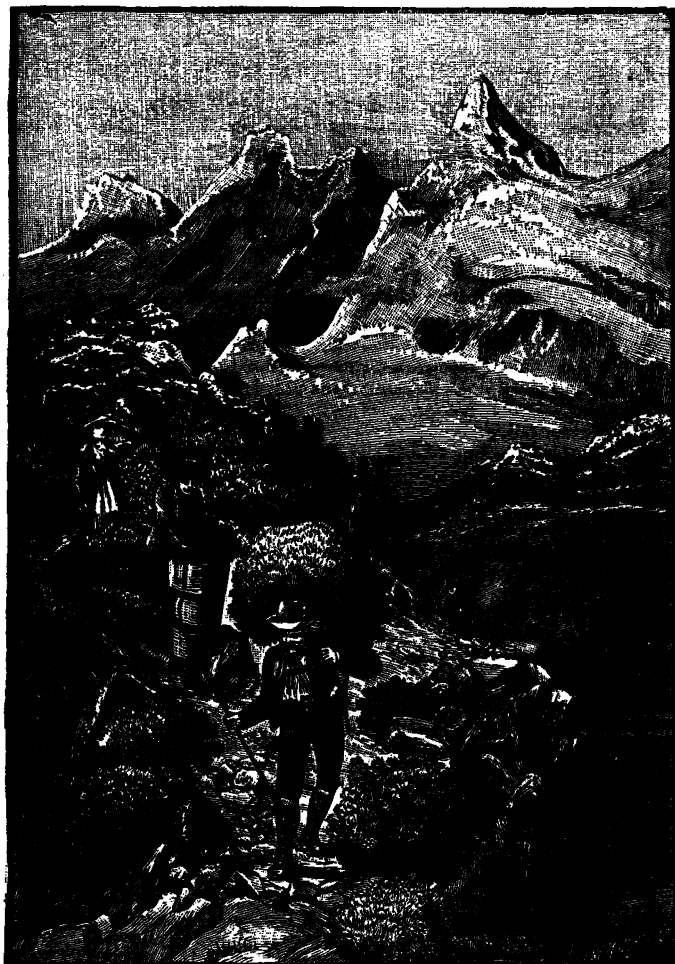
Pumiline Baths.

Pumiline Essence.



THE SNOW-GROWN PINUS PUMILIO.

Pumiline Jujubes.



Collecting the Pumilio Pine Tops for G. & G. Stern's Pumiline.

Pumiline Dry Inhaler.

Pumiline Essence

Is a clear volatile essence distilled from the needles and twigs of the Pinus Pumilio, a stunted variety of Pine tree which grows nearest to the line of perpetual snow on the Tyrolese Alps. No other species of pine yields a product which can compete with Pumiline Essence in fragrance, purity, and therapeutical properties.

It is given internally in bronchial and pulmonary affections, and is also used as an external application in cutaneous affections, rheumatism, &c.

The Pumiline Jujubes contain each 1 minim of the Essence and are very pleasant.

Pumiline Baths.

These baths can now be prepared and employed at home by means of the Pumiline Extract, a bottle of which dissolved in hot water constitutes the well known "Pine Bath," from which such valuable effects are obtained in the treatment of cutaneous and diathetic affections.

Pumiline Extract does not stain, it keeps good indefinitely, and it leaves the skin smooth and in a state of healthy functional activity.

The invigorating qualities of the baths fit them for the use of delicate or convalescent women and children, and generally for persons with an irritable skin.

Medical men and patients should insist upon having Stern's Pumiline, no other pine product possessing its fragrance and valuable therapeutical properties. The only other reliable pine essence is "Pinol Burroughs."

G. & G. STERN, 62, Gray's Inn Road, W.C.

Will send full sized Samples, Descriptive Pamphlets and Testimonials to Medical Men free on application.

SOUTHALLS' "STANDARD TINCTURES."

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"The method of treatment by alkaloids, etc., is not entirely satisfactory. Every practical physician knows, for instance, that quinine and morphine do not represent in physiological action the corresponding amount of cinchona and opium, given in the form of tincture or infusion. Under these circumstances, and bearing in mind the principles, Messrs. Southall Bros. and Barclay, of Birmingham, have prepared a series of 'Standard Tinctures' of fixed alkaloidal value.

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"These difficulties have been largely overcome by the process of 'Standardising' employed by Messrs. Southall Bros. and Barclay, Birmingham, every Tincture being adjusted to the same strength after preparation, by the use of a larger proportion of drug or menstruum according to ascertained requirements.

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By the use of SOUTHALLS' "STANDARD TINCTURES," Hospitals, Dispensaries, &c., may not only ensure uniformity of therapeutic value, but effect a saving of about 50 per cent. in the cost.

The Concentrated Tinctures are Standardised, and guaranteed to contain FOUR TIMES the quantity of the active principles contained in the B.P. Tinctures, so that only ONE FOURTH THE DOSE is necessary.

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| Tinct. Aconiti | Conc. 1·3 6/6 | per lb. = 4 lbs. B.P. Tincture | at usual rate | costs 14/- | thus saving 7/6. |
| " Belladonna | " 1·3 5/2 | " = | " " " | 10/- | " " 4/10. |
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Southalls' Standard Tinctures of the strength of the British Pharmacopœia supplied in bond at the usual trade prices.

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Manufacturing Pharmaceutical Chemists,
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WYLEYS' Gelatine-Coated Oval Pills.

(ENGLISH MANUFACTURE.)

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SPECIAL COMBINATIONS.

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| Cascara Sagrada (Ext.) 2 gr. | Euonymin et Iridin. B Euonymin 1 gr., Iridin 3 gr. ... | Morphinæ Mur. $\frac{1}{2}$ gr., Atropinæ Sulph. $\frac{1}{16}$ gr. | 2s. 0d. |
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Three bottles, with electro-plated screw caps and best hypodermic syringe and needles.



HYPODERMIC CASE, with one bottle fitted with syringe as above, PRICE 8s.

The tube bottles hold one fluid drachm, and have burnt-in labels.

Any tube or set of three tubes may be selected for our pocket cases.

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ISO-BUTYL NITRIS.

For Use in ANGINA PECTORIS, ASTHMA, and Similar Complaints, by Inhalation.

The recent important investigations of the chemistry and pharmacology of the organic nitrites conducted by Professors Dunstan and Oash and by Dr. Lauder Brunton are of great practical value to the physician. By these investigations it is shown beyond doubt that the official amyl nitrite varies considerably in its composition and therapeutic effect; that it is, in fact, a mixture of several substances (other than amyl nitrite) in indefinite proportions, and amounting to nearly 50 per cent. including about 10 per cent. of iso-butyl nitrite. These different substances have been isolated in the pure state, and the physiological action of each has been determined. Iso-butyl nitrite appears to act more promptly than the official preparation of amyl nitrite, and it is probable that the therapeutic action of the latter is due in no small degree to the presence of iso-butyl nitrite.—*Pharmaceutical Journal*, December 22nd, 1888.

Pure Iso-butyl Nitrite, of our own manufacture, is supplied in $\frac{1}{2}$ oz. and 1 oz. Stoppered Bottles.

Price to the Medical Profession $\frac{1}{3}$ and $\frac{2}{3}$; by post $\frac{1}{6}$ and $\frac{2}{6}$.

GLASS CAPSULES OF ISO-BUTYL NITRITE, each containing sufficient for one inhalation (3 or 5 minims).

Supplied in Boxes of One Dozen, Price 3s., or to the Medical Profession 2s. 6d.

SOL. ÆTHYL NITRITIS.

Containing 3 PER CENT. of PURE NITRITE of ETHYL, in Absolute Alcohol and Glycerine.

In the *Medical Chronicle*, December, 1888, attention is directed to the value of this drug in the treatment of ailments connected with high tension. It is stated that like other nitrites it causes dilatation of the vessels, and decreases arterial tension; its use being indicated in dyspnoea, and especially so in asthmatic and bronchitic affections. Compared with the official *Spiritus Ætheris Nitrosi* this solution has the advantage of being more stable in composition and less disagreeable.

DOSE:—20 to 80 minims, added to water immediately before administration.

Supplied in 2 oz. and 4 oz. Stoppered Bottles. Price to the Medical Profession, $\frac{1}{3}$ and $\frac{2}{-}$; by post $\frac{1}{6}$ and $\frac{2}{3}$.

LIQUOR CASCARÆ SUAVIS.

(Registered.)

An agreeable aromatic fluid extract of *Cascara Sagrada*, possessing the full laxative and aperient properties of the bark, and free from the nauseous bitter which has hitherto formed the objectionable feature in the administration of this important drug. *Liquor Cascarae Suavis* forms an excellent adjunct and corrective where prescribing constipating drugs. In habitual constipation of hepatic origin, especially so in chlorotic girls, the use of *Cascara* has been attended by the best results.

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This solution is less caustic than carbolic acid, but possesses the antiseptic and anæsthetic properties of that agent. It is largely used in dental operations as a mouth wash, for allaying pain and tenderness of the gums after extraction of teeth.

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Manufacturing Pharmaceutical Chemists,
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Therapeutic Notes on Gastric and Hepatic Disorders.

THE EUONYMISED COCOA OF THE EUONYMISED COCOA COMPANY.

The most praiseworthy advance in dietetic therapeutics consists in the admixture of certain drugs with Cocoa or Chocolate, by which means an agreeable *hot infusion* of the drug is administered. In this way incomparably superior results are obtained in gastric, gastro-hepatic, and enteric disorders than are obtained by the crude drug.

We guarantee that our Euonymised Cocoa contains a grain of finest Green Euonymin in each teaspoonful, and that it is prepared with the scrupulous care necessary to secure intimate and equal incorporation of ingredients which are with difficulty miscible.

When made according to the instructions, this preparation forms an agreeable beverage, and patients soon prefer its flavour to any other cocoa. The most fastidious person takes it with zest, and the stimulating effect on the digestive apparatus and liver is immediate and marked.

Action and Uses.—Its sialogogue action is rapid, and is attended with a marked increase of appetite and rapidity of digestion: all feelings of hebetude after meals disappear. For the *Dyspeptic* the preparation is simply invaluable, and patients who have once accustomed themselves to it refuse to discontinue its use.

The sallowness which is characteristic of sluggish action of the chylopoietic viscera quickly disappears under the use of this Cocoa, and in bilious persons the scleræ become clear. An increased flow of bile takes place, as shown by the more natural stools. It is not aperient except in repeated doses; but the increased activity of the liver is valuable in removing constipation.

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To prevent disappointment in results see that the Tins bear the name of the

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USEFUL PREPARATIONS.

The value of Podophyllin as an hepatic stimulant and cholagogue has been proved without doubt, its uncertain action being greatly due to its insolubility. We feel our Preparations overcome this difficulty, and solicit a trial of them.

LIQ. PODOPHYLLIN, Hockin.

Soluble in water, acids, alkalies, decoctions, ethers, &c.

Each drachm equals Podophyllin Pur. $\frac{1}{4}$ grain.

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| Podophyllin Resin | - | - | - | $\frac{1}{4}$ gr. |
| Ex. Belladonna Rad. Alcol. | - | - | - | $\frac{1}{8}$ " |
| Strychnia | - | - | - | $\frac{1}{30}$ " |

The LANCET, October 15th, 1887, says:

"This, like the last, is a genuine and reliable preparation, suitable for hepatic and intestinal derangements."

LIQ. PODOPHYLLIN ET PEPSIN.

Each drachm equals

| | | | | |
|-------------------|---|---|---|-------------------|
| Podophyllin, Pur. | - | - | - | $\frac{1}{4}$ gr. |
| Pepsin Porci B.P. | - | - | - | 2 " |

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Price for dispensing: 16 oz. bots. 7/-; 8 oz. bots. 4/-; 4 oz. bots. 2/6.

EXT. CASCARÆ SAGRADÆ LIQUIDUM INSIPIDUM, Hockin.

A tasteless extract of all the active principles of this valuable drug from which the bitter taste is eliminated and *not masked*.

One drachm equals one drachm of the drug. It may also be had combined with Ext. Belladonna Rad. Alcoholic B.P. $\frac{1}{16}$ th grain to the drachm.

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A sexual sedative.

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All Bottles and Packing free, Postage only charged as follows:—4 oz. Bottles 3d., 8 and 16 oz. Bottles 6d. each
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We give herewith a List of Instruments of general interest, and shall be glad to procure any other when desired. At the low prices quoted our terms are Cash with order, from which we cannot deviate.

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| 2 | Syme's do. do. ... | 3s. 9d. | 118 | Ditto, ditto, with 6 Mirrors, 1 Sound, 3 Brushes, and Handle with Screw, in Case ... | 35s. 0d. | |
| 3 | The two together ... | 7s. 0d. | 119 | Reflector and 2 Mirrors, in Case ... | 11s. 0d. | |
| 4 | Lancets in Tortoiseshell ... | 2s. 0d. | 120 | Mirror, with Spring to move Mirror to right angle of stem ... | 12s. 0d. | |
| 19 | ARTERY FORCEPS. | | 150 | OPHTHALMOSCOPES. | | |
| 20 | Bull-dog Clamp, curved or straight ... | 2s. 9d. | 151 | Liebreich's Improved, in Case, small ... | 7s. 6d. | |
| 21 | Fenestrated, 5 in. ... | 8s. 6d. | | " " large Lenses, horn Mounts, in Case ... | 10s. 0d. | |
| 22 | " 2½ in. ... | 5s. 0d. | 153 | POCKET CASES. | | |
| 23 | Liston's ... | 4s. 0d. | | Miniature, best Morocco Leather Case, containing the following Instruments: Knives, in tortoiseshell handles and spring Catches, Dressing Forceps, Artery Forceps, Dressing Scissors, Silver Caustic Case, Lancet Director with Exploring Needle, Probe, Suture Needles, Abscess Knife (Syme's), Gum Lancet, Bistoury, Curved Probe Point, Scalpels, and Clinical Thermometer ... | | 38s. 0d. |
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| 35 | Probe and Sharp Pointed, in straight chequered ebony handle ... | 2s. 6d. | 167 | " blunt " 5 " ... | 3s. 0d. | |
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The New Uterine Tonic and Restorative.

LIQ. CAULOPHYLLIN: ET PULSATILLÆ CO.

(OPPENHEIMER'S)

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- From M.D., L.S.A.H., Rotherhithe—"I have used your 'Liq. Caulophyllin Co.' in cases of Dysmenorrhœa and Leucorrhœa, and have been very pleased with the results."
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*A Sample Tin sent free to Medical Men on application.*

# Hypodermic Tabloids.

LONDON.]

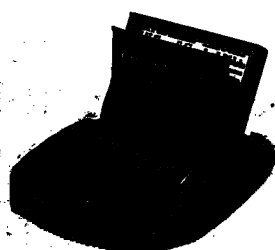
SEPTEMBER 7TH.

[1889.]

## Hypodermic Tabloids.

Authorities on Hypodermic medication hold that the use of ready-made solutions of the alkaloids is the cause of a large proportion of the accidents that have occurred from injecting medicines under the skin.

Reason how we may, the alkaloids are at best unstable things, and to assert that in solution or on exposure they will not undergo change is to disregard facts entirely. To hold that none of them are affected by light is equally far from remark. That microscopic organisms develop as a



B. W. & Co. Hypodermic Tabloid Pocket Case, fitted and filled complete (12 tubes of 12 or 20 Tabloids each), 15s.

rule in alkaloid solutions has been proven over and over again, and to the presence of these germs abscesses, indurations, etc., have been frequently attributed by the highest authorities. Time and again does the injunction occur throughout the pages of the works on *Materia Medica* that this and that active principle should be freshly dissolved for use. The most cursory observer must notice that with time his solutions undergo a very marked change, and it is hardly philosophical to at once conclude that the change is nothing. The most stable solution that has ever been introduced throws down a sediment after a little time, and the manufacturer of this solution deems it prudent to recommend that it be filtered, after standing awhile, before it is injected. Yet filtering does not remove all irritating foreign matter as has been proved. Some of the ready-made solutions undergo such a change as to produce, when injected, effects contrary to those desired. A notable example of this, is a solution of *Pilocarpine*, which has been known to change into *Jaborine*, allied in its action to *Atropine*. After it had undergone this change, *Pilocarpine* would of course dry the skin instead of bathing it with profuse perspiration.

But some one may say: "I have used standing solutions without ill effects." The majority have not; and, as the patients have to take the bulk of the risk, should not the most scientific and safe method be employed in subcutaneous injections? A fact indisputable, that has been proved up to the hilt, is that the alarming accidents, which are particularly liable to occur from the use of "ready-made hypodermic solutions," are not likely to happen, when the **HYPODERMIC TABLOIDS** are used.

If there is one time more than another when a medical man needs an agent which he can rely upon with implicit confidence, it is when he resorts to a subcutaneous injection; it is, perchance, in cases of emergency, where there is

hæmorrhage, or syncope, or poisoning, or delirium, or pain, and where reliability of action, accuracy of dose, and freedom from local after-pain and abscesses, are as far as possible secured.

One reason, no doubt, why hypodermic medication is not more widely resorted to is because of the bulkiness of solutions, and their use being confined very largely to morphine—that potent, subtle and dangerous drug, a comparatively small dose of which has been known to produce death in a few minutes. A case of solutions must necessarily be more or less bulky, or else contain very few drugs. With the **HYPODERMIC TABLOIDS** the circumstances are different. The B. W. & Co. No. 7 Hypodermic Tabloids Pocket Case contains 144 carefully apportioned, accurately made Tabloids of compressed alkaloids and active principles. Such an array as this constitutes an armamentarium never before placed in the hands of a medical man. It constitutes an emergency case adapted to a very wide range of usefulness. No matter where he may be, the physician will find it almost daily of service, for the Hypodermic Tabloids are not restricted in their uses to Hypodermic injections, but may be given by the mouth, and used in other ways as well. The case complete contains a little pestle and mortar, a correctly graduated syringe, needles, wires, etc., and a highly condensed monograph on Hypodermic medication, containing notes outlining the uses, doses, and dangers of each drug, with full tables for treating cases of poisoning. It may be carried in the waistcoat pocket.

### DOSE LIST OF HYPODERMIC TABLOIDS.

Prepared by BURROUGHS, WELLCOME & Co.

**Aconitin.**—Dose, 1-260 gr., externally in neuralgia, shingles, etc.  
**Apomorphine.**—Dose, 1-10 gr., as an emetic in catarrh, poisoning, etc.  
**Atropin.**—Dose, 1-150 gr. to 1-60 gr. in pelvic pains, sciatica, etc.  
**Caffein Sodio-Salicylate.**—Dose, 1-2 gr. in neuralgia, headache, drowsy.  
**Cocaine.**—Dose, 1-6 gr. to 1-2 gr., in all minor surgical operations.  
**Codain Phosphate.**—Dose, 1-4 gr., in diabetes, cough, pain of cancer.  
**Colchicin.**—Dose, 1-100 gr., in gout, rheumatism, etc.  
**Cornutin (Active principle of Ergot).**—Dose, 1-60 gr.  
**Curare.**—Dose, 1-12 gr., in hydrophobia, convulsions, tetanus, etc.  
**Digitalin.**—Dose, 1-100 gr., in cardiac and renal disease (dropsy).  
**Ergotin.**—Dose, 1-150 gr. to 1-300 gr., in hæmorrhage, etc.  
**Eserin.**—Dose, 1-100 gr. in ophthalmic practice, constipation, etc.  
**Homatropin (unirritating).**—Dose, 1-250 gr., to dilate pupil, etc.  
**Hydrarg. Perchlor.**—Dose, 1-60 gr. to 1-30 gr., in syphilis, carbuncles, etc.  
**Hyoscin.**—Dose, 1-200 gr. to 1-75 gr., as a powerful cerebral sedative.  
**Hyoscyamin.**—Dose, 1-80 gr. to 1-20 gr., in insomnia, nervous trembling, convulsions.  
**Morphine Bi-Meconate.**—Dose, 1-8 gr., 1-6 gr., 1-4 gr. to 1-3 gr.  
**Morphine Sulphate.**—Dose, 1-12, 1-8, 1-6, 1-4, 1-3, to 1-2 gr.  
**Morphine and Atropine combinations.**  
**Pilocarpine.**—Dose, 1-10 gr., 1-3 gr. to 1-2 gr., as a powerful diaphoretic.  
**Quinine Hydrobromate.**—Dose, 1-2 gr., in sunstroke, tropical fevers, etc.  
**Sclerotinic Acid.**—Dose, 1-2 gr., to excite contraction of uterus.  
**Strophanthin.**—Dose, 1-500 gr., in dyspnoea with cardiac dropsy.  
**Strychnine.**—Dose, 1-150 gr. to 1-80 gr., in paralysis and gastralgia.

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**BURROUGHS, WELLCOME & Co.,** Snow Hill Buildings, LONDON, E.C.,

Will be happy to supply trial Specimens to medical men free on request.

# Some Good Points.

LONDON.]

SEPTEMBER 7TH.

[1889.

## SULPHONAL-BAYER AS AN HYPNOTIC.

From a very extensive use of sulphonal in private and hospital practice, covering cases of insanity [mania and melancholia], delirium tremens, morphine habit, sleeplessness from mitral insufficiency, from syphilis, from malarial poisoning, from anæmia, and in Bright's disease, the following conclusions have been arrived at, viz. :—



1. It is a safe hypnotic, of remarkable intrinsic value, especially in cases of insanity. In all cases reported, except one, refreshing slumber of from two to eight hours' duration was produced by fifteen grains, dry or in hot soup, repeated in one hour if necessary.

2. It is effective in those cases where bromides, chloral, paraldehyde and hypnone have been tried in vain.

3. It has a secondary effect, i.e., its calmative power seems to extend over one day, and exert a modified hypnotic influence the second night after its exhibition.

4. Its advantages over other hypnotic remedies are that it does not constipate as do the preparations of opium; the sleep produced by it seems to more closely resemble natural sleep than does that of any other drug; having neither taste nor odour, it is easily given in cases where patients object to take medicines.

5. In morphine habit it is regarded the most valuable remedy yet discovered to control insomnia, and with a 1/75 grain Tabloid of Hydrobromate of Hyoscyne hypodermically for delirium, these usually troublesome cases are being treated with marked success.

Sulphonal Tabloids (5 gr.)—the most eligible form of the drug—are supplied in bottles containing 25 and 100 at 1s. 4d. and 3s. 4d. each.

Sulphonal (Bayer) supplied to the medical profession at 1s. 6d. per oz. (subject to the fluctuation of the market).

## LANOLINE FOR THE SKIN AND HAIR.

Lanoline is the purified fat contained in the wool of sheep. Dr. Oscar Liebreich, of the University of Berlin, the discoverer of chloral, says that "wool-fat was used in the time of Herodotus under the name of *Esypus*," and his description is reproduced in most of the pharmacopœias published up to the eighteenth century. It was also used by the ancients as a cosmetic, and Ovid mentions in his "*Ars Amatoria*," that the Roman ladies anointed their faces and skin with *Esypus* brought from Athens. Certain soaps, puffed up by means of cunningly-devised advertisements, often cause pimples, blotches and sores on the face, and prevent eruptions already formed from healing. They remove the fat and dry the skin, so that this tissue becomes hard, inelastic and rough, and loses its natural colour. Lanoline Soap, on the other hand, containing as it does a fat which is natural to, and absorbed by, the skin, is acknowledged by dermatologists to be the very best preservative of this tissue, restoring its soft, pliable and elastic nature, and healthful surface.

Lanoline has also been acknowledged by the highest authorities as a hair preservative. "Hair can no longer be regarded as an effete and dead tissue, but in a certain though limited sense, an organ capable of elaboration. During its growth it can elaborate a cholesterine fat compatible with water, and it is this which maintains the hair lustrous and soft without greasiness." Lanoline (Liebreich) contains this cholesterine principle, and does not undergo decomposition like other fats. Lanoline Pomade since its introduction has been recommended by the profession as the natural unguent for preserving the hair. "The fatty acids produced by the decomposition of oils and fats are peculiarly injurious, and it is to be feared that the existence of such in many of the ordinary pomades is only concealed by the perfume."—JAMIESON.

Lanoline (Liebreich) supplied to the medical profession in 1 lb. and 7 lb. tins at 2s. 8d. per lb. Anhydrous Lanoline (Lanolinum Anhydricum), at 3s. 4d. per lb. Lanoline Base (Ung. Lanolini), 2s. 2d. per lb. Anhydrous Lanoline Base, 2s. 10d. per lb. Cerecin, 1s. 6d. per lb.; Paraffinum Liquidum, 1s. per lb. (packages extra). Lanoline Cold Cream supplied in pots at 1s. 2d. each. Lanoline Hazeline Ointment, in pots at 1s. 2d. each. Lanoline Pomade, in pots at 1s. 2d. each. Lanoline Toilet Soap, 2s. per box of 3 Tablets. Lanoline Eucalyptine Soap, 2s. per box of 3 Tablets. Lanoline Pirol Soap, 2s. per box of 3 Tablets. Toilet Lanoline, in tubes at 5d. each.

A Pamphlet on the "Place of Lanoline in Pharmacy" will be sent post free to any physician on request.

## ICHTHYOL as an External Remedy in Skin Diseases.

Ichthyol (Ammon. Sulpho-Ichthyolate) is a distillation derived from the fossilised remains of fishes, and was discovered by Schröter. Dr. Charles J. R. McLean, Yeason (*British Medical Journal*, March 9, 1889), says that it acts in three ways: (1) AS A PROTECTIVE.—When a solution of it is painted over the skin surface it quickly dries, forming a thin layer somewhat resembling friar's balsam or collodion, and so protects the skin from the air, dust, &c. (2) AS A RELIEVER OF CONGESTION.—When applied to healthy skin its effects seem nil, but where there is an active congestion of the part it acts promptly by causing contraction of the arterioles, and so diminishes the vascularity of the part. (3) AS A DESICCANT.—As it reduces the vascularity of congested skin, the outward flow of serum is also reduced, and consequently the part becomes drier. In these three actions are the essentials of the treatment of many skin diseases. Dr. McLean has used ichthyol in the following cases with marked success, viz.:—Simple Erythematous Eczema, Scaly Dry Eczema, Weeping Eczema, Simple Erysipelas, Urticaria, and Furunculosis.

In most cases of Eczema, Tabloids of Cascara Sagrada are being prescribed as a laxative. Cascara Sagrada stimulates the liver and helps to eliminate any excess of uric acid, which is believed to coexist with, or to be the cause of, many such troubles.

Ichthyol supplied to the medical profession at 15s. per lb., also in 1 oz. bottles at 1s. 4d. each.

Ichthyol Capsules (4 min.) supplied in bottles of 50 at 2s. 3d. each. Ichthyol Soap supplied to the medical profession at 8d. per tablet.

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**THE OXIDISING AGENTS**—Iron and Manganese

**THE TONICS**—Quinine and Strychnine;

**AND THE VITALISING CONSTITUENTS**—Phosphorous, combined in the form of Syrup with **SLIGHT ALKALINE REACTION.**

**IT DIFFERS IN EFFECT FROM ALL OTHERS**, being highly susceptible to oxidation during respiration, pleasant to taste, acceptable to the stomach, and harmless under prolonged use.

**IT HAS SUSTAINED A HIGH REPUTATION** particularly in the treatment of Pulmonary Tuberculosis, Chronic Bronchitis, and other affections of the respiratory organs. Is employed also in various nervous and debilitating diseases with success.

**ITS CURATIVE PROPERTIES** are largely attributable to Stimulant, Tonic, and Nutritive Qualities, whereby the various organs are recruited.

**ITS ACTION IS PROMPT**, stimulating the appetite and the digestion; it promotes assimilation, and enters directly into the circulation with food products.

The prescribed dose produces a feeling of buoyancy, and removes depression and melancholy; hence it is of great value in the treatment of mental and nervous affections. From its exerting a double tonic effect, and influencing a healthy flow of the secretions, its use is indicated in a wide range of diseases.

**NOTICE.—CAUTION.**—The success of Fellows' Hypophosphites has prompted certain persons to utter substitutes. Mr. Fellows, having examined several of these, finds no two samples identical, and all differ from the veritable, 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.

## SPECIAL NOTICE.

Lest any Members of the Medical Profession may be misled by the many specious advertisements of imitators of Fellows' Syrup of Hypophosphites, Mr. Fellows begs to publish the following, viz.—

That he is the sole inventor of the formula of Fellows' Compound Syrup of Hypophosphites, which was discovered and prepared for the first time for his own use in 1865, when out of health;

That the testimonials bear date from the year 1868;

That the genuineness of the early testimonials was certified by Aaron Alward, Esq., M.D., Mayor of the City of St. John, Province of New Brunswick, Canada, and the great seal attached on 6th February, 1868; and

That the formula of the Syrup has never since been changed.

Mr. Fellows therefore refers to the printed form surrounding every bottle, where the letters may be found in detail.

As cheap substitutes are frequently dispensed instead of the genuine, Mr. Fellows can only advise that his Syrup should be prescribed in the original bottles, 4s. or 7s., where the distinguishing marks will prevent imposition.

To guard against possible substitution and disappointment in prescribing, please write "Syr. Hypophos. Fellows."

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# CARNRICK'S SOLUBLE FOOD FOR INFANTS.

The highest medical authorities have pointed out that "an infants' food to perfectly resemble a good quality of human milk should consist of desiccated, partly peptonized milk, in the form of a milk food, containing partly converted starch, soluble starch, dextrine and a small quantity of lactose (milk sugar)." Carnrick's Soluble Food consists of equal proportions of evaporated, partly peptonized milk, completely sterilized, and wheat, of which the starch has been converted by a special process into dextrine; a small quantity of lactose is also added. It will thus be seen that Carnrick's Soluble Food fulfils the requirements of a satisfactory substitute for human milk.

## THE ADVANTAGES OF CARNRICK'S SOLUBLE FOOD.

**No Milk Required.** As Soluble Food largely consists of partly digested milk, nothing but water need be added to prepare it for use.

**Partial Pre-digestion of the Milk.** By means of partial pre-digestion the tough caseine of the milk is broken up and rendered as digestible as that of mother's milk. The youngest infant can readily assimilate Soluble Food if it be given diluted. Mothers and nurses who use Soluble Food are spared the inconvenience of peptonizing milk, which is a somewhat delicate operation, and can rarely be performed properly in the household. The milk used in the manufacture of Carnrick's Soluble Food is absolutely pure and fresh, the extract of pancreas is made fresh for every batch, and the mixture is thoroughly sterilized by heat immediately after peptonizing. The milk is only partly pre-digested, because it is not advisable to entirely digest any food before ingestion.

**No Danger of Fermentation.** Dextrine is used instead of maltose for the following reasons: Dextrine is not fermentable until changed into sugar. The youngest infant can supply sufficient ferment to digest dextrine, and when the process of digestion is under way, abnormal fermentation is not liable to occur. Soluble Food will not sour on the stomach as the malted foods so frequently do.

**Superior Nutritive Properties.** Dr. STUTZER, of Bonn, Food Analyst for Rhenish Prussia, states, after analyzing the different infants' foods in the market:—"Carnrick's Soluble Food excels all the other Infants' Foods by its greater amount of nitrogenous substances. It also contains a larger quantity of the bone-forming inorganic substances, and of the solid constituents of milk. The milk used in this food is treated with pancreatine, thus rendering the caseine easier of digestion. This certainly is a very rational method, and is applied by no other manufacturer of infants' food. It is also very pleasant to the taste."

"Carnrick's Soluble Food closely imitates in composition an average sample of human milk."—*British Medical Journal*.

For nursing mothers' Soluble Food will be found most useful. It is very nutritious and acceptable, and tends directly to increase the mother's supply of milk. As a substitute for milk, when milk disagrees with the patient, the use of Soluble Food has given very satisfactory results, and generally when a bland, easily-assimilated food is indicated, Soluble Food, either alone or combined with Carnrick's Beef Peptonoids, is the most eligible form of nutriment.

In Bottles, 1s. 6d., 2s. 6d., and 4s. 6d. To the Medical Profession, 1s. 1d., 1s. 11d., and 3s. 6d.

*We shall be pleased to send specimens free of charge to Medical Men.*

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## A CONCENTRATED LIQUID FOOD. (Digested Beef, Milk, and Gluten, in Good Sherry.)

The above preparation represents Beef Peptonoids entirely digested and ready for assimilation. It is a highly nourishing liquid stimulant, containing albuminoids in the form of fibrin, gluten, and casein, in a digested soluble state with good Sherry. In flavour and palatability it may be compared to a delicate wine or cordial. Carnrick's Liquid Peptonoids have been used with the best results in Convalescence, General Debility, Nervous Weakness, and Dyspepsia. In Vomiting of Pregnancy, and in all cases of failure to retain Food, Liquid Peptonoids are of the highest value.

"We consider the preparation to be a very valuable condensed food."—THE LANCET.

"An eminently assimilable mixture of fibrin, gluten, and caseine."—MEDICAL PRESS AND CIRCULAR.

## CARNRICK'S LIQ. PEPTONOIDS WITH COCA.

Referring to this preparation, THE LANCET says: "A new adaptation of a well-known and highly-esteemed article. The idea successfully carried out was to unite the powerful nerve stimulant coca with an equally powerful and highly assimilable food stimulant." We recommend this preparation with the fullest confidence as a Vocal and Nerve Restorative, and as very suitable in many forms of convalescence. It constitutes, we believe, the only means of utilising the valuable stimulating properties of coca without incurring the risk of a reaction.

Liquid Peptonoids, Liquid Peptonoids c. Coca, and Peptonoids Iron and Wine, in Bottles, 3s. 6d. and 6s. 6d.

**SPECIAL TERMS TO MEDICAL MEN AND HOSPITALS.**

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**CONCENTRATED BEEF AND MILK WITH GLUTEN.**

"The knowledge that a large number of meat preparations cannot be considered as nutritive," says the *British Medical Journal*, "has done much to discredit the use of such preparations in the sick room. . . . The majority of the preparations submitted as 'extracts of meat' are, in fact, little more than ingenious preparations of the organic bases and mineral salts of meat, their nutritive value is so slight as to render them quite untrustworthy as foods."

In the preparation of "Beef Peptonoids," the flesh-forming elements of beef, wheat and milk are used, constituting a nitrogenous and nutritive food of the highest value. It is not an "extract of beef" as ordinarily understood. We use the entire nutritive product of lean meat, excepting the large muscular tissue, from which the water has been previously evaporated. Beef Peptonoids in the form of powder is not a pure peptone, it being only partially digested.

The following excerpts from the reports of authorities on Beef Peptonoids afford convincing proof of the value of our process.

The *British Medical Journal*: "The new method of preparation followed in this case, by which a large proportion of albumen is preserved in an easily digestible form, and combined with the stimulant bases and mineral salts, makes a new departure in invalids and children's foods, of which the usefulness is apparent and which will tend to bring this class of food into much higher repute and much more extended use."

The *Lancet*: "A most concentrated form of nitrogenous food, easy of digestion, and well adapted and convenient for medical use."

Prof. ATTFIELD: "It is by far the most nutritious and concentrated food I have ever met with."

Prof. MÉHU, Paris: "Contains in a highly concentrated form the elements of a complete Food—nitrogen, fat, saccharine matter, mineral salts, phosphoric acid and iron."

Prof. STUTZER says: "If a medical man desires to give an invalid or convalescent a preparation by the use of which the formation of flesh and blood is to be promoted and vigour infused into a patient, Beef Peptonoids for this purpose stands first and foremost amongst all the preparations I have examined."

Dr. STEVENSON MACADAM: "An invaluable aid during illness, and an excellent help during convalescence."

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A well-known physician, M.D., F.R.C.P., writes: "Beef Peptonoids is extremely valuable in all cases of debility and during convalescence from acute diseases and fevers, such as typhoid. . . . A young woman, aged twenty-six, of very marked strumous tendency, was under my care in the spring of last year. She had all the symptoms of advanced phthisis; her stomach was weak and could retain little food. The cough and night-sweats had reduced her strength to such an extent that I feared she could not survive the summer, and as I had exhausted all the ordinary measures, I ordered the Beef Peptonoids, with the surprising result that she is now following her occupation, that of a dressmaker, and in better health than she has had for years."

Beef Peptonoids is very palatable and can be administered to the most fastidious invalid. It may be taken in milk or with hot water, first making a paste with a small quantity of the liquid, and then gradually adding more. Spread on bread-and-butter, it makes a palatable and nutritious sandwich, while a small quantity will convert soups, broths, or beef tea into really nutritive foods.

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In 4 oz., 8 oz. and 16 oz. Tins, 4s. 6d., 8s. 6d. and 16s.

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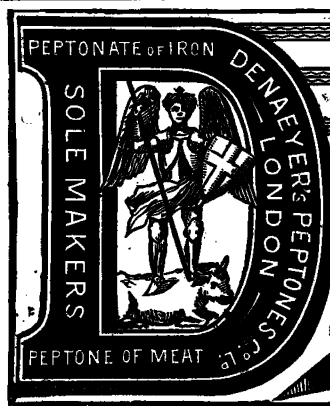
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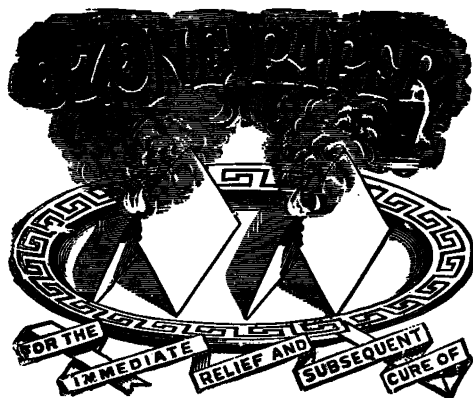
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Extract of Cascara. The Tablets are of such a form that they can be easily divided, should a smaller dose be desired; and the taste can hardly be distinguished from that of ordinary Chocolate.

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Are used in the treatment of CHRONIC GASTRIC CATARRH, HYPERÆMIA of the LIVER, GALLSTONES, CHRONIC CONSTIPATION, DIABETES, RENAL CALCULI, GOUT, and DISEASES of the SPLEEN.

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SODA, SELTZER, POTASS WATERS, LITHIA WATER (Ph.B.), LITHIA AND POTASS WATERS, LEMONADE, GINGER ALE.

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BLENDED OLD SCOTCH.

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A 1 lb. sample tin delivered free to any town in the United Kingdom on receipt of 2s. Used constantly in Hospitals and other high-class Medical Institutions.

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P.S.—FOR FATIGUE OF MIND AND BODY, & SLEEPLESSNESS FROM EXHAUSTION, IT HAS PROVED INVALUABLE.

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"and SO PURE" } BRITISH  
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LIQUOR BISMUTHI  
**PURE PALATABLE POTENT**  
PEPSINA LIQUIDA  
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**SEDATIVUS.**

A combination of SCHACHT'S LIQUOR BISMUTHI and  
PEPSINA LIQUIDA (the most powerful Fluid  
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FORMULA.—Each drachm contains, in addition to the Pepsine and  
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The remarkable efficacy of this formula has been conclusively shown in  
very many cases of dyspepsia, especially those attended by gastric pain  
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excellent service as a digestive nerve-tonic when such a remedy is indicated

In 4 oz., 8 oz., and 16 oz. Bottles.

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## ADVANTAGES.

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- IV.—DURATION.—These Screw-Stoppers will last for an indefinite period, whereas new Corks have to be supplied each time a bottle is filled, thus in a very short time the Stoppers prove cheaper.

## PRICES:

|                                                                   | 3 oz. | 4 oz. | 6 oz. | 8 oz. | 12 oz. | 16 oz. |            |
|-------------------------------------------------------------------|-------|-------|-------|-------|--------|--------|------------|
| Bottles, flat, screw mouth                                        | 7/9   | 7/9   | 8/9   | 8/9   | 13/9   | 18/0   | Per gross. |
| Screw stoppers for same                                           | 1/3   | 1/3   | 1/3   | 1/3   | 2/3    | 2/3    |            |
| Washing and fitting—extra                                         | /6    | /6    | /6    | /6    | /9     | 1/0    |            |
| Parcel Post boxes, lined with corrugated paper to hold one bottle | 10/6  | 11/0  | 11/6  | 13/0  | 17/0   | 18/6   |            |

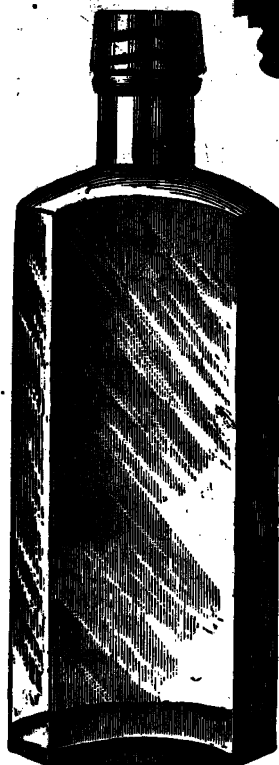
WHEN NOT IN USE, STOPPERS SHOULD BE KEPT MOIST; IF LEFT DRY FOR LONG THE RUBBER RINGS PERISH.

The Bottles can be supplied with all the usual Graduation Marks.

*Members of the Medical Profession are respectfully invited to give these Bottles and Stoppers a trial.*

On receipt of Application we shall be pleased to forward a Sample Bottle and Box per Parcel Post paid.

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Woollen System of Under-wear.

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Ladies, Gentlemen, & Children.

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As Manufactured and Exhibited by us at the  
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Please mention this Paper.

"Messrs. Forsyth's manufactures demonstrate that in adopting the all-wool system of clothing, we need not necessarily look to foreign markets for our supplies; but that sanitary under-wear, having the high recommendation of *fit and quality*, is now produced at home."—*British Medical Journal*.

"The samples from this firm are eminently satisfactory, and have a smoothness of texture which prevents any irritating friction, and from the unshrinkable nature of the material will be found far more useful for under-wear than most ordinary flannels. They are very gratifying examples of home manufacture."—*Lancet*.

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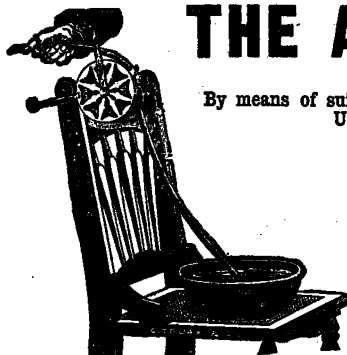
"There can be no doubt of the merits of Messrs. Forsyth's Hygienic Under-wear. The material is simply unsurpassable, and the garments are so fashioned as to fit every part of the body (a feature worthy of all praise). We are glad to see there are manufacturers like Messrs. Forsyth who give such attention to producing articles of indisputable sanitary worth."—*Whitehall Review*.

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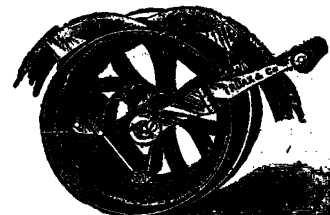
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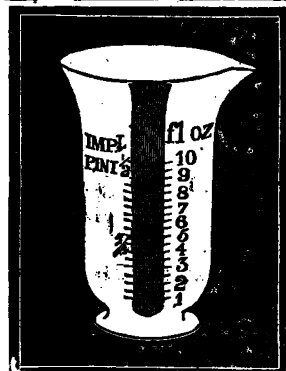


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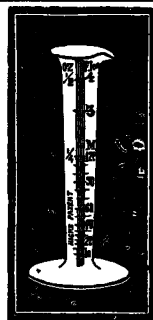
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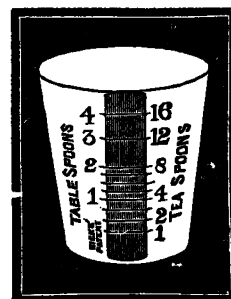
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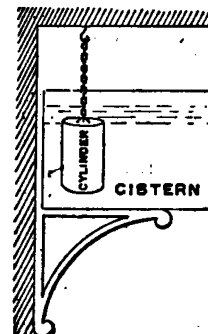
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Invaluable for the sick room.

### PATENT DOUBLE-CHAMBER BOXES,

For the safe transmission by post of bottles containing Medicine or Liquids of any kind.

## PATENT AERATED WATER APPARATUS

### FOR DOMESTIC USE

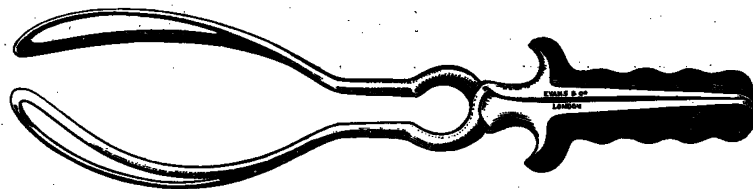
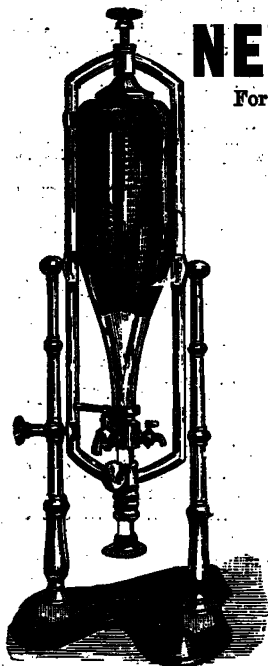
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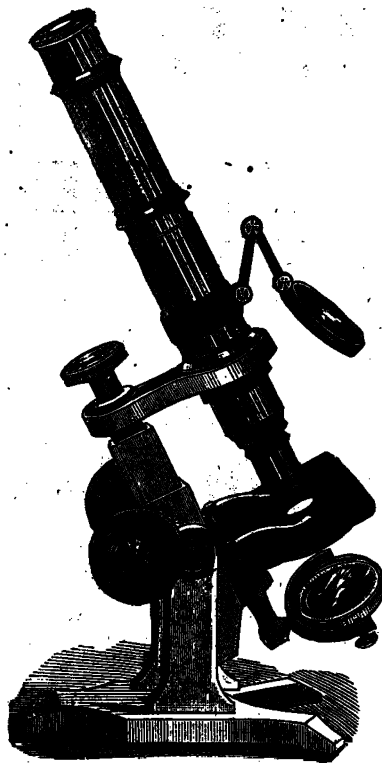
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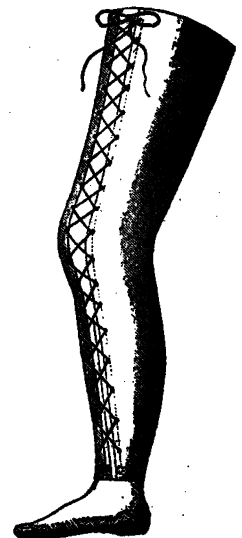
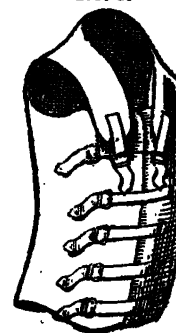
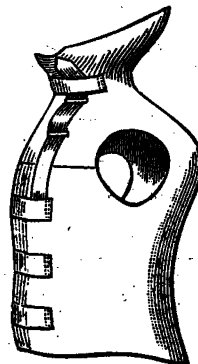
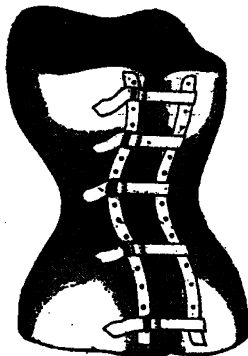
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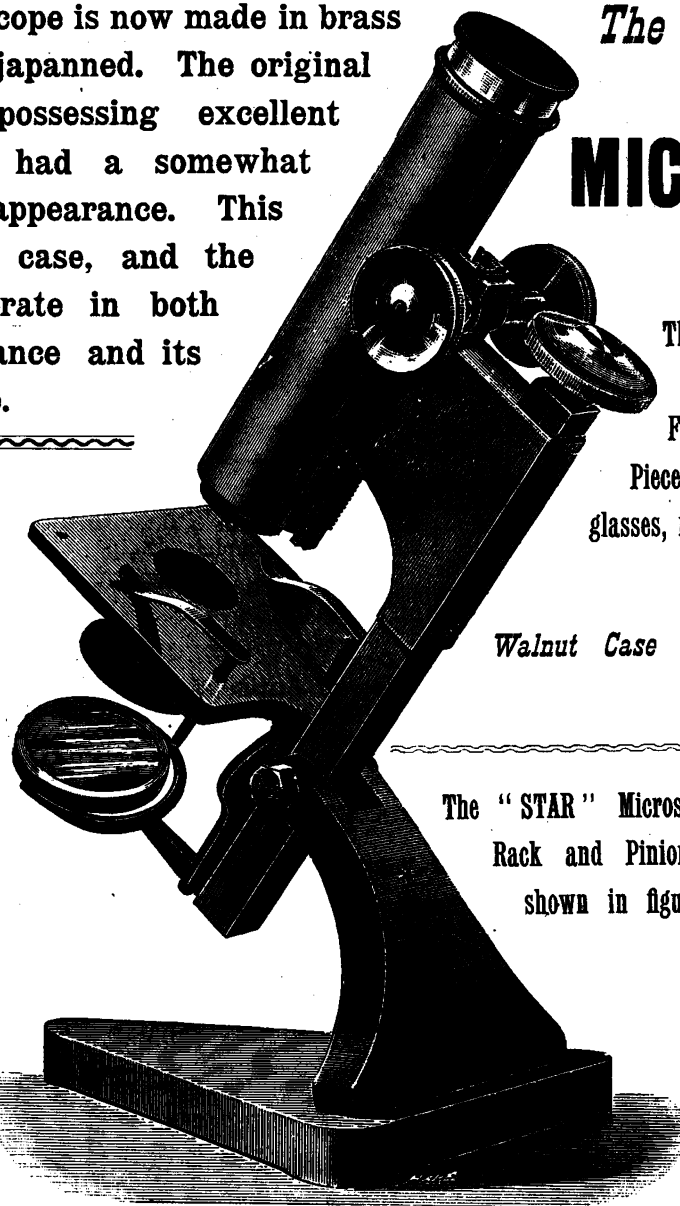
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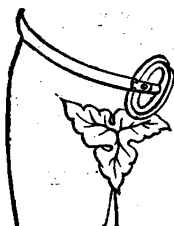
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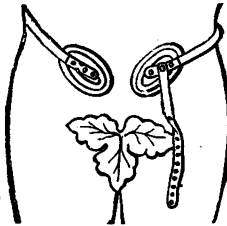
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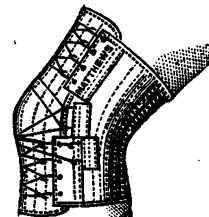


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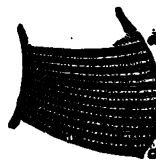
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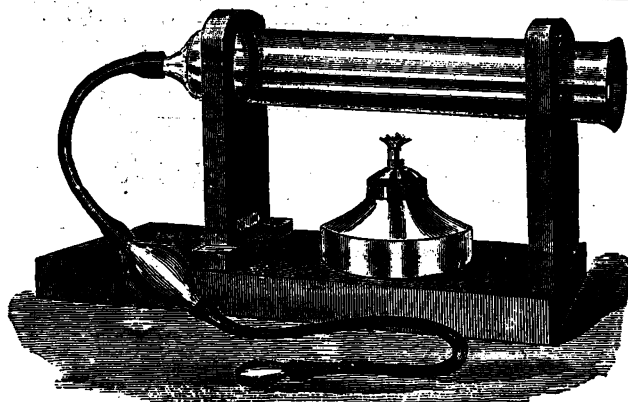


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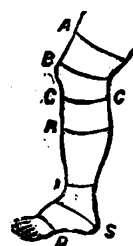
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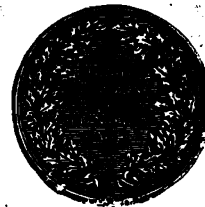
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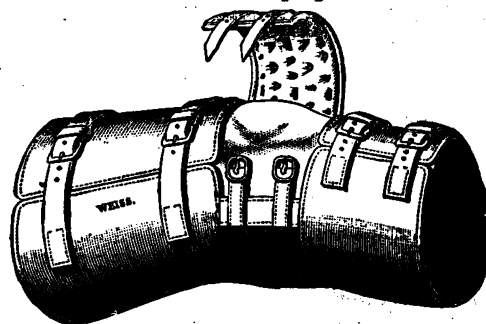
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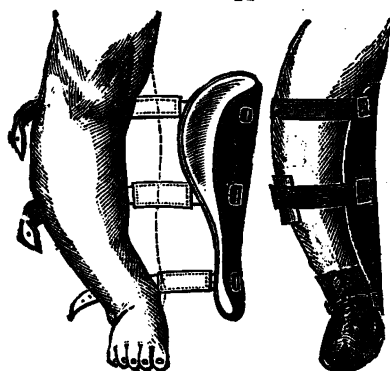
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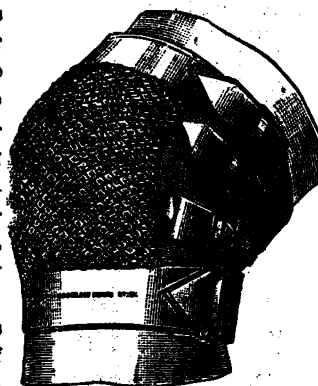
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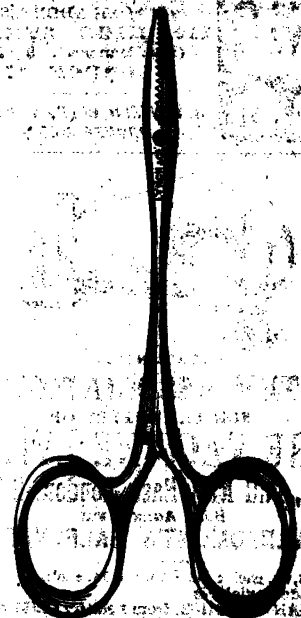
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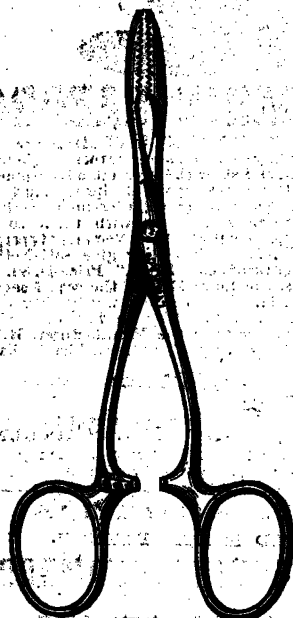


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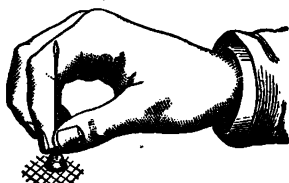
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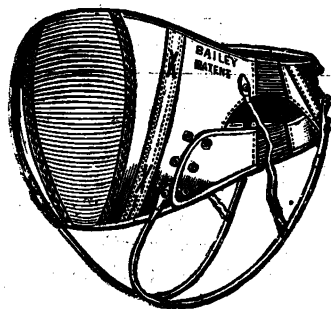
The former is also used for counting yeast-cells and examining air, water, and soil for "microbes." It is also useful for making pure cultures when necessary to ascertain the numbers of micro-organisms in a given quantity of liquid, and to determine the extent of dilution required. For continuous observation Charts may be had showing the normal average of red and white corpuscles, with ample space for recording variations. *Descriptive Circular and Prices forwarded upon application.*

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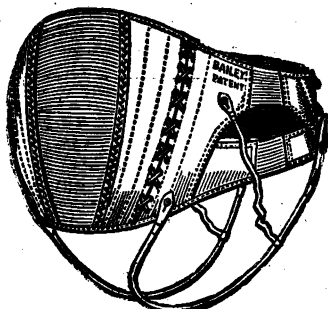
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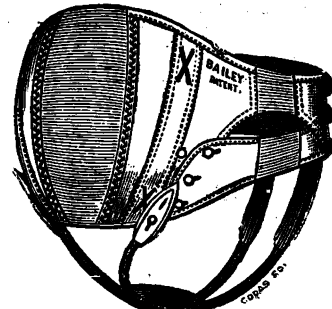
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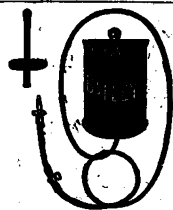
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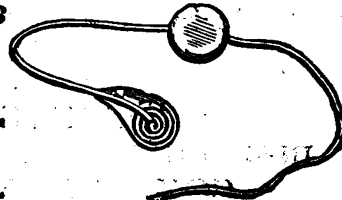
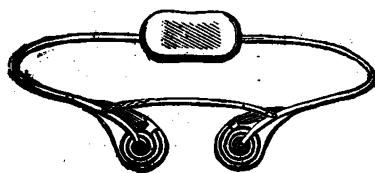
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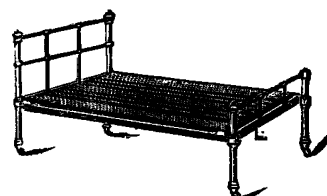


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Mattresses made separate to fit any kind of Bedstead. Prices on application to

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ARE MADE OF BEST STEEL AND IRON, AND

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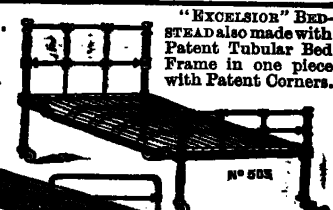
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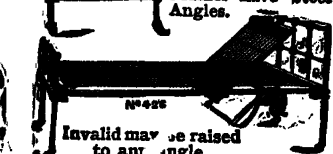
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Invalid may be raised to any angle.

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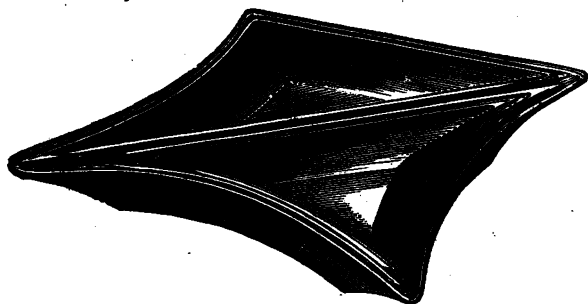
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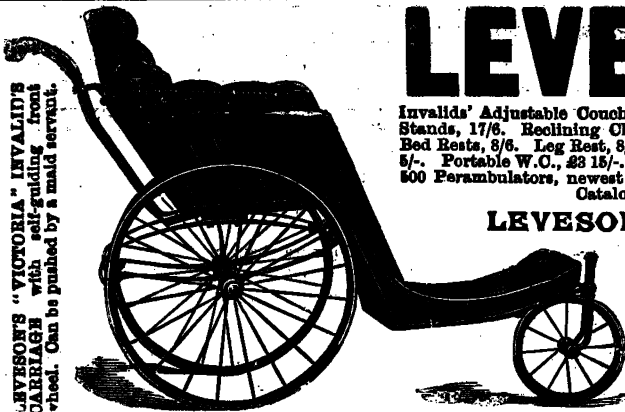
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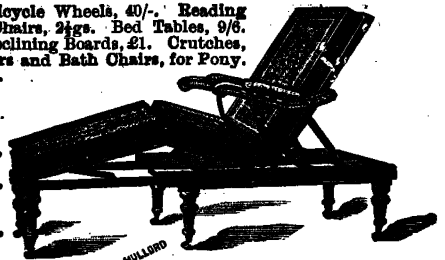
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Established 1819.



LEVESON'S PATENT TELESCOPE COUCH  
can be instantly converted into a chair and  
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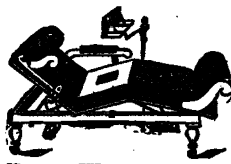
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Prize Medals—London, 1851 and 1862; Paris, 1855, 1867 and 1878 (3 Medals); Vienna, 1873 (2 Medals); Dublin, 1865.

TO THE QUEEN AND ROYAL FAMILY.



No. 19.—Ward's Victoria Three-Wheel Bath Chair, with leather hood. German shutter and patent spring front iron, to which shafts for a pony may be attached.



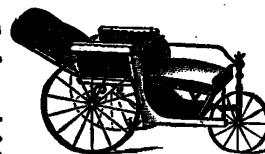
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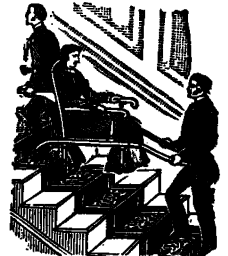
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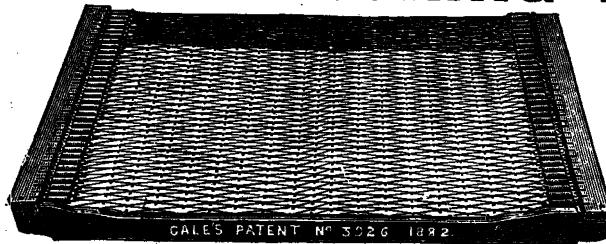
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No. 14 is the simplest and best constructed Chair for carrying Invalids up or down stairs. The sketch conveys the exact idea. It is also made portable for travelling.

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Guarantee given to all Institutions binding us to replace free of expense, in case of failure of any part within 15 years.



The WIRE carefully coppered and lacquered to prevent rust.

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SPRING  
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For Hospital & General Use.  
METALLIC BEDSTEADS  
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OF ALL KINDS,  
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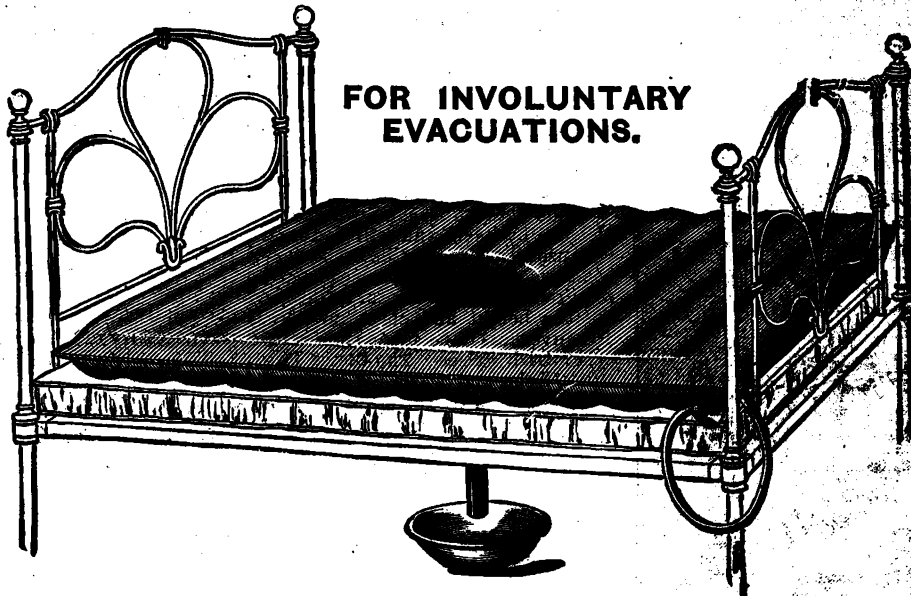
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For  
Conveying  
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Evacuations  
in Cases  
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ORDERS BY POST OR TELEGRAM EXECUTED IMMEDIATELY.

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**ELASTIC WATER OR AIR**

**BEDS AND CUSHIONS**

**FOR INVALIDS.**

*(As supplied to Her Majesty the Queen, their Royal Highnesses the Prince and Princess of Wales, and the principal Courts of Europe).*

Can be used on any ordinary Bedstead or Couch.

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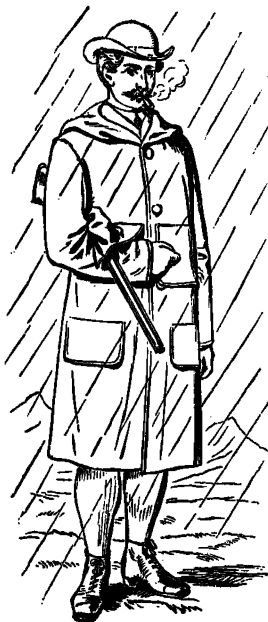
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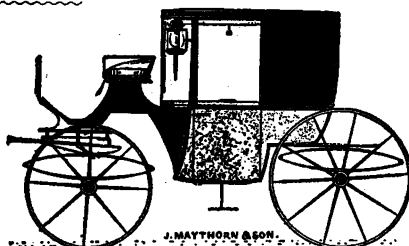
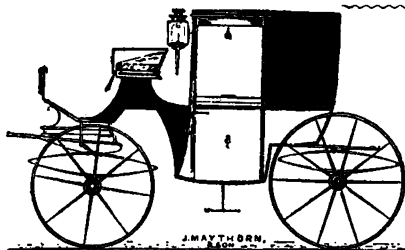
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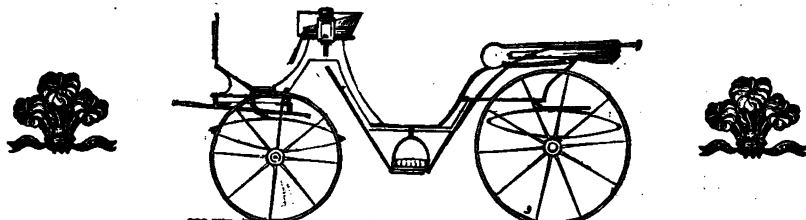
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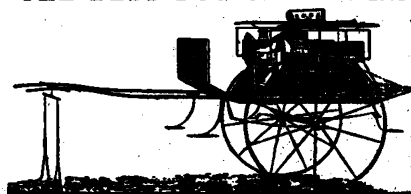
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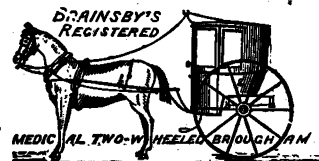
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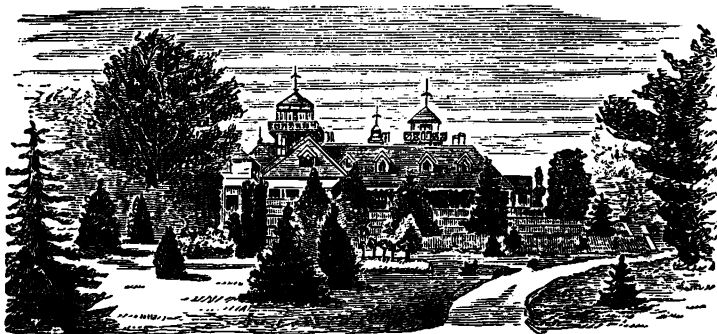
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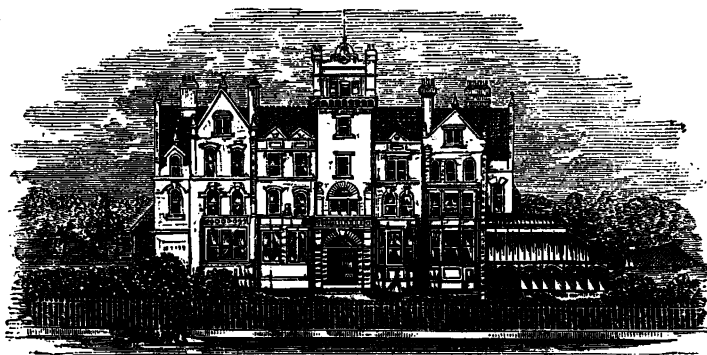
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Licensed under the Inebriates Acts, 1879 and 1888. The only Establishment in the United Kingdom specially erected for the Reception and Treatment of Ladies and Gentlemen desirous of overcoming habits of Intemperance. The house stands in its own grounds of nearly three acres, and is replete with every convenience, containing a large Billiard-room, spacious Drawing-rooms, Smoking-rooms, Bath rooms, etc. Patients can be received under the Act, or privately. All servants and attendants total abstainers. For prospectus and further particulars, address Principal, Tower House, Westgate-on-Sea. Visiting Physician, ALFRED F. STREET, M.A., M.D., B.S. (Cantab.).

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Private Asylum for Ladies and Gentlemen. House recently renovated throughout and modernised. Every home comfort. Boarders received. Employment system. For terms, apply to B. HALL, M.B. Lond., M.R.C.S., Resident Superintendent.

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BUXTON, DERBYSHIRE, for the Middle and Upper Classes of BOTH SEXES, is beautifully situated in the healthy and bracing climate of the Derbyshire hills, and is directly accessible by the Midland and the London and North-Western Railways. For terms and other particulars, address the Resident Physician and Proprietor, Dr. F. K. DICKSON.



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**Hospital for the insane of**  
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A Hospital for the Insane of the Middle and Upper Classes of both Sexes. President—The Right. Hon. the EARL OF JERSEY. There are now vacancies for Patients at moderate rates of payment. The new wing providing additional accommodation for Male Patients is now opened. Private sitting room may be had if desired.—For particulars, apply to Dr. WARD, Medical Superintendent.

## Coton Hill Hospital for the

INSANE, near STAFFORD. Chairman of the Committee of Management, the RIGHT HONORABLE LORD WHOTTESLEY.—Consulting Physician, Dr. REAUD. This Hospital is devoted to the care and treatment of the UPPER and MIDDLE CLASSES who are Mentally afflicted, providing accommodation and home comforts at moderate rates of payment. The terms of admission vary from £1 to £3 3s. per week, according to the requirements of the case. Patients can have, if required, private rooms and special attendants. There are also semi-detached villas in the grounds for the accommodation of private patients. The Hospital is beautifully situated in a high and healthy position; the grounds are extensive and tastefully laid out; also cricket field, lawn tennis courts, etc. Further particulars as to the terms can be obtained from E. W. HEWSON, the Medical Superintendent.

## Marsden Hall, Nelson in

MARSDEN, LANCASHIRE.  
A PRIVATE ASYLUM for the care and treatment of a limited number of patients of both sexes suffering from MENTAL DISORDERS. Extensive ornamental grounds (7 acres), situation specially healthy. Home comforts.—For terms, &c., apply to Mrs. BAKER, widow of the late Proprietor, or to the Medical Superintendent.

## Exeter City Asylum.

This Asylum, newly erected, is lighted by electricity, and is specially designed and constructed for the proper treatment of the insane.

The situation and climate are most salubrious, the Buildings have a southern aspect, and about 70 acres of land are attached to the Asylum.

Private patients will be received on reasonable terms, to be ascertained on application to Dr. E. L. RUTHERFORD, Medical Superintendent at the Asylum.

By order,  
GEORGE R. SHORTO,  
Clerk to Visitors.

8th October, 1888.

## Hampden House, Phoenix St.,

N.W. rear of St. Pancras (Midland) Station.—City Offices: 3 and 4, Bouverie Street, Fleet Street, E.C.—Students and Gentlemen engaged in Professional or Commercial Pursuits will find here a desirable and conveniently-situated Residence. The House contains, in addition to all usual Club Rooms, over one hundred Bedrooms, spacious Art Studios, a large Hall, a Masonic Temple, a Gymnasium and Tennis Court, Common Rooms for Separate Societies, &c.—THOS. MOSS, B.A., General Secretary.

## Sea-side Home.—Medical Care

and Supervision.—A married medical man of large experience, residing in the best part of a noted health resort, wishes to receive a resident patient; a child, or an incurable case not objected to. Carriage exercise, lawn tennis, sea bathing, cheerful and refined society. Massage and baths of all kinds close at hand.—Apply, 77, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

## Peterborough House, Fulham,

S.W. (close to the Parson's Green Station, District Railway), a Private Asylum for the Cure and Treatment of Ladies Mentally Afflicted.

This Establishment, removed from Earl's Court House, South Kensington, has grounds of 12 acres, tastefully laid out.

Resident Proprietress: Mrs. GARDNER HILL.

For terms and particulars apply to

J. R. HILL, L.R.C.P.,  
Resident Medical Superintendent.

## York Lunatic Asylum.

The Governors of this Institution, which is capable of accommodating about 200 Patients, having expended a large sum of money in extensive alterations and improvements, which include the erection of billiard-room, American bowling-alley, recreation and dining hall, in addition to spacious and well-ventilated sitting and bed rooms for first-class patients, lofty corridors for in-door exercise, and numerous and healthy sitting and bed rooms for associated Patients, now offer superior accommodation for the reception of lady and gentlemen Patients.

The Asylum is efficiently heated by steam, has ample recreation grounds, gardens, etc., and is pleasantly situated in the suburbs of the City of York. In addition to the resident Medical Superintendent, a Consulting Physician regularly visits the Patients. Terms, including carriage exercise, from two guineas per week.

There are vacancies for Patients at a lower scale according to circumstances.

Information as to terms, etc., may be obtained on application to

Dr. HITCHCOCK,  
Resident Medical Superintendent

## St. Andrew's Hospital for MENTAL DISEASES, NORTHAMPTON.

President: the Right Hon. The Earl SPENCER, K.G.  
Chairman of the Committee of Management: The Most Hon. the Marquis of NORTHAMPTON, K.G.

The main object of the Directors is to provide accommodation and comforts suitable to the former social and present mental condition of persons belonging to the Upper and Middle Classes, at moderate rates of payment.

The Institution is pleasantly situated one mile from the Northampton Station, London and North Western main line, 1½ hours from London, and it is surrounded by over 100 acres of pleasure grounds.

There are also Houses at Moulton Park, a branch establishment two miles from the Hospital, and Sea-side Houses in the neighbourhood of Conway and Penmaenmawr, to which Patients can be sent.

Terms from £1 5s. to £3 3s. per week, according to the requirements of the case.

These may be reduced if the Committee of Management are satisfied that so much cannot be afforded.

Patients paying higher rates can have special accommodation, carriages, horses, &c.

For further information apply to the Medical Superintendent.

### TREATMENT OF INEBRIETY.

## Dalrymple Home, The Cedars,

Rickmansworth, Herts. For Gentlemen under the Act, and privately. 2 to 5 guineas.—Apply to E. W. BRANTHWAITE, L.R.C.P., Medical Superintendent.

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MENTAL DISEASES, Barnwood, near Gloucester.

Exclusively for PRIVATE PATIENTS of the UPPER and MIDDLE CLASSES.

This Institution is devoted to the care and treatment of persons of both sexes at moderate rates of payment.

The terms vary according to the requirements of the patients, who can have private rooms and special attendants, or be accommodated in detached villas and in the branch convalescent establishment on the hills.

Under special circumstances the rates of payment may be greatly reduced by the Committee.

For further information apply to Dr. NEEDHAM, the Medical Superintendent.

## STRETTON HOUSE

PRIVATE ASYLUM,  
CHURCH STRETTON, SALOP.

Established 1853.

This asylum is for Gentlemen of the upper and middle classes, and possesses many natural advantages. It stands 600 ft. above sea level, amidst unrivalled hill scenery. Bracing atmosphere, extensive grounds, a large farm, workshops, and best facilities for recreation and occupation. Terms moderate. A new wing, with suites of rooms for first-class patients, just been added.

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**THE RETREAT, FAIRFORD, GLOUCESTERSHIRE.**  
Three hours from London, 1 hour from Oxford, G.W.R. Estab. 1832. A Home for the care and cure of ladies and gentlemen mentally afflicted. Private rooms and special attendants if required. Situation healthy. Grounds extensive. Terms very moderate. Apply to D. ILES, M.R.C.S., Res. Medical Supt. and Proprietor.

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Inebriety. A vacancy in the HOME of a medical man of great experience—living in an elevated healthy country district. Home comforts, carriage exercise. A mild mental case not objected to.—Apply, T. G. McLAUGHLAN, M.B. and C.M., Hales Owen, Worcestershire.

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married Physician, whose home is exceptionally comfortable and pleasantly situated, receives a few select PATIENTS (not mental).—Full particulars with reference to former patients on application to M.D., care of Mr. FOULTON, Stationer, Aylesbury.

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Invalids, or any requiring care received. Massage if desired by certificated masseuses. Every comfort of a refined home. Trained lady nurses. Large cheerful house. Beautifully wooded drive down to sea. Terms from Three Guineas inclusive. Highest references. Established two years.—Apply, Miss WILLIAMSON, Stepney Lodge, Scarborough.

### Jersey.—Cranbourne Hall, Grouville.

Dry soil, mild winters. Private HOME for Mental, Inebriate and Delicate patients. Has been successfully conducted six years by Mrs. Jackson, Lady Superintendent, with all possible freedom and home comforts. Music, driving, tennis, bathing, boating, etc. Medical Superintendent, Dr. F. W. L. HODDER.

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WICK BOARDING HOUSE, Hardwick Sqr. Most pleasantly situated near the Baths on limestone soil on an elevation from the town. Every care and attention shewn to patients and visitors. Special winter terms on application to Miss PALMER, Proprietress.

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House of Recovery for the mentally afflicted and nervous Invalids of both sexes. This Institution has enjoyed the confidence of the medical profession and the public for 64 years. The greatest care is taken to render it a Domestic Home and House of Recovery rather than an Asylum, in the general acceptance of the term. Very extensive and picturesque pleasure and recreation grounds are attached. Visiting Physicians, Dr. LEEPER and Dr. ALLEN.—For particulars apply to ALEX. D. ALLEN, Proprietor.

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SEASON 1888-1889.

The Taoro Hotels Company (Limited) have acquired the above Hotel, as also the Marquesa and Buena Vista. [The new English Grand Hotel on the hill is expected to be ready in November next.] They are now under entirely new and English management, and contain 120 bed-rooms. Lawn Tennis, Billiards, Riding and Driving. Pure water, dry and bracing air, finest climate in the world; absolutely no winter.

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pleasant and healthy country town near London, wishes to receive one or two INVALIDS, not mental, requiring medical or surgical supervision. References.—Address, W., 98, Queen's Gate, South Kensington.

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for a Patient who requires a comfortable home and a little medical supervision in a commodious detached house, pleasantly situated.—Address, M. D., 23, Greville Road, Maida Vale, N.W.

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Man, living in a healthy picturesque neighbourhood on the borders of Devonshire, has a vacancy for a patient.—Apply, M.R.C.S., Braynes House, Wiveliscombe.

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DEFECTS OF SPEECH—WILLIAM VAN PRAAGH, Esq.

The Hospital contains accommodation for Seventeen In-Patients, and has a very extensive Out-Patient Department, which is open to all Medical Practitioners and Students for the purpose of Clinical Demonstration and Instruction during the hours of the Surgeons' visits. During the past year, 6,257 Out-Patients, and 230 In-Patients were treated. Lime-light Illumination is employed.

Fee for three months' attendance, Two Guineas; for six months', Three Guineas.

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Principal—Mrs. PRESCOTT.

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a pleasant Square within easy distance of St. George's, University College, Charing Cross and St. Mary's Hospitals, is willing to receive a Student to BOARD. Every home comfort. Terms £100 a year.—Write, Dr. CHARLES, May's Advertising Offices, 162, Piccadilly, W.

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FOUNDED 1788.

INCORPORATED BY ROYAL CHARTER 1864.

Members are reminded that a QUARTERLY COURT of DIRECTORS will be held on Wednesday, October 9th. Candidates for admission into the Society desirous of being balloted for at the Meeting must send their forms of proposal to the Secretary on or before Sept. 17th. The forms of proposal may be obtained from the Secretary. The benefits of the Society are restricted to the families of deceased Members of not less than three years' standing. Registered Medical Practitioners, resident within a radius of twenty miles from Charing Cross, are eligible for election as members. The Secretary attends at the office every Wednesday and Friday from 4 to 5 o'clock.

J. B. BLACKETT,

53, Berners Street, W., Secretary.  
September 2nd, 1889.

N.B.—After 1st October the Offices of the Society will be at 20, Hanover Square, W.

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President ... Dr. B. W. RICHARDSON, F.R.S.

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Personal Abstinence from all Intoxicating Liquors as Beverages. A registered or registrable medical qualification. Annual Subscription, 6s. or upwards. Registered Medical Students are admitted as Associates. Subscriptions, 2s. 6d. per annum.

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Preparation for Army, City and Guilds of London Institute (to which there is an annual Exhibition of £30), London Matriculation, Local Exams., &c. In all above exams., boys have been successful direct from the school. Special mercantile and scientific sides. Six Exhibitions. Tuition fees, £9, £6, £4 a year. Boarders received.

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## University College Medical

SCHOOL and HOSPITAL.

The SESSION will be opened on Tuesday, October 1st, with an Inaugural Address by Mr. R. J. GODLEE, M.S., B.A., F.R.C.S., at 4 p.m.

The Annual Dinner of the Old and New Students will take place in the General Library of the College, at 6.30 p.m., WILLIAM CADGE, Esq., F.R.C.S., in the chair.

ENTRANCE EXHIBITIONS.—The Council of University College annually offer Exhibitions of £100, £60, and £40 respectively for proficiency in Science, the subjects of Examination being those of the Preliminary Scientific Examination of the University of London. The next Examination will be held on September 24th and 25th.

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Tutorial classes are also held to prepare students for the Examinations of the Conjoint Board and other corporations. All the hospital beds are available for Clinical Study and Instruction, so that every student may, both as Clinical Clerk and Dresser, obtain a practical knowledge of the diagnosis and treatment of all important forms of disease, under the direct supervision of the medical staff. There are Special Wards for Diseases of Women, Children, of the Skin, and the Eye.

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For Prospectus of the Medical or Science Classes and for detailed information, application should be made to the Secretary of University College; and parents who desire advice with regard to the education of their sons and the course of study are requested to address the Dean, Prof. John Williams, M.D., or the Sub-Dean, Prof. Thane.

J. M. HORSBURGH, M.A., Secretary.



# King's College, London.

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Demonstrator—A. S. Kenny.  
Physiology and Practical Physiology—Professor Gerald F. Yeo, M.D., F.R.S.

Demonstrators—E. F. Herroun and C. J. Martin, B.Sc.

Chemistry and Practical Chemistry—Professor J. M. Thomson, F.R.S.E.

Demonstrators—G. S. Johnson, F.C.S., and H. Jackson, F.C.S.

Medicine (Principles and Practice of)—Professor L. S. Beale, M.B., F.R.S.

Surgery and Practical Surgery—Professor W. Rose, M.B., B.S., F.R.C.S.

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Operative Surgery—W. W. Cheyne, M.B., C.M., F.R.C.S.

Botany—Professor Groves, F.L.S.

Materia Medica and Therapeutics—Professor N. I. C. Tirard, M.D.

Obstetric Medicine and the Diseases of Women and Children—Professor W. Playfair, M.D., F.R.C.P.

Forensic Medicine—Professor W. R. Smith, M.D., D.Sc.

Comparative Anatomy and Zoology—Professor F. Jeffery Bell, M.A.

Pathological Anatomy—Professor A. B. Duffin, M.D., F.R.C.P.

Hygiene—Professor Charles Kelly, M.D., F.R.C.P.

Clinical Therapeutics—Professor Burney Yeo, M.D., F.R.C.P.

Dental Surgery—Professor A. S. Underwood.

Aural Surgeon—Professor U. Pritchard, M.D., F.R.C.S.

Ophthalmology—Prof. M. M. McHardy, F.R.C.S. Edin.

Psychological Medicine—Professor Edgar Sheppard.

Comparative Pathology and Bacteriology—Professor E. M. Crookshank, M.B.

Demonstrator—W. K. Dale.

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Assistant-Physicians—Dr. Tirard, Dr. N. Dalton.

Dental Surgeon—A. S. Underwood.

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Dental, Aural, Skin, and Throat Departments, and Wards for Children and Ophthalmic Cases are attached to the Hospital.

The Physician's Assistant, Physician-Accoucher's Assistant, and House-Surgeons, their Assistants, Clinical Clerks and Dressers, are selected by examination from amongst the Students, without extra fees; the Resident Officers have rooms and commons free.

## SCHOLARSHIPS, EXHIBITIONS, REGISTRARSHIPS, AND PRIZES.

WARNEFORD SCHOLARSHIPS.—Students entering the Medical Department of the College in October will have the exclusive privilege of contend-

### KING'S COLLEGE, LONDON—continued.

ing for Two Scholarships of £75 each. These Scholarships are given for proficiency in Divinity, Classics, Mathematics, History, and English. **Three additional Scholarships of £25 each per annum for two years will be given in October next.**

Five Medical Scholarships are awarded at the close of each Winter Session for proficiency in professional subjects—viz., one of £80, one of £30, and three of £20.

A Warneford Scholarship of £50, is also annually awarded for proficiency in Divinity, Medicine, Surgery, and Hospital Practice.

Sam Brooke Registrarships: Two of £50, tenable for two years, are annually awarded to Matriculated Students of this department.

Sam Brooke Exhibitions: Two annually, one of £60 and one of £40, are awarded for proficiency in Mathematics, Experimental Physics, Inorganic Chemistry, Botany, and Zoology.

Daniell Scholarship: One of £40, given for proficiency in Chemistry.

Rabbeth Scholarship: One of £20, given for early Scientific Training.

Science Exhibitions: Two annually, one of £100 and one of £50, given by the Clothworkers' Company.

Endowed Prizes of the value of £25, £15, £10, and £4 4s. each, and other College Prizes of the value of £40, are annually awarded.

For prospectuses or other information, apply, personally or by post-card, to J. W. CUNNINGHAM, Esq., Secretary, or to Professor CURNOW, Dean of the Department.

## The Dental Hospital of

LONDON MEDICAL SCHOOL,  
Leicester Square.

The WINTER SESSION will commence on Tuesday, October 1st.

### LECTURES.

Mechanical Dentistry—Mr. David Hepburn, L.D.S., on Wednesdays, at 5 p.m., commencing on October 2nd.

Metallurgy in its Application to Dental Purposes—Professor A. K. Huntington, F.C.S., on Tuesdays, at 12 a.m., commencing October 1st.

The SUMMER SESSION will commence in May, 1890.

Dental Surgery and Pathology—Mr. Storer Bennett, on Tuesdays and Fridays, at 8 a.m.

Dental Anatomy and Physiology (Human and Comparative)—Mr. Arthur Underwood, M.R.C.S., L.D.S., on Wednesdays and Saturdays, at 8 a.m.

### DENTAL HOSPITAL OF LONDON.

Consulting Physician—Sir J. Risdon Bennett, M.D., LL.D., F.R.S.

Consulting Surgeon—Mr. Christopher Heath, F.R.C.S.

Consulting Dental Surgeons—Mr. S. Cartwright, F.R.C.S.; Sir John Tomes, F.R.S.

*Assistant*  
a.m. Dental Surgeons. Dental Surgeons.

Mon. 9 Mr. D. Hepburn. Mr. L. Matheson.

Tues. „ Mr. R. Woodhouse. Mr. W. Hern.

Wed. „ Mr. Gregson. Mr. E. Lloyd Williams.

Thurs. „ Mr. Storer Bennett. Mr. G. Parkinson.

Frid. „ Mr. Claude Rogers. Mr. L. Read.

Sat. „ Mr. Truman. Mr. Paterson.

Anæsthetists—Mr. Braine, Mr. Bailey, Mr. Bird, Mr. Mills.

Assistant-Anæsthetists—Dr. D. W. Buxton, Dr. F. Hewitt.

Medical Tutor—Mr. H. Baldwin.

Demonstrators—Mr. J. F. Colyer; Mr. C. F. Rilot.

House-Surgeons—Messrs. Smith, Porter, and A. K. Colyer.

Assistant House-Surgeons—Messrs. Hordern and Preedy.

The Medical Tutor holds Classes before each examination. The Demonstrator attends each day.

The House-Surgeon and Assistant House-Surgeons attend daily while the Hospital is open.

During the Sessions the Surgeons of the day will, if practicable, give Demonstrations.

The Saunders Scholarships of £20 per annum and Prizes are open for competition.

Fee for two years' Hospital Practice required by the curriculum, including Lectures, £31 10s. The curriculum requires two years to be passed at a General Hospital. The fee for this is £40 or £50.

Both Hospitals can be attended simultaneously.

The Calendar may be obtained on application to the Dean, at the Hospital, where he will attend in the afternoons from September 28th to October 1st inclusive, from 5 till 5.30 o'clock, or on Wednesday mornings from 10.30 till 12.

MORTON SMALE, Dean.

## St. Bartholomew's Hospital and COLLEGE.

### OPEN SCHOLARSHIPS.

Four Scholarships and One Exhibition, respectively worth £130, £65, £50, £50, and £20 each, tenable for one year, will be competed for in September, 1889—viz.: One Senior Open Scholarship of the value of £65 will be awarded to the best candidate (if of sufficient merit) in Physics and Chemistry. One Senior Open Scholarship of the value of £65 will be awarded to the best candidate (if of sufficient merit) in Biology and Physiology.

Candidates for these Scholarships must be under twenty-five years of age, and must not have entered to the Medical and Surgical Practice of any London medical school.

Our Junior Open Scholarship in Science, value £130, and one Preliminary Scientific Exhibition, value £50, will be awarded to the best candidates under twenty years of age (if of sufficient merit) in Physics, Chemistry, Botany, and Biology. The questions for the Scholarship of £130 will be of about the range required for Honours in the London University Preliminary Scientific Examination, and those for the Preliminary Scientific Exhibition will be of about the range of the pass questions in that examination. The Jefferson Exhibition (value £20) will be competed for at the same time. The subjects of examination are Latin, Mathematics, and any two of the three following languages—Greek, French, and German.

The Classical subjects are those of the London University Matriculation Examination of July, 1889. The successful candidates in all these Scholarships will be required to enter to the full course at St. Bartholomew's Hospital in the October succeeding the Examination. The Examination for these Scholarships will be held on Sept. 25th, 1889.

For particulars, application may be made, personally or by letter, to the Warden of the College, St. Bartholomew's Hospital, E.C.

## St. Bartholomew's Hospital and COLLEGE.

The WINTER SESSION will begin on Tuesday, October 1st, 1889.

Students can reside in the College within the Hospital walls, subject to the collegiate regulations. The Hospital comprises a service of 748 beds (including 70 for convalescents at Swanley). For further particulars, apply personally or by letter, to the WARDEN of the College, St. Bartholomew's Hospital, E.C.

A handbook forwarded on application.

## St. Bartholomew's Hospital and COLLEGE.

### PRELIMINARY SCIENTIFIC CLASS.

Systematic Courses of Lectures and Laboratory Work in the subjects of the Preliminary Scientific and Intermediate B.Sc. Examinations of the University of London will commence on October 1st, and continue till July, 1890.

Fee for the whole course, £18 18s., or £16 16s. to students of the Hospital; or £5 5s. each for single students.

There is a special class for the January Examination.

For further particulars apply to the Warden of the College, St. Bartholomew's Hospital, London, E.C.

A handbook forwarded on application.

## City of London Hospital for DISEASES of the CHEST, Victoria Park, E.

On and after October 1st, 1889, the practice of this Hospital, consisting of a service of 164 beds and of a very large out-patient department, will be open to medical practitioners and students for systematic instruction.

Clinical Demonstrations upon the Diagnosis and Treatment of the chief Diseases of the Chest will be given fortnightly, or oftener, by members of the medical staff. The subject of each demonstration will be duly announced. Attendance upon the practice of the Hospital is recognised by the University of London for three months' attention to Clinical Medicine.

FEES.—Three months' course, £2 2s.; six months course, £3 3s.

All communications should be addressed to the Clinical Sub-committee of the Hospital.

# Charing Cross Hospital MEDICAL SCHOOL.

SESSION, 1889-90.

The SESSION will commence on TUESDAY, October 1st.  
The Hospital contains 180 beds, making, with the 50 beds of the adjoining Royal Westminster Ophthalmic Hospital, to the practice of which general Students are admitted, a total of 230 beds available for Clinical teaching.

**MEDICAL AND SURGICAL STAFF.**  
Consulting Physicians—Sir Joseph Fayrer, M.D., K.C.S.I., F.R.S.; Sir Guyer Hunter, M.D., K.C.M.G., M.P.

Consulting Surgeon—Richard Barwell, F.R.C.S.  
Physicians—A. J. Pollock, M.D., F.R.C.P.; T. Henry Green, M.D., F.R.C.P.; J. Mitchell Bruce, M.A., M.D., F.R.C.P.  
Physicians to Out-Patients—J. Abercrombie, M.D., F.R.C.P.; M. Lubbock, M.D., F.R.C.P.  
Assistant-Physicians—F. Willcocks, M.D.; H. M. Murray, M.D.

Physician-Accoucheur—J. Watt Black, M.A., M.D., F.R.C.P.  
Assistant Physician-Accoucheur—Amand Routh, B.S., M.D.

Physician for Skin Diseases—A. Sangster, B.A., M.B., F.R.C.P.  
Medical Registrar—F. W. Mott, M.D., B.S., M.R.C.P.

Surgeons—E. Bellamy, F.R.C.S.; J. Astley Bloxam, F.R.C.S.; J. H. Morgan, M.A., F.R.C.S.  
Assistant-Surgeons—Stanley Boyd, B.S., M.B., F.R.C.S.; A. M. Shield, M.B., B.S., F.R.C.S.; B. Wainwright, M.D., C.M., F.R.C.S.

Dental Surgeon—John Fairbank, M.R.C.S.  
Chloroformists—F. Woodhouse Braine, F.R.C.S.; J. Hewitt, M.D., M.R.C.S.

Assistant Chloroformist—C. Carter Braine, M.R.C.S., L.R.C.P.  
Surgical Registrar—F. O. Stedman, M.D., B.S.

The Charing Cross Hospital occupies a position in the very centre of London, which is highly advantageous for the study of every variety of disease and injury. The Physicians and Surgeons give Clinical Instruction in the wards and out-patient rooms daily, and deliver Clinical Lectures regularly. Every student is required to serve as Clerk and Dresser under the direction of the staff. There are special departments for Diseases of Women and Midwifery, Diseases of Children, of the Skin, the Ear, the Throat, and the Teeth; while the students are admitted free to the practice of the Royal Westminster Ophthalmic Hospital. Systematic courses of Practical Medicine and Surgery are now established.

**LECTURERS AND DEMONSTRATORS.**

Anatomy—Stanley Boyd, M.B., B.S., F.R.C.S.  
Physiology—Physiology Practical—Dr. F. W. Mott, Medicine—Dr. Pollock, F.R.C.P.

Surgery—E. Bellamy, F.R.C.S.  
Chemistry—Chemistry Practical—C. W. Heaton, F.I.C., F.C.S.

Dissections—F. C. Wallis, M.B., B.S. Cantab.; C. J. Woollett, M.R.C.S., L.R.C.P.

Therapeutics—Dr. J. Mitchell Bruce, M.A., F.R.C.P.  
Midwifery—Dr. Black, M.A., F.R.C.P.  
Forensic Medicine: (a) Medical Jurisprudence—Dr. Abercrombie, B.A. (b) Toxicology—Mr. Heaton, F.I.C., F.C.S.

Pathology—Dr. Murray.  
Materia Medica and Botany—Dr. Willcocks.  
Practical Chemistry—Mr. Heaton, F.I.C., F.C.S., and Demonstrators.

Comparative Anatomy—Dr. Garson.  
Hygiene and Public Health—Mr. Heaton, F.I.C., F.C.S.

Dental Surgery—John Fairbank, M.R.C.S.  
Clinical Medicine—The Physicians and Assistant-Physicians.

Clinical Surgery—The Surgeons and Assistant-Surgeons.

Aural Surgery—Mr. Shield.  
Throat Diseases—Dr. Willcocks.

Practical Surgery: (a) Minor Surgery—Mr. Bloxam; (b) Surgical Pathology—Mr. Morgan; (c) Operative Surgery—Mr. Boyd.

Surgical Tutorial Classes—Mr. Shield.  
Practical Medicine—Dr. Willcocks and Dr. Murray.  
Skin Diseases—Dr. Sangster.

The Dissecting Room, Physiological Laboratory, and Chemical Laboratories are open daily from nine till four. In each department the students receive individual instruction from the lecturer, demonstrators, and assistant demonstrators, both practically and on a tutorial system. Written examinations are held regularly throughout the sessions. The students enjoy the advantages of the Museum, Library, and Reading Room.

## CHARING CROSS HOSPITAL MEDICAL SCHOOL—continued.

UNIVERSITY OF LONDON.

INSTRUCTION FOR THE PRELIMINARY SCIENTIFIC (M.B.) EXAMINATION OF THE UNIVERSITY OF LONDON. See separate advertisement.

**SCHOLARSHIPS, MEDALS, AND PRIZES.**  
TWO ENTRANCE SCHOLARSHIPS, of the value of 100 guineas and 50 guineas respectively, are awarded annually in October.

A SCHOLARSHIP of the value of 50 guineas is open to Students from the University of Oxford who have passed the First M.B. Examination, and to Students from the University of Cambridge who have passed the Second M.B. Examination, and who have not entered at any London Medical School.

Candidates for the above Scholarships are required to give notice of their intention to compete on or before Saturday, September 21st.

The GOLDING SCHOLARSHIP of £15 is awarded to first-year Students. The LLEWELLYN SCHOLARSHIP of £25 to third-year Students. The Governors' Gold Medal for Clinical Medicine and Surgery to Senior Students. The Pereira Prize of £5 for the best Clinical Reports. Silver and Bronze Medals, or an equivalent in Books, and Certificates of Honour are awarded in the various classes.

**APPOINTMENTS OPEN TO STUDENTS.**

Medical Registrar (salary £40 per annum); Surgical Registrar (salary £40 per annum); House-Surgeons (4), House-Physicians (4), Resident Obstetrical Officers (2), Assistant Prosecutors of Anatomy, Demonstrators of Anatomy, Chemistry, Pathology, and Physiology, Clinical Clerks, Surgeons' Dressers, Pathological, Electrical, and Midwifery Assistants, &c.

**FEES.**—For the curriculum of study required by the various Examining Bodies and hospital practice, 90 guineas in one sum, or 100 guineas in five instalments.

The composition fee for Dental Students is £42 2s., which can be paid in two instalments. Practical Instruction in Dental Surgery is given three times a week.

\* The hours of Lectures have been specially arranged to suit the convenience of Dental Students. Charing Cross Hospital is within three minutes' walk of the Dental Hospital of London.

Gentlemen can enter to any course of Lectures, or to Hospital practice only; and such occasional Students are allowed to compete for prizes and hold appointments with certain reservations.

\* The Medical School is being considerably enlarged, and in addition to other improvements new Physiological and Pathological Laboratories will be erected, and an additional reading and writing room provided for the use of the students.

A prospectus, containing much additional information, will be forwarded on application to the Librarian and Secretary, Mr. J. Francis Pink, at the Office of the School, Chandos Street, Charing Cross, between the hours of 10 and 4.

J. MITCHELL BRUCE, M.A., M.D., Dean.

## HOSPITAL STAFF OF THE ROYAL WESTMINSTER OPHTHALMIC HOSPITAL.

To whose practice the general Students are admitted free:—

Consulting Surgeon—Henry Power, M.B., F.R.C.S.  
Surgeons—James Rouse, F.R.C.S.; George Cowell, F.R.C.S.; Charles Macnamara, F.R.C.S.; J. Frost, F.R.C.S.; G. Hartridge, F.R.C.S.; Henry Juler, F.R.C.S.; B. Wainwright, F.R.C.S.

## Preliminary Science Instruction.

Arrangements have been made by the Medical Schools of the Charing-cross, Middlesex, St. George's, and Westminster Hospitals for Students desirous of undergoing a Course of Instruction in Science such as that required for the PRELIMINARY SCIENTIFIC (M.B.) EXAMINATION of the University of London, to attend the Lectures and Practical Instruction in Biology, and a portion of the ordinary Courses in Physics and Chemistry, at the NORMAL SCHOOL OF SCIENCE, South Kensington. For further particulars apply to the Deans of the respective Schools.

## Shorthand.—Every Medical

Student should write to the METROPOLITAN SCHOOL OF SHORTHAND, Limited, 27, Chancery Lane, for a copy of the article which appeared in *The Lancet* in the number for June 15th, 1889, on the subject of Shorthand. Also the remarks of the *British Medical Journal*, together with the particulars and prospectus of the above School.

# Westminster Hospital MEDICAL SCHOOL, Caxton Street, S.W.

**HOSPITAL STAFF.**

Consulting Physician—Dr. Fincham.  
Physicians—Dr. Sturges, Dr. Allchin, Dr. Donkin.  
Physicians for Out-patients and Assistant-Physician—Dr. de Havilland Hall, Dr. Hughes Bennett, Dr. Murrell.

Consulting Surgeons—Mr. Barnard Holt, Mr. Holt-house.

Surgeons—Mr. Cowell, Mr. Richard Davy, Mr. Macnamara.

Surgeon for Out-patients and Assistant Surgeons—Mr. Bond, Mr. Cooke, Mr. Stonham, Mr. Spencer.

Obstetric Physician—Dr. Potter.

Assistant Obstetric Physician—Dr. Grigg.

Dental Surgeons—Dr. Walker, Mr. Morton Smale.

Surgeon in charge of the Eye Department—Mr. Cowell.

Surgeon in charge of the Orthopaedic Department—Mr. R. Davy.

Aural Surgeon—Mr. James Black.

Physician in charge of the Skin Department—Dr. Colcott Fox.

Physician in charge of the Throat Department—Dr. de Havilland Hall.

**LECTURES, &c.**

Medicine—Dr. Sturges, Dr. Allchin. Surgery—Mr. Cowell, Mr. Macnamara. Practical and Operative Surgery—Mr. Richard Davy, F.R.S.E., Mr. Stonham, Mr. Spencer. Anatomy—Mr. James Black. Dissections—Mr. Hebbert. Pathology—Dr. Allchin, F.R.S.E., and Dr. Hebbert. Physiology and Histology—Dr. P. S. Abraham. Chemistry and Toxicology—Dr. Dupré, F.R.S. Practical Chemistry—Dr. Wilson Hake. Materia Medica and Therapeutics—Dr. Murrell. Botany—Mr. Worsley-Benson. Midwifery—Dr. Potter. Forensic Medicine with Insanity—Dr. de Havilland Hall and Dr. Mercier. Ophthalmic Surgery—Mr. Cowell. Orthopaedic Surgery—Mr. R. Davy. Dental Surgery—Dr. Walker. Skin Diseases—Dr. Colcott Fox. Aural Surgery—Mr. Black. Neurology and Alienism—Dr. Mercier. Experimental Physics—Dr. George Ogilvie.

The WINTER SESSION will begin on Wednesday, October 2nd, with an Introductory Address by Dr. P. S. Abraham, at 4 p.m., after which the Prizes of the past year will be distributed by Professor Alexander McAlister, F.R.S.

Two Entrance Scholarships (September 23rd and 24th), value £80, and £40 respectively. Subjects: Latin, Mathematics, French or German, and Chemistry and Natural Philosophy. The Latin Books the same as the June Examination of the University of London Matriculation. (Virgil's *Aeneid*, Books i. and v.)

A Scholarship, value £20, is offered to commencing Dental Students.

There are also the Treasurer's Prize, value £10 10s., for first year's subjects; the President's Prize in Anatomy and Physiology, value £21, for second-year's men, given by his Grace the Duke of Westminster; Prizes for Clinical Medicine and Surgery of £5 each; the Frederick Bird Medal and Prize, value £14; the Chadwick Prize for General Proficiency, value £21; and Special Class Prizes; numerous Dresserships and Clerks' prizes; the posts of Pathologist and Curator, £50 a year each; Medical and Surgical Registrar, each with £40 a year; and of House-Physicians (2), House-Surgeons (2), and Resident Obstetric Assistant.

**FEES.**—In one payment, £105; in two payments, £110; or in five payments, £120. Fees for the shorter periods or for single courses may be learned on application to the Dean. Fees for Dental Students, 50 guineas in one sum, or 55 in two payments.

Special tutorial assistance is given to students from time to time by members of the staff.

Special arrangements are made for Students who may require it, to attend the teaching of Biology, Physics, &c., at the Normal School of Science, South Kensington.

A prospectus forwarded and all particulars to be obtained on application to

H. B. DONKIN, M.B. Oxon., Dean.

Westminster Hospital, S.W.

## School Home for Young

BOYS, Granville House, West Cliff, Eastbourne.—Mrs. C. H. de la Mothe (widow of the late Rev. C. H. de la Mothe, late Deputy Chaplain Chapel Royal, Whitehall), receives young boys requiring sea air and careful training combined with sound ground work. Strongly recommended by the Rev. Dr. Jex Blake (late Head Master of Rugby), Col. and Mrs. Trench, the Rev. Canon Duckworth, Dr. Broadbent, &c. N.B.—Children whose parents are in India or abroad are also received.

## The Middlesex Hospital MEDICAL SCHOOL.

The WINTER SESSION 1889-90 will open on Tuesday, October 1st, at 3 p.m., when the Prizes awarded during the previous Winter and Summer Sessions will be distributed by the Right Hon. Lord SANDHURST, and an Introductory Address will be delivered by J. BLAND SUTTON, Esq., F.R.C.S., followed by a reception in the School Buildings.

The ANNUAL DINNER of the past and present Students and their friends will take place the same evening at the Holborn Restaurant at 7 o'clock, Dr. Douglas Powell in the chair.

### HOSPITAL STAFF.

Consulting Physicians—Dr. Henry Thompson, Dr. Goodfellow.  
Physicians—Dr. Cayley, Dr. Sidney Coupland, Dr. Douglas Powell, Dr. D. W. Finlay.  
Assistant Physicians—Dr. J. K. Fowler, Dr. C. Y. Biss, Dr. J. J. Pringle, Dr. W. Pasteur.  
Obstetric Physician—Dr. W. Duncan.  
Consulting Physician to the Skin Department—Dr. Robert Livinge.  
Physician to the Skin Department—Dr. J. J. Pringle.  
Assistant Obstetric Physician—Dr. R. Boxall.  
Consulting Surgeons—Mr. Shaw, Mr. Nunn.  
Surgeons—Mr. J. W. Hulke, F.R.S., Mr. George Lawson, Mr. Henry Morris, Mr. Andrew Clark.  
Assistant Surgeons—Mr. A. Pearce Gould, Mr. J. Bland Sutton.  
Ophthalmic Surgeon—Mr. William Lang.  
Aural Surgeon—Mr. Arthur Hensman.  
Consulting Surgeon Dentists—Sir John Tomes, F.R.S., Mr. J. S. Turner.  
Dental Surgeon—Mr. Storer Bennett.  
Assistant Dental Surgeon—Mr. W. Hern.  
Curator of Museum and Pathologist—Mr. L. Hudson.  
Registrars—Dr. W. E. Wynter and Mr. W. Roger Williams, F.R.C.S.  
Anaesthetists—Mr. G. Everitt Norton, Dr. McCausland.  
Resident Medical Officer—Mr. E. A. Fardon.

### LECTURERS.

Principles and Practice of Medicine—Dr. Cayley.  
Principles and Practice of Surgery—Mr. Morris, M.A., M.B.  
Practical Medicine and Therapeutics—Dr. Coupland, Dr. Douglas Powell.  
Practical Surgery—Mr. Andrew Clark.  
Physiology and General Anatomy—Mr. B. Thompson Lowne, F.L.S.  
Descriptive and Surgical Anatomy—Mr. Arthur Hensman.  
Chemistry and Practical Chemistry—Mr. W. Foster, M.A. Cantab.  
Pathological Anatomy—Dr. J. K. Fowler, M.A.  
Dissecting-room—Mr. Hensman, Mr. J. B. Sutton, Mr. C. G. Brodie, and Mr. T. Carwardine.  
Midwifery and Diseases of Women and Children—Dr. W. Duncan.  
Practical Midwifery—Dr. R. Boxall.  
Materia Medica—Dr. Biss, M.A. Cantab.  
Forensic Medicine—Dr. D. W. Finlay, B.A.  
Practical Physiology and Histology—Mr. B. Thompson Lowne, F.L.S.  
Public Health—Dr. D. W. Finlay, B.A.  
Psychological Medicine—Dr. W. J. Mickle.  
Comparative Anatomy and Zoology—Mr. J. B. Sutton.  
Clinical Lectures on Medicine—Dr. Cayley, Dr. Coupland, Dr. Douglas Powell, Dr. D. W. Finlay, B.A.  
Clinical Lectures on Surgery—Mr. Hulke, F.R.S., Mr. George Lawson, Mr. Morris.  
Clinical Lectures on Diseases of Women and Children—Dr. W. Duncan.  
Clinical Lectures on Diseases of the Eye—Mr. William Lang.  
Clinical Lectures on Dental Surgery—Mr. Storer Bennett.  
Practical Demonstrations on Diseases of the Throat and Ear—Mr. Hensman.  
The Hospital contains 310 beds. There are Special Departments for Cancer, Diseases of the Eye, Diseases of Women and Children, and Syphilis. In the Out-Patients' Department special days are devoted to Diseases of Children, the Throat and Ear, the Skin, and cases requiring Electrical treatment.  
There are sixteen Resident Clinical Appointments open to Students of the Hospital annually.

**SCHOLARSHIPS AND PRIZES.**—Two Entrance Scholarships of the value of £100 and £80 respectively are awarded at the commencement of the Winter Session. Two Broderip Scholarships, of the value of £60 and £40 respectively, are also awarded

## THE MIDDLESEX HOSPITAL MEDICAL SCHOOL—continued.

every year for proficiency in clinical knowledge. The Hetley Prize, value £25, is awarded annually for proficiency in Clinical Medicine, Surgery, and Obstetrics. The Murray Scholarship in connection with the University of Aberdeen will be awarded in May, 1892. The Lyell Medal, value 5 guineas, is awarded annually to third-year Students. An Exhibition, value 10 guineas, is open to Students at the end of their first year. The Governor's Prize of 20 guineas is annually given to the Student who, at the end of his third winter, shall pass the best Clinical Examination in the Out-Patient Department. Class Prizes are also given.

Clerkships and Dresserships are awarded without fee, and the Clerk and Dresser of the week dine at the board-room table, to have the opportunity of seeing cases that may be admitted during the evening.

The Tutors assist all General Students, especially those preparing for their Examinations, and thus the necessity of obtaining private instruction is obviated.

Inclusive Fee £100, or by three yearly instalments of £45, £40, and £25.

Some members of the staff receive Students as boarders. For particulars apply to the Dean.

Special arrangements are made for the convenience of Dental Students.

Preliminary Science Instruction.—Arrangements have been made for Students desirous of Undergoing a course of Instruction in Science, such as that required for the Preliminary Scientific (M.B.) Examination of the University of London, to attend at the Normal School of Science, South Kensington.

The Residential College adjoining the Hospital provides accommodation for 30 students.

For further information apply at the Hospital to the Resident Medical Officer, or to

A. PEARCE GOULD, Dean.

## Royal Veterinary College.

Incorporated by Royal Charter.

WINTER SESSION, 1889-90.

The WINTER SESSIONAL COURSE of INSTRUCTION will commence on TUESDAY, Oct. 1st. The chair will be taken by COL. SIR NIGEL KINGS-COTE, K.C.B., and the INTRODUCTORY ADDRESS delivered by DR. GERALD YEO, of King's College, at One p.m.

Lectures, Clinical and Pathological Demonstrations, and General Instruction are given on the Pathology and Diseases of the Horse and other Domestic Animals, including Epizootics, Parasites, and Parasitic Affections; also on Anatomy, Physiology, Histology, Chemistry (General and Practical), Materia Medica, Toxicology, Botany, Therapeutics, and Pharmacy, Hospital Practice, Obstetrics, Operative Surgery, the Principles and Practice of Shoeing, &c.

Students are required to attend Three Complete Sessional Courses of Instruction before being eligible for examination for the Diploma of the Royal College of Veterinary Surgeons.

The College Entrance Fee of Forty-five Guineas, payable as a whole or in the following proportions: Twenty-five Guineas on entry, Ten Guineas at the end of the first period of study, and Ten Guineas at the end of the second period of Study, confers the right of attendance on all the Lectures and Collegiate Instruction during the prescribed Terms of study.

The Matriculation Examination will be held at the ROYAL VETERINARY COLLEGE, CAMDEN TOWN, N.W., on Wednesday and Thursday, September 25th and 26th, at Ten a.m. Candidates must attend on Tuesday, 24th, for the purpose of paying the fees.

A Scholarship of £25 per annum, tenable for two years, dating from October, 1889, will be awarded at the close of the Summer Term of 1890; and an additional Scholarship of the same amount in each succeeding year.

Medals and Certificates of Merit are awarded in addition to the Coleman Prize Medals and Certificates.

Class Prizes are given in each division of the Student's studies.

Certificates of Distinction are likewise conferred on Students who pass a superior examination for the Diploma of the Royal College of Veterinary Surgeons.

A Prospectus containing the Rules and Regulations of the College, and copies of the Matriculation Examination Papers set last Session, will be forwarded on application to the Secretary.

RICHARD A. N. POWYS,

August, 1889.

Secretary.

## St. Mary's Hospital Medical SCHOOL, Paddington, W.

The WINTER SESSION begins on Tuesday, October 1, with an Introductory Address at 4 p.m. by Dr. MAGUIRE. The Annual Dinner will be on Wednesday the 2nd, at the Holborn Restaurant, at 7 p.m. Dr. LEES in the chair.

ENTRANCE SCHOLARSHIPS in NATURAL SCIENCE, one of £105, and five of 50 guineas, of which two are specially open to students from Oxford and Cambridge, will be awarded by Examination on September 26 and 27, at 10 a.m.

Numerous class prizes, and three scholarships of £20 to £30 in value, are given by competition at the end of each year, and there are moreover EIGHT RESIDENT MEDICAL and SURGICAL APPOINTMENTS in the Hospital, open to students without expense or charge.

The Hospital has 281 beds, with well-appointed special departments for Diseases of Children, and of the Eye, Ear, Skin, and Throat. There is daily clinical teaching by the physicians and surgeons. Frequent classes are also held by the Medical, Surgical and Obstetric Tutors.

The School is replete with all the requisite Laboratories and appliances for the study of Anatomy, Physiology, Chemistry, Pathology, Bacteriology, and Hygiene, and the course of teaching both in the Hospital and the School provides complete preparation for all the Examining Boards and for the higher Examinations and Degrees of the Universities of Oxford, Cambridge, and London.

Special Classes are held for the Preliminary Scientific Examination of the University of London, the fee of £10 10s. being returned to all who subsequently enter as Perpetual Pupils of the School.

THE RESIDENTIAL COLLEGE near the Hospital is under the care of the Warden, Dr. Luff. The fee for residence during the academical year is 90 guineas, and includes special teaching at the College by the Demonstrators of Anatomy and Physiology.

### HOSPITAL STAFF.

Consulting Physicians—Dr. Chambers, Dr. Handfield-Jones, F.R.S., Sir Edward Sieveking.  
Consulting Surgeons—Mr. S. A. Lane, Mr. H. Spencer Smith, Mr. J. R. Lane, Mr. Walton.  
Physicians—Dr. Broadbent, Dr. Cheadle, Dr. Lees.  
Physicians to Out-patients—Dr. Phillips, Dr. Maguire, Dr. Pearce.  
Surgeons—Mr. Norton, Mr. Owen, Mr. Page.  
Surgeons to Out-patients—Mr. Pye, Mr. Pepper, Mr. Silcock.  
Physician Accoucheur—Dr. Braxton Hicks, F.R.S.  
Physician Accoucheur to Out-patients—Dr. Montagu Handfield-Jones.  
Ophthalmic Surgeons—Mr. Critchett and Mr. Juler.  
Aural Surgeon—Mr. Field.  
Surgeon to the Skin Department—Mr. Malcolm Morris.  
Surgeon Dentist—Mr. Howard Hayward.  
Surgeon to the Throat Department—Dr. Spicer.  
Physician to the Electro-therapeutical Department—Dr. de Watteville.  
Anaesthetist—Mr. Henry Davis.

### OTHER LECTURERS IN THE SCHOOL.

Physiology, Dr. Waller; Chemistry, Dr. Alder Wright, F.R.S.; Anatomy, Mr. Ernest Lane; Forensic Medicine—Dr. Luff; Comparative Anatomy, Dr. Bottomley; Hygiene, Mr. Shirley Murphy.  
The prospectus, to be had on application to the School Secretary, contains the fullest information on all matters connected with the medical curriculum.

HERBERT W. PAGE, M.A., M.C. Cantab.,  
Dean.

## College for Daughters of MEDICAL MEN.

Pelican House College (in connection with Pelican House School), Grove Park, Denmark Hill, S.E., for the Education of the Daughters of Medical Men, at fixed inclusive and moderate terms, varying according to age, as at the Epsom College for Boys.

The educational advantages are equal to those of the best high schools; but as the daughters of gentlemen only are received, the further desideratum of suitable companionship is offered. Scholarships attached.

During the year 1890, Four House Scholarships two of £30 and two of £20 each per annum, tenable for 3 years, will be competed for by pupils who have been at Pelican House for one year.

For prospectus apply to the Secretary, Major PEAD, Ivyhurst, Dulwich Grove, Dulwich, S.E.

# EPSOM COLLEGE.

Patron.

HER MOST GRACIOUS MAJESTY THE QUEEN.

President.

THE RIGHT HON. THE EARL GRANVILLE, K.G.

Visitor.

THE RIGHT REVEREND THE LORD BISHOP OF WINCHESTER.

Treasurer—CONSTANTINE HOLMAN, M.D., J.P.

Head Master—REV. T. N. HART SMITH, M.A.; late Scholar of Exeter College, Oxford; formerly Assistant Master at Marlborough College.

Secretary—ROBERT FREEMAN, Esq.

THE work and position of Epsom College have been exciting a good deal of attention lately, and there seems to be so wide-spread an ignorance of its true character, that it has been thought desirable to bring the following particulars into more general notice.

The objects of the Institution are twofold in character: (a) Educational; (b) Benevolent.

## (a) THE SCHOOL.

The College is conducted as a *first-rate* Public School with a Medical foundation, and various privileges that are reserved to the Medical profession, but in every other respect *open to all classes alike*.

The educational work has been carefully arranged on the system that has proved so successful at Wellington College, Haileybury, Marlborough, and other public schools; on the Classical side the best training is given for the Universities and the learned professions; the Modern side has been tabulated to meet the requirements of the London University, the Army, and the Civil Service. There is also a class in which boys are prepared for commercial pursuits.

For boys who are intended for the Medical profession no school in England possesses equal advantages; special training is provided for the London Matriculation and Preliminary Scientific examinations, and owing to the generosity of the London Hospitals, there are SEVEN scholarships ranging in value from 90 to 125 guineas offered ANNUALLY to leaving boys.

For the encouragement of classics there are several very valuable prizes in money and books, and one exhibition every year of £50 tenable for 3 years at the Universities.

A munificent benefaction lately received from DR. HAVILAND and his brother F. G. HAVILAND, Esq., has provided two exhibitions of £60 a year for 4 years. One of these exhibitions will be awarded every alternate year for proficiency in Natural Science, the holder declaring his intention to graduate in Medicine at the University of Cambridge.

Six scholarships of smaller value, held in the School, are offered annually, and the Council award several valuable exhibitions which are restricted to sons of Medical Men *under certain conditions*.

The buildings are admirably situated and well arranged, and great improvements have been recently introduced; an excellent library, sanatorium, gymnasium, swimming bath, fives court, and carpenter's shop have been provided, and there are good chemical and biological laboratories; the cricket grounds are very extensive, and are being constantly enlarged and improved.

The foundation consists of 50 boys, chiefly necessitous orphans of Medical Men, and is mainly supported by voluntary contributions: foundation scholars have the same privileges as the other boys, and have *absolutely no expense*.

The Scientific successes of the College are well known both at the Universities and in the London Hospitals: the Classical work is being steadily developed, and an open Classical exhibition at Oxford has recently fallen to an Epsom boy.

The College charges have been kept singularly moderate, and, as far as is known, are very much less than at any other school of the same class, and offering the same advantages, and the fees paid by the sons of Medical Men are at a reduced rate.

The Council are most anxious that the College should not be regarded as exclusively intended for the sons of Medical Men, as they are convinced that there are serious evils attaching to a class school; with this object in view, they have decided to offer annually entrance scholarships, open to all comers, varying in value from £20 to £40 a year, and they earnestly invite co-operation in bringing these different advantages under the notice alike of medical practitioners and others.

The next Term will begin on Thursday, the 19th September.

## (b) THE BENEVOLENT OBJECTS.

In addition to the 50 Foundation Scholars in the College, Seven Foundation Scholarships for Female Orphans of Medical Men have been established, in connection with the College, at the School of St. Anne's Society. The election to these, as often as vacancies occur, is entrusted by the Deeds of Endowment to the Members of the Council of the College.

FIFTY PENSIONERS receive Annuities of £21 each; some of them have in addition furnished rooms in the College at Epsom, and an annual allowance of three-and-a-half tons of coal each. Pensioners must be legally qualified Medical Men, who have been Registered Medical Practitioners for five years, or the Widows of such. They must not be less than sixty years of age at the time of their application for admission as Candidates, and their yearly income, independent of any allowance from the College, must not exceed £60. They are elected in the first instance to Annuities only, and succeed to residences in turn, as vacancies arise amongst the residents, provided that their circumstances be such as to render them fitting inmates of the Asylum.

THREE MORGAN ANNUITANTS receive Annuities of £20 each. They must be daughters of Medical Men, and must possess the same qualifications as those required from Widows who are Pensioners.

The Council would appeal alike to the profession and the public not to allow these charitable works to languish for want of funds. The College is a Benevolent Society giving help not only to the aged and disabled, but also doing inestimable good to the children of those Medical Men who, from death or other misfortunes, have been unable to provide for their families. The pressure for the admission of Foundation Scholars is so great that it will be lamentable if it should become necessary to reduce their number, but a reduction will be inevitable unless the regular income can be increased.

Donors of *Ten Guineas*, in not more than two payments, and Collectors of *Twenty Guineas* are *Life Governors* of the College. Subscribers of *One Guinea* annually are Governors during the continuance of their Subscriptions.

Annual Subscriptions are payable in advance on the 1st of January in each year, and must be paid before the elections in order to entitle the Governors to vote. All Drafts and Orders should be made payable to "*Robert Freeman*," and should be crossed for security to "*Goslings and Sharpe*."

Any information with regard to the details of the Institution will gladly be communicated to parties addressing enquiries to the *Rev. the Head Master*, Epsom College, Surrey, or to the *Secretary*, at the Office of the College, 37, Soho Square, London, W. Subscriptions will be received by the *Treasurer*, Dr. Holman, Reigate; the *Members of the Council*; the *Secretary*; the *Honorary Local Secretaries*; and the *Bankers*, Messrs. Goslings and Sharpe, 19, Fleet Street, London, E.

## Guy's Hospital Medical SCHOOL.

The WINTER SESSION commences on TUESDAY, OCTOBER 1st.

The Hospital contains 695 beds, of which 500 are in constant occupation. Special Classes are held for Students preparing for the Examinations of the University of London, and other Higher Examinations.

APPOINTMENTS.—All Hospital Appointments are made strictly in accordance with the merits of the Candidates, and without extra payment.

ENTRANCE SCHOLARSHIPS.—Two Open Scholarships in Arts, one of the value of 100 guineas open to candidates under 20 years of age; and one of 50 guineas open to candidates under 25 years of age. Two Open Scholarships in Science, one of the value of 125 guineas, and another of 50 guineas, open to candidates under 25 years of age.

PRIZES are awarded to Students in their various years, amounting in the aggregate to more than £300.

DENTAL SCHOOL.—A Dental School is attached to the Hospital, which affords to Students all the instruction required for a Licence in Dental Surgery.

COLLEGE.—A Residential College is in course of erection upon a site close to the Hospital, to accommodate about 50 Students in addition to the Resident Staff of the Hospital. The College contains a large Dining Hall and Reading Rooms for the use of the Students' Club.

For Prospectus and further information apply to the Dean, Dr. PERRY, Guy's Hospital, London, S.E.

## Guy's Hospital Entrance SCHOLARSHIPS.

Two Open Scholarships in Arts (100 guineas and 50 guineas), and Two Open Scholarships in Science (125 guineas and 50 guineas), are offered for competition on Wednesday, 25th of September, and the two following days.

For further particulars apply to the Dean.

## St. George's Hospital Medical SCHOOL, Hyde Park Corner, S.W.

The WINTER SESSION will commence on Tuesday, October 1st, when an Introductory Address will be delivered by Dr. T. CLIFFORD ALBUTT, F.R.S., at 4 p.m.

The following Entrance Scholarships will be offered for competition in October:—

1. A Scholarship, value £125, for the Sons of Medical Men who have entered the School as *bond fide* first year students during the current year.

2. Two Scholarships, each of £50, open to all students commencing their studies.

3. A Scholarship, value £90, open to all students who have entered the School during the current year, and who have passed the Cambridge 1st M.B. since October, 1888.

4. A Scholarship, value £65, for students who, having been signed up for or previously passed the Oxford 1st M.B. or the Cambridge 2nd M.B., have entered the School during the current year.

The following Exhibitions and Prizes are also open to students:—The William Brown £100 Exhibition; the William Brown £40 Exhibition; the Brackenbury Prize in Medicine, value £32; the Brackenbury Prize in Surgery, value £32; the Pollock Prize in Physiology, value £18; the Johnson Prize in Anatomy, value £10 10s.; the Treasurer's Prize, value £10 10s.; General Proficiency Prizes for first, second, and third year students, of £10 10s. each; the Brodie Prize in Surgery; the Acland Prize in Medicine; the Thompson Medal; and Sir Charles Clarke's Prize.

All hospital appointments, including the two House Physicianships and two House Surgeonships, are awarded as the result of competition, and are open to the students without additional expense of any kind.

Clerkships and dresserships and all the minor appointments are given without extra fees. Several paid appointments, including that of Obstetric Assistant, with a salary of £100 and board and lodging, are awarded yearly upon the recommendation of the Medical School Committee.

The new Physiological Laboratories and Class Rooms are now open.

Prospectuses and fuller details may be obtained by application to

THOMAS WHIPHAM, M.B., Dean.

**A Resident Pupil can be received** in the house of a Hospital Physician residing in the West End. Assistance will be given to a medical student in his work.—For terms apply to P. T. C., BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

## St. Thomas's Hospital Medical SCHOOL, Albert Embankment, London, S.E.

The WINTER SESSION of 1889-90 will OPEN on Tuesday, October 1st, with an Introductory Address, at 3 p.m., by Mr. William Anderson, F.R.C.S.

Two Entrance Science Scholarships of 125 guineas and £60 respectively, open to all first-year students, will be offered for competition. The examination will be held on the 25th, 26th, and 27th September, and the subjects will be chemistry and physics, with either botany or zoology, at the option of candidates.

Scholarships and money prizes of considerable value are awarded at the Sessional Examinations, as also several medals.

Special classes are held throughout the year for the "Preliminary Scientific" and "Intermediate M.B." Examinations of the University of London.

All hospital appointments are open to students without extra charge.

The fees may be paid in one sum or by instalments. Entries may be made separately to lectures or to hospital practice, and special arrangements are made for students entering in their second or subsequent years; also for dental students and for qualified practitioners.

A Register of approved lodgings is kept by the Medical Secretary, who also has a list of local Medical Practitioners, Clergymen, and others who receive Students into their houses.

Prospectuses and all particulars may be obtained from the Medical Secretary, Mr. George Rendle.

E. NETTLESHIP, Dean.

## The London Hospital and MEDICAL COLLEGE.

### HOSPITAL STAFF.

Consulting Physicians—Sir Andrew Clark, Bart., LL.D., F.R.S., and Dr. Ramskill.  
Consulting Surgeon—Mr. Jonathan Hutchinson, F.R.S.

Physicians—Dr. Langdon Down; Dr. Hughlings Jackson, F.R.S.; Dr. Sutton; Dr. Fenwick; Dr. Stephen Mackenzie; Dr. Sansom; Dr. Turner; Dr. Gilbert Smith; Dr. Warner; Dr. Ralfe.

Assistant Physician—Dr. James Anderson.  
Surgeons—Mr. Couper; Mr. Rivington; Mr. Waren Tay; Mr. McCarthy; Mr. Frederick Treves; Mr. C. Mansell Moullin.

Assistant Surgeons—Mr. Reeves; Mr. Hurry Fenwick; Mr. Eve.

Obstetric Physician—Dr. Herman.  
Assistant Obstetric Physician—Dr. Lewers.

Ophthalmic Surgeons—Mr. Waren Tay; Mr. Eve.  
Physician to the Skin Department—Dr. Stephen Mackenzie.

Aural Surgeons—Dr. Edward Woakes; Mr. Mark Hovell.

Surgeon Dentist—Mr. Barrett.

### LECTURERS.

Medicine—Dr. Stephen Mackenzie.

Surgery—Mr. Rivington.

Anatomy—Mr. Treves.

Physiology and Practical Histology—Mr. McCarthy.

Chemistry—Dr. Meymott Tidy.

Pathology—Dr. Sutton.

Midwifery—Dr. Herman.

Toxicology—Dr. Meymott Tidy.

Medical Jurisprudence—Dr. Sansom.

Materia Medica—

Botany—Dr. F. Warner.

Comparative Anatomy—Mr. Mansell Moullin.

Experimental Physics—Mr. Page.

Ophthalmic Surgery—Mr. Eve.

Diseases of the Ear—Dr. Woakes.

Diseases of the Throat—Mr. Mark Hovell.

Anatomy and Pathology of the Teeth—Mr. Barrett.

Practical Anatomy—Mr. Mansell Moullin.

Practical Chemistry—Mr. Page.

Operative Surgery—Mr. Rivington.

Practical Surgery—Mr. H. A. Reeves.

Demonstrators of Morbid Anatomy—Dr. Sutton;

Dr. Turner; Dr. Anderson; Mr. Eve.

Pathological Histology—Mr. Eve.

Anæsthetics—Dr. Hewitt.

Emeritus Professor of Medicine—Sir Andrew Clark, Bart. F.R.S.

Emeritus Professor of Surgery—Mr. Jonathan Hutchinson, F.R.S.

The SESSION 1889-90 will commence on Tuesday, October 1st, 1889. An old Student's Dinner, which will take the place of an opening ceremony, will be held in the New Library at 7 p.m. The Chair will be taken by Dr. Langdon Down.

Fee for Lectures and Hospital Practice, 90 guineas in one sum, or 100 guineas by three instalments.

## THE LONDON HOSPITAL AND MEDICAL COLLEGE—continued.

The Hospital, which is the largest General Hospital in the kingdom, contains nearly 800 beds, all in constant use. There are wards for accidents, surgical and medical cases, diseases of women and children, and ophthalmic cases. Special departments for diseases of the eye, ear, throat, skin, and teeth, and for cancer, tumours, diseases of the bladder, piles and fistula. Number of In-patients last year, 8,873; Out-patients, 101,548; Accidents, 7,456.

Surgical operations daily.

Appointments:—Resident accoucheur, house physicians, house surgeons. Forty of these appointments are made annually. Numerous dressers, clinical clerks, post-mortem clerks, and maternity assistants are appointed every three months. All appointments are free. Holders of resident appointments are also provided free board. The New College Buildings are now complete, and afford more than double the former accommodation.

Two Entrance Science Scholarships, value £60 and £40, and two Buxton Scholarships, value £30 and £20, will be offered for competition at the end of September to new Students. Sixteen other Scholarships and Prizes are given annually.

Luncheons or dinners at moderate charges can be obtained in the Students' Club.

Special Classes for the Preliminary Scientific and Intermediate M.B. Examinations of the University of London, and for the Primary and Pass Examinations for the Fellowship of the Royal College of Surgeons of England, are held throughout the year.

Special entries for Medical and Surgical Practice are made.

The London Hospital is now in direct communication by rail and tram with all parts of the metropolis, and the Metropolitan, Metropolitan District, East London, and South-Eastern Railways have stations within a minute's walk of the Hospital and College.

For prospectus and particulars apply, personally or by letter, to  
MUNRO SCOTT,  
Warden.  
Mile End, E.

## London Post-Graduate Course.

With a view to extend the usefulness for teaching purposes of the Hospitals to which Medical Schools are not attached, it has been decided to institute Courses of Instruction open to Qualified Members of the Medical Profession.

The FIRST COURSE will be given by members of the Medical Staffs of the following Hospitals:—

The Hospital for Consumption and Diseases of the Chest, Brompton.

The Hospital for Sick Children, Great Ormond Street.

The National Hospital for the Paralysed and Epileptic, Queen Square.

The Royal London Ophthalmic Hospital, Moorfields.

The Hospital for Diseases of the Skin, Blackfriars.

The scheme is under the Management of a Committee of Delegates from the Medical Staff of each of the above-mentioned Hospitals.

The Teaching will be, as far as possible, of a practical character, and will include instruction in the Use of the Ophthalmoscope and Laryngoscope, Demonstrations of Selected Cases, and Lectures on the Diagnosis and Treatment of the Diseases for the study of which the above-mentioned Hospitals afford special facilities.

Three Courses, each of Eight Weeks' Duration, will be given during the year.

Each Course will consist of about 80 Lectures.

The FIRST COURSE will begin on Monday, January 13th, 1890, and will end on Saturday, March 8th.

The SECOND COURSE will begin on May 5th, and the THIRD on October 13th.

All the Lectures and Demonstrations will be given in the afternoon, except the Ophthalmoscopic Demonstrations, which will take place at 8 o'clock in the evening.

The Fee for the First Course will be 10 guineas.

The Fee for attendance upon the Demonstrations and Lectures given at any one Hospital will be 3 guineas.

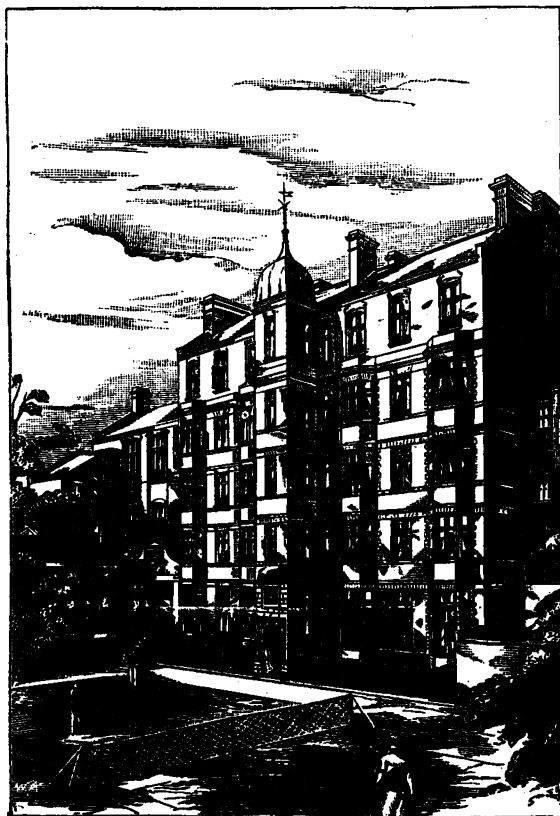
Payment of the above fees will not confer the right to attend the In- or Out-Patient Practice of the Hospitals.

Further announcements will be made, and a complete Prospectus will be issued early in November.

## Daventry School.—A Public

School of 100 Boys for the sons of gentlemen of limited means. Modern buildings. Valuable school scholarships and exhibitions.—Apply to Warden for Illustrated Calendar.





# THE Middlesex Hospital RESIDENTIAL COLLEGE, CLEVELAND STREET, W.

Gentlemen proposing to study Medicine in London are invited to inspect the rooms in the above College.

The College overlooks the Hospital garden, and adjoins the buildings of the Medical School.

The charges for residence are £10 10s. or £8 8s. per term.

The Warden, Mr. LEOPOLD HUDSON, holds Tutorial Classes free to residents of the College, and will furnish full particulars on application.

## Royal Westminster Ophthalmic Hospital, King William Street, Strand.

The following Courses will commence in October:—  
(1) Practical Instruction in the Use of the Ophthalmoscope.  
(2) Practical Instruction in Estimating Refraction.  
(3) Demonstrations of Normal and Pathological Ophthalmoscopy.

The next Clinical Evening (Oct. 4th) will be devoted to the exhibition of Physiological Peculiarities.

Patients are seen daily from 1 p.m., and Clinical Instruction is given.

Fees (inclusive), £3 3s. for six months, £5 5s. perpetual, or Gentlemen may enter separately for either of the Courses. For further particulars apply to Mr. W. ADAMS FROST, 17, Queen Anne Street, W.

**Ophthalmological Demonstrations.**—Mr. ADAMS FROST will give a Series of Demonstrations on the Physiological and Pathological Appearances of the Fundus, illustrated by Lantern Projections of OPHTHALMOSCOPIC PAINTINGS by Mr. A. W. Head and other artists, at the Royal Westminster Ophthalmic Hospital on Tuesdays, at 8.30 p.m., commencing October 15th. Fee for the Course, £1 1s.; free to Students of the Hospital. Tickets may be obtained at the Hospital.

**Speech for the Dumb.**—The ASSOCIATION for the ORAL INSTRUCTION of the DEAF and DUMB, 11, Fitzroy Square, W., under the presidency of EARL GRANVILLE, K.G., educates children upon the pure Oral or German system (by which they are taught to speak and to understand what others say by means of lip-reading), and trains teachers on that system, both for public institutions and private families.

Members of the medical profession are invited to visit the School for Children and Training College for Teachers of the Association any time by appointment, or to attend the public lessons on Wednesday afternoon at 3 o'clock. For terms and particulars, apply to the Director, WILLIAM VAN PRAAGH, Esq., 11, Fitzroy Square, W., any morning between 11 and 12.

## The College of State Medicine, London.

Chairman of Council:—  
Sir JOSEPH FAYRE, M.D., K.C.S.I., F.R.S.,  
Hon. Physician to H.M. the Queen and to H.R.H. the Prince of Wales.

A CLASS in preparation for the December Examination for the Diploma in Public Health of the Royal Colleges of Physicians and Surgeons, London, will be commenced on Friday, the 4th of October, at 5 p.m.

The Public Health Laboratory is open daily for laboratory work.

The Bacteriological Laboratory is open daily for practical instruction.

Opportunities for carrying on original work are afforded in both the Bacteriological and Public Health Laboratories.

A copy of the College Calendar (price 1s. 2d.) and any further information can be obtained on application to the Honorary Secretary.

W. R. CORNISH, C.I.E.  
Great Russell St., Bedford Square, W.C. Surgeon-General,  
Hon. Secretary.

**Epsom (Medical) College Preparatory School.**—Boys educated at the above School have obtained at Epsom College the following distinctions since December last:—*Raper*, London Matric. 1st Class; *Norman*, London Matric. 1st Class; English Prize; *Chetwood*, 1st Jun. Schoolp. Middle School Mathl. and Classl. Prizes; *Oldaker*, VI. form prize; *Colbart*, V. form prize. *Norman*, *Colbart*, *Low*, and *Ensor* head of their classes. Several others have passed straight from school, at the head of competitions for offices.—Prospectus of HEAD MASTER, Parade, Epsom.

**Medical Prelim.**—An experienced Tutor (assisted by a Cambridge Graduate) Coaches PUPILS for above. Two vacancies for boarders. Individual attention. Terms moderate.—Tutor, Cowley College, New Barnet.

## National Dental Hospital and COLLEGE, 149, Great Portland Street, W.

FOUNDED 1861.

The WINTER SESSION will commence on October 1st.

LECTURERS:—

\*DENTAL ANATOMY AND PHYSIOLOGY—Mr. Sidney Spokes, M.R.C.S., L.D.S. Edin.

†METALLURGY—Mr. Lapraik, F.I.C., F.C.S.

\*OPERATIVE DENTAL SURGERY—Dr. G. Cunningham, M.A. Camb., D.M.D., L.D.S. Eng.

†DENTAL MECHANICS—Mr. Harry Rose, L.D.S. Eng.

\*DENTAL MATERIA MEDICA—Mr. Chas. W. Glas-  
ington, M.R.C.S., L.D.S. Edin.

\* Oct., Nov., Dec. † Jan., Feb., March, from 6 to 8 p.m.

HOSPITAL STAFF:—

Consulting Physicians—B. W. Richardson, M.A., M.D., F.R.S.; W. H. Broadbent, M.D., F.R.C.S.

Consulting Surgeons—Sir Spencer Wells, Bart., F.R.C.S.; Christopher Heath, F.R.C.S.

Consulting Dental Surgeon—Sir Edwin Saunders, F.R.C.S.

Dental Surgeons—F. Henri Weiss, L.D.S. Eng.; Alfred Smith, L.D.S. Eng.; G. A. Williams, L.D.S. Eng.; A. F. Canton, L.D.S. Eng.; H. G. Read, L.R.C.P., M.R.C.S., L.S.A., L.D.S. Eng.; Harry Rose, L.D.S. Eng.

Assistant Dental Surgeons—Willoughby Weiss, L.D.S. Eng.; R. Denison Pedley, F.R.C.S. Edin., M.R.C.S., L.D.S. Eng.; Marcus Davis, L.D.S. Eng.; T. G. Read, L.D.S. Eng., D.M.D. Harvard; C. W. Glassington, M.R.C.S., L.D.S. Edin.; W. R. Humby, L.D.S. Eng.

Anæsthetists—Henry Davis, M.R.C.S., L.S.A.; James Maughan, M.D., L.R.C.P., M.R.C.S.; Sidney Spokes, M.R.C.S., L.D.S. Edin.; S. E. Pedley, M.R.C.S., L.R.C.P., L.D.S. Eng.

House-Surgeons—E. A. H. Field, L.D.S. Eng.; Geo. M. Keevil.

Demonstrator—J. N. Dunlop.

Number of Cases attended during 1888 ... 40,648  
Number of Patients admitted ... 25,498

Fee for two years' Hospital Practice, required by the Curriculum, including Lectures £25 4s.

Registered Medical and Dental Practitioners are admitted for short terms of Hospital Practice. Fees £7 7s. and £9 9s. for six and twelve months respectively. Lectures by the subject.

The Hospital Practice is continued each day from 9 till 2.

Every facility is offered for thorough and efficient teaching, and chair side and special demonstrations are given by members of the staff daily.

The Medical Tutors hold special classes before each examination, and a laboratory has been fitted out for the construction of Crown, Bar, Bridge and Regulation Cases.

Prizes, including the Rymer Prize—value £5 5s., and Certificates of Honour, are awarded.

The Dean attends the Hospital on Mondays from 10 to 12, and from 10 to 11 from September 28th to October 3rd, inclusive.

Calendar and all particulars on application.

F. HENRI WEISS, Dean.

## Bedford Ladies' College, Bedford.

(Incorporating the French Protestant College).  
Founded 1874. For Boarders only.

Lady Superintendent—Mrs. M. B. Chapman.

Head Mistress—Miss Lister, Girton College, Cambridge (Classical Tripos).

Vice-Mistress—Miss Collins, Girton College, Cambridge (Moral Science Tripos), with a largest staff of University Tutors and London Professors.

Beautiful premises; grounds 200 acres; gravel soil; boating, tennis, archery, riding, and swimming.

Fee: £25 a term. Michaelmas term begins Jan. 23.

Prospectus, views, and list of parents from Rev. the RESIDENT CHAPLAIN.

## MASSAGE & ELECTRICAL TREATMENT.

LECTURES and DEMONSTRATIONS are DELIVERED at the SCHOOL of MASSAGE and ELECTRICITY, in connexion with the West End Hospital for Nervous Diseases, Paralysis and Epilepsy, 73, Welbeck Street, London. Ladies and Nurses, both Male and Female, are trained in separate classes, and after examination receive certificates of qualification. Private lessons given. Trained Masseurs, Masseuses and Electricians sent to all parts of the United Kingdom.

Resident and non-resident patients received for treatment.

For particulars apply to the Lady Superintendent.

By Order, H. ALEX. DOWELL, Hon. Sec.

# ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH.

## *Regulations regarding the Fellowship and Membership of the College.*

### I.—OF THE FELLOWSHIP.

1. No one shall be elected a Fellow of the College until he has been at least one year a Member thereof, and has attained the age of twenty-five years.
2. Every motion for the election of a Fellow shall be made at a quarterly meeting of Fellows by one of the Fellows present, and seconded by another; and this motion shall be determined by ballot at the next quarterly meeting of Fellows,—a majority of three-fourths being necessary to carry it in the affirmative.
3. If an urgent reason satisfactory to the Council be assigned, a Candidate may be proposed at an extraordinary meeting of the Fellows summoned for the purpose, and his petition may be balloted for at an extraordinary meeting of the Fellows specially summoned for the purpose; provided that the holding of this special meeting be agreed to by a majority of five-sixths of the Fellows present at the meeting at which the Candidate was proposed; provided also that not less than one week intervene between the two meetings, and that due notice of the intended ballot be given in the billets summoning the second meeting. The Candidate shall in this case pay to the Treasurer a sum of Ten Guineas in addition to the ordinary Fees.
4. Every Fellow resident within five miles from the General Post Office of Edinburgh shall, on his election, have his name placed on the Roll of Attendance, and shall pay the Annual Contribution, and be subject to all the Laws of the College regarding Fines. Fellows resident beyond five miles shall have the option of having their names on the Roll of Attendance or not; but if their names be on the Roll of Attendance, they shall pay the Annual Contribution and be subject to Fines.

### II.—OF THE MEMBERSHIP.

1. Any Licentiate of a College of Physicians, or Graduate in Medicine of a British or Irish University, with whose knowledge of Medical and General Science the College may be satisfied, may be admitted a Member of the College, provided he shall have attained the age of twenty-four years.
2. Every motion for the election of a Member shall be made at a quarterly meeting of Fellows by one of the Fellows present, and seconded by another; and this motion shall be determined by ballot at the next quarterly meeting—a majority of three-fourths being necessary to carry it in the affirmative.
3. Every Candidate for the Membership (except such as shall be admissible under the provisions of Section 6) shall be required to pass an Examination—
  - (1.) On the Principles and Practice of Medicine, including Therapeutics.
  - (2.) On one of the following subjects to be selected by the Candidate:—(a) Pathology, including Morbid Anatomy; (b) Medical Jurisprudence and Public Health; (c) Midwifery and the Diseases of Women; (d) Psychological Medicine.

4. Application for the Membership shall be made through the Secretary, who shall transmit to the Candidate a copy of the Regulations and Plan of Examination, together with a Form of Petition.

5. The Candidate shall return the petition duly filled up to the Secretary, and shall at the same time transmit Testimonials of recent date from well-known members of the profession, certifying as to his professional and social standing. These documents shall be submitted to the Council, who shall also employ such other methods of scrutiny as they may deem necessary. If satisfied as to the eligibility of the Candidate, the Council shall authorise his examination by the Board of Examiners, who shall report the result of the examination to the Council. If the report of the Examiners be satisfactory, the Council shall report the same to the College at the next quarterly meeting, when it shall be competent for a motion to be made for the election of such candidate to the Membership of the College.

6. If any Candidate who has attained the age of forty years, and has been a Registered Practitioner for not less than ten years, shall produce testimonials showing that he has been distinguished for his scientific attainments, or eminence as a Medical Practitioner, the Council may, if they see fit, exempt him from the whole or any part of the prescribed Examination.

7. The dates of the Examinations for the year ending 31st July, 1890, shall be 8th and 9th October, 1889, the 14th and 15th January, the 8th and 9th April, and the 9th and 10th July, 1890; but application must be made to the Secretary not less than one month previous to the date of the Examination at which the Candidate proposes to appear.

### III.—OF THE FEES.

1. The Fee to be paid by a Member shall be Thirty Guineas.
2. A Licentiate who has obtained the Licence prior to the 1st August, 1876, when raised to the rank of Member, shall pay Twenty Guineas; a Licentiate obtaining the Licence subsequent to that date shall, when raised to the rank of Member, pay Fifteen Guineas.
3. When a Member shall be raised to the rank of Fellow he shall pay Thirty Guineas, exclusive of Stamp-duty.<sup>1</sup>
4. All Candidates for Fellowship or Membership must lodge their Fees, and the amount of Stamp-duty payable at the time to Government, with the Treasurer, previously to presenting their petitions.

<sup>1</sup> The Stamp-duty on the Fellowship payable to Government is £25.

G. A. GIBSON, M.D., Hon. Secretary.  
Edinburgh, 1st August, 1889.

# ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH.

## *Regulations to be observed by Candidates for the Certificate of Qualification in Public Health to be conferred by the College.*

THE ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, considering the great and rising importance of the Public Health Department of State Medicine, its natural and popular distinction from ordinary Medicine, and the number of Public Health appointments which already exist, has resolved to grant to all Candidates who conform to the following regulations, and are declared by the Examiners to be duly qualified to practise as Public Health Officers or Medical Officers of Health, a Certificate of Qualification under the College seal and authority, which may be registered in the *Medical Register*, in terms of the Medical Act, 1886.

### REGULATIONS.

#### I.—GENERAL REGULATIONS.

1. Candidates shall be already on the *Medical Register*, and be entered there as possessing a Qualification in Medicine.
2. Candidates shall not, in the meantime, be required to attend any Special Courses of Instruction, but their attention is directed particularly to Courses of Lectures on State Medicine, and to the Practice of Analytical Chemistry.
3. Candidates shall be subjected to two Examinations. Such Examinations may be taken simultaneously, or with an interval not exceeding twelve months.
4. The Examinations shall be written, oral, and practical.
5. The Examinations shall be held in the Physicians' Hall, or elsewhere if found more convenient.
6. Rejected Candidates shall not be admitted for re-examination till after the expiry of six months.
7. Holders of the Certificate are briefly designated as "Public Health Cert. R.C.P.E."

#### II.—EXAMINATIONS.

1. THE FIRST EXAMINATION SHALL EMBRACE—
  - (1.) *Physics*.—Especially Pneumatics, Hydrostatics, Hydraulics, and Engineering in relation to Sanitary Operations, including a knowledge of Architectural and other Plans.
  - (2.) *Chemistry*.—Especially Analysis of Air, Water, Food, including the Biology of Putrefaction and allied processes, with Practical Chemical Analyses bearing on Public Health.

(3.) *Meteorology*.—Including Climate, Topographical and Seasonal Influences in relation to Health and Disease.

#### 2. THE SECOND EXAMINATION SHALL EMBRACE—

- (1.) *Epidemiology and Endemiology*.—Including the corresponding departments in the Diseases of Animals and Plants—Contagious Diseases—Diseases of Periods of Life, Professions, Trades, Seasons, and Climates.
  - (2.) *Practical Hygiene*.—Duties of a Health Officer, Food, Water-Supply, Sewerage and Drainage, Nuisances, Construction of Hospitals, Public Buildings, Dwellings, Manufactories, Cemeteries (including the explanation and drawing of Plans).
  - (3.) *Sanitary Law and Vital Statistics*.
3. Meetings for both Examinations shall be held annually in April and October. The First Examination shall begin, on the second Tuesday of the month, with the Practical Examination in the Laboratory, and shall be followed next day by the Written and Oral Examination. The Second Examination shall be held on the Thursday of the same week, and shall occupy one day.
4. Candidates may enter for both Examinations in the same week, or for one only.
5. The Examinations must be passed in their order, First and Second.
6. A Candidate remitted at his Second Examination will be allowed to come up again after a further period of six months.

### III.—FEES.

1. The Fees for Examinations must be paid at least a week before the day of Examination.
2. The whole charges by the College for the Certificate amount to Ten Guineas.
3. The Fee for the First Examination is Five Guineas, and the Fee for the Second Examination is Five Guineas.
4. Candidates forfeit the Fee for the Examination which they have been unsuccessful in passing.
5. If a Candidate who has offered himself for both Examinations fail to pass the First, he shall not be allowed to present himself for the Second, and his Fee for the Second shall be returned to him.

G. A. GIBSON, M.D., Hon. Secretary.  
Edinburgh, 1st August, 1889.

# ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH.

## Regulations for the Licence.

1. The College will grant its Single Qualification in Medicine to Candidates who already possess a recognised British, Irish, Indian, or Colonial Qualification in Surgery.

2. Candidates will be required to pass a written and oral Examination before the Examining Board of the College in Medicine, Clinical Medicine, Materia Medica, Midwifery, and Medical Jurisprudence.

3. The Examinations will be held on the first Wednesday, and succeeding days, of every month, except September and October.

4. No one is admissible to Examination who has within the previous three months been rejected by any Licensing Board, and every Candidate is required to sign and send in along with his Certificates a declaration, stating that he has not been rejected within that period.

5. The Fee for the Licence is Fifteen Guineas. In the event of a Candidate being unsuccessful, the sum of Six Guineas will be retained; and this Regulation will also apply to cases in which the Candidate may have been previously rejected on one or more occasions.

6. Candidates may be admitted to Special Examination, on days other than those appointed above, on bringing forward reasons satisfactory to the Council, and on paying an Extra Fee of Five Guineas. Should the Candidate be unsuccessful, the sum of Eleven Guineas will be returned to him.

7. All Candidates for Examination are required to communicate with the Secretary to the College, not less than eight days before the date of the Examination at which they propose to appear, and the Fees must be lodged with the Secretary at least four days before the date of the Examination.

G. A. GIBSON, M.D., Hon. Secretary

Edinburgh, 1st August, 1889.

N.B.—Under the provisions of the Medical Act of 1886, the Licence of the Royal College of Physicians, being a Single Qualification, does not confer the right to Registration upon those who hold it, but it may be registered as an Additional Qualification by those who are already on the Register.

## University of Edinburgh.

SESSION 1889-90.

PRINCIPAL—SIR WILLIAM MUIR, K.C.S.I., D.C.L., LL.D., Ph.D.

The Classes will be opened as follows, and will meet daily (Saturdays excepted) unless otherwise specified.

### MEDICINE.

Dean—Professor THOMAS R. FRASER, M.D.  
Practice of Physic, Tuesday, October 15th, nine.—Prof. Grainger Stewart, M.D.  
Chemistry, Tuesday, October 15th, ten.—Prof. Crum Brown, M.D.  
Surgery, Tuesday, October 15th, ten.—Prof. Chiene, M.D.  
Institutes of Medicine or Physiology, Tuesday, October 15th, eleven.—Prof. Rutherford, M.D.  
Practical Physiology, Monday, October 21st, nine.—Prof. Rutherford, M.D.  
Midwifery and Diseases of Women and Children, Tuesday, October 15th, eleven.—Prof. Simpson, M.D.  
Clinical Surgery (Royal Infirmary, Monday and Thursday), Thursday, October 17th, twelve.—Prof. Annandale, M.D.  
Clinical Medicine (Royal Infirmary, Tuesday and Friday), Tuesday, October 15th, twelve to two.—Prof. Grainger Stewart, T. R. Fraser, and Greenfield; and Prof. Simpson, on Diseases of Women.  
Anatomy, Tuesday, October 15th, one.—Prof. Sir William Turner, M.B.  
Practical Anatomy (daily), Tuesday, October 1st.—Prof. Sir William Turner and Demonstrators.  
Anatomical Demonstrations, Tuesday, October 15th, four.—Prof. Sir William Turner and Demonstrators.  
Materia Medica, Tuesday, October 15th, two.—Prof. Thomas R. Fraser, M.D.  
Practical Materia Medica (including Pharmacy), Tuesday, October 15th, ten.—Prof. Thomas R. Fraser, M.D.  
Practical Chemistry, Monday, December 2nd, eleven and two.—Prof. Crum Brown.  
General Pathology, Tuesday, October 15th, three.—Prof. Greenfield, M.D.  
Practical Pathology (daily), Tuesday, October 15th.—Prof. Greenfield, M.D.  
Botany (given in Summer Session).—Prof. Bayley Balfour, M.D., D.Sc.  
Practical Botany (Advanced), Wednesday, October 23rd.—Professor Bayley Balfour, M.D., D.Sc.  
Practical Botany (Elementary), Thursday, January 9th.—Professor Bayley Balfour, M.D., D.Sc.  
Medical Jurisprudence (given in Summer Session).—Prof. Sir Douglas MacLagan, M.D.  
Practical Hygiene, Tuesday, January 7th, two.—Prof. Sir Douglas MacLagan, M.D.  
Natural History, Tuesday, October 15th, twelve.—Prof. Ewart, M.D.  
Elementary Practical Zoology.—Prof. Ewart, M.D.  
Advanced Practical Zoology.—Prof. Ewart, M.D.  
Clinical Instruction in Royal Infirmary (daily), noon.—The Clinical Professors.  
Mental Diseases (given in Summer Session).—T. S. Clouston, M.D.  
Diseases of the Eye (given in Summer Session).—Douglas Argyll Robertson, M.D.  
Clinical Instruction on Diseases of Children at Royal Hospital for Sick Children, Monday, October 21st, ten.—James Carmichael, M.D., and Charles E. Underhill, M.B.

UNIVERSITY OF EDINBURGH—continued.  
Comparative Embryology, Tuesday, October 15th, three.—George Brook.  
The Philosophy of Natural History, November.—G. J. Romanes, M.A.

The Classes in the Faculty of Medicine, except Botany, Natural History, Clinical Medicine, and Clinical Surgery, meet in the University New Buildings.

Practical Instruction is afforded in Laboratories furnished with the necessary appliances, and in Tutorial and Practical Classes in connection with the above Chairs, and under the superintendence of the Professors.

The Preliminary Examinations in Arts for Degrees in Medicine, etc., begin on Tuesday, October 1st, 1889, and Tuesday, March 4th, 1890.

The Classes will meet for the last time before the Christmas Vacation on Friday, December 20th, and will re-assemble on Tuesday, January 7th, 1890.  
Graduation Ceremonial in Medicine, etc., Friday, August 1st, 1890.

During the Summer Session LECTURES will be given on the following Subjects:—

Botany and Vegetable Histology, by Prof. Bayley Balfour.

Medical Jurisprudence, for Students of Law and Medicine, by Prof. Sir Douglas MacLagan.

Clinical Medicine, by Profs. Grainger Stewart, T. R. Fraser, and Greenfield; and by Prof. Simpson, on Diseases of Women.

Operative Midwifery and Gynecology, by Prof. Simpson.

Clinical Surgery, by Professor Annandale.

Chemistry (Advanced Class), by Prof. Crum Brown.

Natural History, by Prof. Ewart.

Operative Surgery, by Prof. Chiene.

Anatomical Demonstrations, by Prof. Sir William Turner, and David Hepburn, M.B.

Medical Psychology and Mental Diseases, with Practical Instruction at the Royal Edinburgh Asylum, by the Physician Superintendent, Thomas S. Clouston, M.D.

Diseases of the Eye, by D. Argyll Robertson, M.D.

Clinical Instruction in Diseases of Children at Royal Hospital for Sick Children, by James Carmichael, M.D., and Charles E. Underhill, M.B.

Comparative Embryology, by Mr. George Brook.

The Students' Reading Library, in the University New Buildings, is open daily, from nine A.M. to five P.M., except on Saturdays, when it is closed at twelve noon.

Information relative to Matriculation and the Curricula of Study for Degrees, Examinations, etc., etc., may be obtained on application to the Deans of the respective Faculties, or at the Secretary's Office; and full details are also given in the University Calendar, published by James Thin, 55 South Bridge.

By authority of the Senatus,  
JOHN KIRKPATRICK,  
Sept., 1889. Sec. Sen. Acad.

## Board and Education for Young Ladies, Mallinkrodt, Kirkcaldy, Scotland.

Conducted by the Misses BRILL, certificated at the College and Conservatoire of Frankfurt-a/M., assisted by resident English and foreign Governesses. The school is conducted on the German High School system. Special advantages for modern languages and music.

## Royal College of Physicians of EDINBURGH.

The Royal College of Physicians of Edinburgh offer Two Prizes, each of the value of Twenty-five Guineas, one for a "Report on the Examination of the Nerve Centres in Epilepsy and Epileptic Convulsions," the other for an "Essay on the Causation and Prophylaxis of Lead Poisoning."

These Prizes are only open to Licentiates of the College.

The Essays must be written in English, and must be submitted to the Council of the College on or before 31st December, 1889.

Competitors are required to employ *Mottoes*, and every Essay submitted must be accompanied by a sealed Envelope containing the Name and Address of the Competitor; and bearing the Motto outside.  
Edinburgh, July, 1889.

## Royal College of Physicians of EDINBURGH.

### VICTORIA JUBILEE CULLEN PRIZE.

The first triennial award of "the VICTORIA JUBILEE CULLEN PRIZE for the greatest benefit done to Practical Medicine," founded on 20th June, 1887, by Dr. R. H. Gunning, of Edinburgh and Rio de Janeiro, will be made on 20th June, 1890. The prize is of the value of £100 sterling. Competition for it is restricted to Fellows, Members, and Licentiates of the Royal College of Physicians of Edinburgh. The prize will be conferred on the candidate who may be judged to have done most to advance Practical Medicine during the three years' commencing with 20th June, 1887. Intending candidates must make application, and submit a statement, along with copies of any work on which their claims are based, on or before 1st March, 1890.

Further particulars may be ascertained on application to the Secretary at the College.

Royal College of Physicians, Edinburgh.  
1st August, 1889.

## Notice.—The Preliminary

Examinations of the Royal Colleges of Physicians and Surgeons of Edinburgh, conducted by the Educational Institute of Scotland, will be held in the Oddfellows' Hall, Forrest Road, Edinburgh, on the following days, beginning each day at 11 A.M.:—  
3rd, 4th, and 5th October, 1889.

3rd, 4th, and 5th April, 1890.  
3rd, 4th, and 5th July, 1890.

THOMAS MORRISON, LL.D., F.R.C.S.,  
Principal of the Free Church Training College,  
Glasgow, Secretary to the Board of Examiners.  
Particulars on application to Mr. ALEXANDER MACKAY, 12, South Saint Andrew Street, Edinburgh, from whom Calendars, price 1s., can be obtained.  
Edinburgh, August, 1889.

## Tuition by Correspondence.—

M.D.Lond., M.R.C.P.Lond. and F.R.C.S.Eng., prepares by correspondence, in a systematic and thorough manner, for all the Examinations of the Colleges of Physicians and Surgeons, the Universities, the Services, the M.D.'s of Durham, St. Andrew's and Brussels, the Apothecaries' Hall, and for the Examinations in Sanitary Science.—F.R.C.S., 64, Gullford Street, W.C.



# University of Aberdeen.

SESSION 1889-90.

Chancellor.

DUKE OF RICHMOND AND GORDON, K.G.,  
D.C.L.

Lord Rector.

THE RIGHT HONOURABLE GEORGE J. GOSCHEN,  
M.P., LL.D.

Vice-Chancellor and Principal.

WILLIAM DUGUID GEDDES, LL.D.

The UNIVERSITY OF ABERDEEN, founded in 1494, possesses under its Charters the amplest privileges claimed or enjoyed by any Academic Institution. Besides conferring Degrees in the Four Ordinary Faculties, viz.:—ARTS, DIVINITY, LAW, and MEDICINE, the University has recently instituted Degrees in SCIENCE. (Programmes obtainable from the Secretary of Senatus.) It also grants the Diploma in PUBLIC HEALTH, under conditions found detailed in the "Calendar."

In the case of Students preparing for the Indian and Home Civil Service, the general course of Instruction has been found useful and advantageous, as is shown by the circumstance that, in the former of these Services, FIFTY-ONE of the Valuable Appointments thereto belonging have, since 1856, fallen to Students trained at the University of Aberdeen.

## I.—FACULTY OF ARTS.

The SESSION commences on Wednesday, the 30th October, 1889, and closes on Friday, 4th April, 1890.

Greek, Junior—Professor Harrower, M.A., and Assistant, 9 to 10 a.m., and 1½ a.m. to 12½ p.m., £3 3s.

Greek, Senior—Professor Harrower, M.A., and Assistant, 10 to 11 a.m., £2 2s.

Latin, Junior—Professor Ramsay, M.A., and Assistant, 10 to 11 a.m., and 12½ to 1½ p.m., £3 3s.

Latin, Senior—Professor Ramsay, M.A., and Assistant, 11½ a.m. to 12½ p.m., £2 2s.

English Language and Composition—Professor Minto, M.A., 1½ to 2½ p.m. on Monday, Wednesday, and Friday, £1 1s.

Logic—Professor Minto, M.A., 11½ a.m. to 12½ p.m. on Tuesday and Thursday, 12½ to 1½ p.m. daily, £3 3s.

Mathematics, Junior—Professor Pirie, M.A., and Assistant, 9 to 10 a.m., or 11½ a.m. to 12½ p.m., and 12½ to 1½ p.m., £3 3s.

Mathematics, Senior—Professor Pirie, M.A., and Assistant, 10 to 11 a.m., £2 2s.

Natural Philosophy, Junior—Professor Niven, M.A., D.Sc., and Assistant, 9 to 10 a.m. daily, 11½ a.m. to 12½ p.m. on Monday, Wednesday, and Friday, £3 3s.

Natural Philosophy, Senior, Div. I.—Professor Niven, M.A., D.Sc., and Assistant, 10 to 11 a.m. on Monday, Wednesday, and Friday, £1 1s.

Natural Philosophy, Senior, Div. II.—Professor Niven, M.A., D.Sc., and Assistant, 10 to 11 a.m. daily, £2 2s.

Natural Philosophy, Practical Class—Professor Niven, M.A., D.Sc., and Assistant, 11½ a.m. to 12½ p.m. on Tuesday and Thursday.

Moral Philosophy—Professor Fyfe, M.A., 9 to 10 a.m. daily, and 11½ a.m. to 12½ p.m. on Monday, Wednesday, and Friday, £3 3s.

Natural History—Professor Alleyne Nicholson, M.D., D.Sc., F.L.S., 2 to 3 p.m., £3 3s.

The Fee for Students taking a Senior Class in any subject, without previous attendance on the Junior Class in the same subject, is £3 3s. Matriculation Fee, £1. For the Degree of M.A., £1 1s. for each of three examinations, and £1 for General Council Registration.

The Course of Study for the Degree of M.A. ordinarily embraces two years' attendance on Greek, Latin, and Mathematics, and one on English Literature, Natural Philosophy, Logic, Moral Philosophy, and Natural History; but any Student who at the time of his entrance to the University, shall, on examination, be found qualified to attend the Higher Classes of Latin, Greek, and Mathematics, or any of them, shall be admitted to such Higher Class or Classes without having attended the first or Junior Class or Classes.

## BURSARIES.

The Bursary Competition will begin on Thursday, the 17th October, at 2 o'clock p.m., when there will be offered 52 Bursaries varying from £30 to £4 10s. of yearly value. Of Bursaries under private patronage 23 were vacant at the close of last session varying from £36 to £4 10s. of yearly value.

## UNIVERSITY OF ABERDEEN—continued.

### CLASS AND SPECIAL PRIZES.

Prizes in Books of the Value of £136 are awarded to the Students most distinguished in the Class Examinations. At the Close of the Curriculum money prizes varying from £65 to £8, besides medals, are awarded to the best scholars in the several departments.

## II.—FACULTY OF MEDICINE.

WINTER SESSION, commencing on TUESDAY, 15th October, 1889.

Anatomy—Vacant, 9 a.m., £3 3s.

Practical Anatomy and Demonstrations—Vacant, 9 to 4 and 11 a.m., £2 2s.

Chemistry—Professor Carnelley, D.Sc., F.C.S., F.I.C., 3 p.m., £3 3s.

Institutes of Medicine—Professor McWilliam, M.D., 2 p.m., £3 3s.

Surgery—Professor Ogston, C.M., M.D., 10 a.m., £3 3s.

Practical Surgery—Professor Ogston, C.M., M.D., 3 p.m.\*

Practice of Medicine—Professor Smith-Shand, M.D., 3 p.m., £3 3s.

Midwifery and Diseases of Women and Children—Professor Stephenson, M.D., F.R.C.S.E., 4 p.m., £3 3s.

Natural History—Professor Alleyne Nicholson, M.D., D.Sc., F.L.S., 2 p.m., £3 3s.

Materia Medica—Professor Cash, M.D., F.R.S., 9 a.m., £3 3s.

Pathological Anatomy (Sir Erasmus Wilson Chair)—Professor Hamilton, M.B., F.R.C.S.E., 11 a.m., £3 3s.

SUMMER SESSION, commencing on MONDAY, 21st April, 1890.

Botany—Professor Trail, M.A., M.D., F.L.S., 8 a.m., £3 3s.

Practical Botany—Professor Trail.

Practical Materia Medica and Pharmacy—Professor Cash, and Assistant, 4 p.m., £2 2s.

Practical Anatomy and Demonstrations—Vacant, 9 to 4 and 9 a.m., £2 2s.

Practical Chemistry—Professor Carnelley, and Assistant, 10 to 2 p.m., £3 3s.

Practical Physiology—Professor McWilliam, 2 p.m., £3 3s.

Natural History—Professor Alleyne Nicholson, M.D., 2 p.m., £3 3s.

Practical Natural History—Professor Alleyne Nicholson, M.D., 3 p.m., £3 3s.

Operative Surgery—Professor Ogston, 10 a.m., £3 3s.

Practical Midwifery and Gynecology, and Clinical Diseases of Children—Professor Stephenson, 11 a.m., £2 2s.

Practical Pathological Anatomy—Professor Hamilton, 11 a.m., £3 3s.

Medical Logic and Medical Jurisprudence—Professor Hay, M.D., 8 a.m., £3 3s.

Practical Medical Jurisprudence and Hygiene—Professor Hay, 4 p.m., £3 3s.

\* Free to Students in Surgery.

Matriculation Fee (including all dues) for the Winter and Summer Sessions, £1. For the Summer Session alone, 10s.

The following additional Courses of Practical Instruction are delivered in the University or at the Institutions mentioned:—

Diseases of the Eye—Dr. Mackenzie Davidson, £1 1s.

Dental Surgery—Dr. Williamson, £1 1s.

Insanity—Dr. Reid, Royal Lunatic Asylum, £1 1s.

Diseases of the Ear and Larynx—Dr. M'Kenzie Booth, Dispensary, £1 1s.

Diseases of the Skin—Dr. Garden, Royal Infirmary and Sick Children's Hospital, £1 1s.

Royal Infirmary: Daily, 9 and 12. Perpetual Fee to Hospital Practice, £6; or, first year, £3 10s.; second year, £3.

Clinical Medicine—Drs. Smith-Shand, A. Fraser, and Blaikie Smith, £3 3s.

Clinical Surgery—Drs. A. Ogston, Ogilvie Will, and Garden, £3 3s.

Pathological Demonstrations at the Hospital—Professor Hamilton.

Diseases of Children at Sick Children's Hospital. Daily, at 1 p.m. Hospital Ticket, £1 1s.

General Dispensary, and Lying-in and Vaccine Institution: Daily, at 10 a.m. Eye Institution: Daily, 2.30 p.m.

Royal Lunatic Asylum: Physicians—Drs. Jamieson and Reid.

The Regulations relative to the Curriculum, and the granting of Degrees in Medicine and Surgery may be had of the Secretary to the Faculty of Medicine.

## UNIVERSITY OF ABERDEEN—continued.

### BURSARIES.

There will be offered for Competition in this Faculty, within the University Buildings in Aberdeen, on 21st October, 1889, at 10 a.m., the following Bursaries:—(1) To Students entering their First Winter Session who have passed all the Subjects imperative for registration in Medicine, Two Bursaries of £20 each, and one Bursary of £7, tenable for Four Years; and one Bursary of £7, tenable for One Year. (2) To Students about to commence their Second Winter Session at Medicine, two of £24 10s. each or thereby; two of £22 10s. or thereby; and one of £20; and (3) To Students about to commence their Fourth Winter Session, one of £20. For Subjects of Examination see "The University Calendar."

ALEXANDER STEWART.

Secretary.

N.B.—Further particulars, including information as to the Faculties of Divinity and Law, are to be found in the University Calendar, published by A. King & Co., Printers to the University, Aberdeen. Price, 2s., or 2s. 4d. by post.

# University of Aberdeen.

## MEDICAL FACULTY.

The PRELIMINARY EXAMINATIONS will be held this year on October 10th and 11th at 10 a.m.

Candidates are required to obtain from the Secretary of the Medical Faculty a schedule, which must be filled up and returned before October 4th.

For further information apply to the Secretary of the Medical Faculty, or see University Calendar.

# Queen's College, Belfast.

## FACULTY OF MEDICINE.

Anatomy and Physiology—P. Redfern, M.D., F.R.C.S.I., F.R.U.I.

Chemistry—E. A. Letts, Ph.D., F.R.S.E., F.C.S.

Practice of Medicine—James Cumming, M.A., M.D., F.K.Q.C.P.

Practice of Surgery—Thomas Sinclair, M.D., M.Ch., F.R.C.S.Eng.

Materia Medica—J. S. Reid, M.D.

Midwifery—R. F. Dill, M.D.

Medical Jurisprudence—J. F. Hodges, M.D., F.C.S., F.I.C.

Natural Philosophy—Joseph D. Everett, M.A., D.C.L., F.R.S., F.R.U.I.

Zoology and Botany—Robert O. Cunningham, M.D., F.L.S., F.R.U.I.

The Lectures of the Winter Session of 1889-90 will commence on Tuesday, October 29. The Summer Medical Classes will commence on May 1, except Botany, which will begin on April 1.

The Anatomical Rooms are open for the whole day, and Students are aided in their Dissections by the Professor of Anatomy, and the Demonstrator.

The Examinations for Medical Scholarships, tenable for one year, and of which two are awarded to students in each year of the Medical Course, will commence on October 22.

FEES.—Anatomy and Physiology, 1st course, £3; each subsequent course, £2. Demonstrations and Practical Anatomy, each course, £3. Practical Physiology and Histology, £3 3s. Practical Chemistry, £3. Other Medical Lectures, 1st course, £2; each subsequent course, £1.

BELFAST ROYAL HOSPITAL, Clinical Fees, a Winter Session, £5 5s.; a Summer Session, £2 2s.; Perpetual Fee, payable in two instalments, £10 10s. Hospital Fee, half a guinea for each Winter or Summer Session.

ULSTER HOSPITAL FOR DISEASES OF WOMEN AND CHILDREN AND MIDWIFERY DISPENSARY, 11, Fishwick Place.—Fee for Winter or Summer six months, £3 3s.

BELFAST LYING-IN-HOSPITAL, Clifton Street.—Fees for six months, £2 2s.

BELFAST OPHTHALMIC HOSPITAL, AND EYE AND EAR DISPENSARY, 88, Great Victoria Street.—Fee for Winter or Summer Session, £1 1s.

ULSTER EYE, EAR, AND THROAT HOSPITAL, Clifton Street.—Fee for Winter or Summer Session, £2 2s.

BELFAST DISTRICT LUNATIC ASYLUM.—Fee for Summer Session, £3 3s.

BELFAST HOSPITAL FOR SICK CHILDREN, Queen Street.—Fee for the Session, £1 1s.

(By order of the President),

JOHN PURSER, LL.D., Registrar.

## Queen's College, Cork.

### FACULTY OF MEDICINE.

#### PROFESSORS.

Anatomy and Physiology—J. J. Charles, M.A., D.Sc., M.D., M.Ch.  
Practice of Medicine—E. R. Townsend, B.A., M.D.  
Surgery—Stephen O'Sullivan, M.D., M.Ch., F.R.C.S.I.  
Materia Medica—C. Yelverton Pearson, M.D., M.Ch.  
Midwifery—Henry Corby, B.A., M.D., M.Ch.  
Chemistry and Practical Chemistry—Maxwell Simpson, LL.D., D.Sc., M.D., F.R.S.  
Zoology and Botany—Marcus M. Hartog, M.A., D.Sc., F.L.S.  
Modern Languages—Owen O'Ryan, D.Lit.  
Logic—Geo. J. Stokes, M.A.  
Practical Anatomy—By the Professor, assisted by the Demonstrators, Dr. Cotter, Dr. Bradley.

A Matriculation Examination, for such Students as may require to pass it (See Regulations, page 42), will be held on the 15th October, 1889. There will be no Supplemental Matriculation Examination.

The Lectures will commence on the 21st of October. Eight Scholarships will be awarded to Students in Medicine if qualified, viz.:—Two Junior Scholarships of £25 each to Students commencing their First, Second, Third, and Fourth years.

Clinical Medicine and Surgery at the North and South Infirmarys, and Clinical Midwifery at the Lying-in Hospital.

The Medical Buildings have been considerably enlarged by the addition of a Lecture Room, Laboratory, and Museum for the Materia Medica, and Medical Jurisprudence Classes, by the extension to double its size of the Dissecting Room, and by the addition of a large Anatomical and Pathological Museum.

(By order of the President),

ALEX. JACK, M.A., Registrar.

### VICTORIA UNIVERSITY.

## UNIVERSITY COLLEGE, LIVERPOOL.

### MEDICAL DEPARTMENT.

SESSION 1889-90.

THE LECTURES AND CLASSES FOR THE WINTER SESSION will Commence on TUESDAY, October 1st.

#### PROFESSORS AND LECTURERS IN THE MEDICAL FACULTY.

Medicine—T. R. Glynn, M.D., F.R.C.P.  
Surgery—Rushton Parker, B.S., F.R.C.S.  
Anatomy—W. Mitchell Banks, F.R.C.S.  
Physiology—Richard Caton, M.D., F.R.C.P.  
Pathology—A. Barron, M.B.  
Ophthalmology—E. A. Browne, F.R.C.S. Ed.  
Chemistry—J. Campbell Brown, D.Sc., F.C.S.  
Experimental Physics—Oliver J. Lodge, D.Sc., LL.D., F.R.S.  
Midwifery and Gynaecology—J. Wallace, M.D.  
Materia Medica—W. Carter, LL.B., M.D., F.R.C.P.  
Medical Jurisprudence—F. T. Paul, F.R.C.S.  
Zoology—W. A. Herdman, D.Sc., F.L.S.  
Hygiene—B. W. Hope, M.D., D.Sc.  
Botany—R. J. Harvey Gibson, M.A., F.L.S.  
Mental Diseases—J. Wigglesworth, M.D., M.R.C.P.  
Clinical Medicine—T. K. Glynn, M.D., F.R.C.P.  
" " A. Davidson, M.A., M.D., F.R.C.P.  
" " R. Caton, M.D., F.R.C.P.  
Clinical Surgery—Reginald Harrison, F.R.C.S.  
" " W. Mitchell Banks, F.R.C.S.  
" " Rushton Parker, F.R.C.S.

The Medical and Surgical Tutors and the Demonstrators in Anatomy, Physiology, Chemistry, Physics, and Zoology are in attendance daily at the Infirmary and College.

Numerous Prizes and Scholarships of the value of £325 are offered annually for competition. The Entrance Lyon Jones Scholarship of £21, for two years, will be competed for early in October.

The curriculum qualifies for the Victoria and London Universities, for the Royal University of Ireland, and for all the Colleges of Physicians and Surgeons. All the classes are recognised by the Universities of Oxford, Cambridge, Durham, Edinburgh, Glasgow, and Aberdeen.

For Prospectus and further information, apply to the Dean, Mr. PAUL, 38, Rodney Street, Liverpool.

## School of Medicine, Edinburgh.

FOUNDED 1505.

The Lectures qualify for the University of Edinburgh and the other Universities; the Royal Colleges of Physicians and Surgeons of Edinburgh, London, and Dublin, and the other Medical and Public Boards.

#### WINTER SESSION, 1889-90.

On Tuesday, 1st October, the Practical Anatomy Rooms and Chemical Laboratories will be opened.

On Tuesday, 15th October, the Lectures will be commenced.

Anatomy—Practical Anatomy, Course of Lectures, Course of Demonstrations—Dr. J. Symington.  
Anatomy—Practical Anatomy, Course of Lectures, Course of Demonstrations—Mr. Macdonald Brown.  
Chemistry—Lectures, Practical Chemistry, Analytical Chemistry—Dr. Stevenson Macadam.  
Chemistry—Lectures, Practical Chemistry, Analytical Chemistry—Mr. J. Falconer King.  
Chemistry—Lectures, Practical Chemistry, Analytical Chemistry—Mr. Ivson Macadam.  
Chemistry—Lectures, Practical Chemistry, Analytical Chemistry—Dr. Drinkwater.  
Chemistry—Lectures, Practical Chemistry, Analytical Chemistry—Mr. J. Rymer Paterson.  
Chemistry—Lectures, Practical Chemistry, Analytical Chemistry—Dr. A. P. Aitken.  
Practice of Physic—Dr. John Wyllie.  
Practice of Physic—Dr. J. O. Affleck.  
Practice of Physic—Dr. Byrom Bramwell.  
Practice of Physic—Dr. G. A. Gibson.  
Surgery—Dr. C. W. MacGillivray.  
Surgery—Mr. C. W. Cathcart.  
Surgery—Mr. F. M. Caird.  
Surgery—Mr. Hodsdon.  
Surgery—Mr. Scott Lang.  
Midwifery and Diseases of Women—Dr. Milne Murray.  
Midwifery and Diseases of Women—Dr. Matheson.  
Institutes of Medicine and Practical Physiology—Mr. James Hunter.  
Institutes of Medicine and Practical Physiology—Dr. Noël Paton.  
General Pathology—Dr. Alexander Bruce.  
General Pathology and Morbid Anatomy, Practical Pathology—Dr. William Russell.  
Royal Infirmary—  
Clinical Medicine—Drs. Claud Muirhead, Brackenridge, Wyllie, and Affleck; Dr. Halliday Croom (for Diseases of Women).  
Clinical Medicine—Tutorial Class for Physical Diagnosis.  
Clinical Surgery—Mr. Duncan.  
Clinical Surgery—Mr. A. G. Miller.  
Clinical Surgery—Tutorial Class for Practical Surgery.  
Medical Jurisprudence and Public Health—Dr. Littlejohn.  
Materia Medica and Therapeutics, Practical Materia Medica (including Practical Pharmacy)—Dr. William Craig.  
Materia Medica & Therapeutics—Dr. Ralph Stockman.  
Diseases of the Ear—Dr. Kirk Duncanson.  
Diseases of the Ear and Throat—Dr. MacBride.  
Diseases of the Skin—Dr. Allan Jamieson.  
Diseases of Children—Mr. Joseph Bell and Dr. Playfair.  
Vaccination—Dr. Husband.  
Vaccination—Dr. J. B. Buist.  
Natural History—Lectures, Practical Class, Demonstrations—Mr. J. Arthur Thomson.  
Diseases of the Eye—Dr. John Robertson.  
Diseases of the Eye—Mr. George Berry.  
Systematic Gynaecology—Dr. Halliday Croom.  
Clinical Gynaecology and Practical Midwifery—Dr. Charles Bell.  
Practical Midwifery and Clinical Gynaecology—Dr. Peter Young.  
Clinical Gynaecology—Dr. Brewis.  
Diseases of the Tropics and Climatology—Dr. R. W. Felkin.

#### CLASSES FOR WOMEN.

Institutes of Medicine—Dr. Noël Paton.  
Practice of Medicine—Dr. James.  
Clinical Medicine—Dr. J. Allan Gray.  
Clinical Surgery—Dr. W. Finlay.

The minimum cost of the Education in this School of Medicine for the Triple Qualification of Physician and Surgeon from the Royal Colleges of Physicians and Surgeons of Edinburgh, and Faculty of Physicians and Surgeons of Glasgow, including the Fees for the Joint Examinations, is £100, which is payable by yearly instalments during the period of study.

STEVENSON MACADAM, Secretary.

A detailed Prospectus of the Classes will be forwarded on Application to the Secretary, whose address is Surgeons' Hall, Edinburgh.

## Royal Infirmary, Edinburgh.

In this Hospital a portion of the beds is set apart for Clinical Instruction by the Professors of the University of Edinburgh. Courses of Clinical Medicine and Surgery are also given by the ordinary Physicians and Surgeons. Special Instruction is given in the Medical Department on the Diseases of Women, of the Skin, Physical Diagnosis, etc., and in the Surgical Department on Diseases of the Eye, the Ear and Throat, and the Teeth. Separate Wards are devoted to Venereal Diseases, Diseases of Women, Diseases of the Eye; also to cases of Incidental Delirium or Insanity. Post-mortem Examinations are conducted in the Anatomical Theatre by the Pathologists, who also give practical Instruction in Pathological Anatomy and Histology.

#### MEDICAL DEPARTMENT.

Consulting Physicians—Dr. George W. Balfour, Prof. Sir Douglas MacLagan.  
Consulting Physician for Diseases of Women—Dr. Alexander Keiller.  
Professors of Clinical Medicine—Dr. Alexander R. Simpson, Dr. T. Grainger Stewart, Dr. T. R. Fraser, Dr. W. S. Greenfield.  
Ordinary Physicians and Lecturers on Clinical Medicine—Dr. Claud Muirhead, Dr. David J. Brackenridge, Dr. John Wyllie, Dr. J. O. Affleck.  
Extra Physician and Lecturer on Diseases Peculiar to Women—Dr. J. Halliday Croom.  
Assistant Physicians—Dr. Andrew Smart, Dr. Alexander James, Dr. Byrom Bramwell.  
Extra Assistant Physicians for Diseases of Women—Dr. D. Berry Hart, Dr. A. H. F. Barbour.  
Extra Physician for Diseases of the Skin—Dr. Allan Jamieson.

#### SURGICAL DEPARTMENT.

Consulting Surgeons—Dr. J. D. Gillespie, Dr. P. H. Watson, Mr. Joseph Bell.  
Consulting Dental Surgeon—Dr. John Smith.  
Professor of Clinical Surgery—Mr. Annandale.  
Professor of Surgery—Mr. Chiene.  
Ordinary Surgeons—Mr. John Duncan, Mr. A. G. Miller, Dr. P. H. MacLaren.  
Ophthalmic Surgeons—Dr. Argyll Robertson, Mr. George A. Berry.  
Assistant Surgeons—Dr. C. W. MacGillivray, Mr. J. M. Cotterill, Mr. Charles W. Cathcart, Mr. Francis M. Caird, Dr. James W. B. Hodsdon.  
Assistant Ophthalmic Surgeon—Dr. George Mackay.  
Dental Department—Surgeons to the Edinburgh Dental Hospital and School.  
Surgeon to Ear and Throat Department—Dr. P. McBride.  
Pathologists—Dr. Alexander Bruce, Dr. William Russell.

HOSPITAL TICKETS.—Perpetual Ticket in one Payment, £12; Annual Ticket, £6 6s.; Six Months, £4 4s.; Three Months, £2 2s.; One Month, £1 1s. Separate Payments, amounting to £12 12s., entitle the Student to a Perpetual Ticket on production of previous Season Tickets.

#### APPOINTMENTS.

No Fees are charged for any Medical or Surgical Appointments in this Hospital, which are as follows:—

1. RESIDENT PHYSICIANS and SURGEONS, who must be registered as legally qualified Practitioners, are from time to time appointed by the Managers on the recommendation of the Physicians and Surgeons. The holders of these offices live in the House free of Charge. The appointment is for six months, but may be renewed at the end of that period by special recommendation.
2. SPECIAL NON-RESIDENT CLINICAL CLERKS, who must also be registered as legally qualified Practitioners, are appointed by the Managers on the recommendation of the Physicians and Surgeons. The appointment is on the same terms as that of the Resident Physicians and Surgeons.
3. CLERKS and DRESSERS are appointed by the Physicians and Surgeons. These appointments are open to all Students and Junior Practitioners holding Hospital Tickets.

ASSISTANTS IN THE PATHOLOGICAL DEPARTMENT are appointed by the Pathologists.

JAMES S. TRAINER,  
Treasurer and Clerk.

## Edinburgh University and

Medical School.—Superior BOARD for Students in Episcopal Clergyman's family. Every home comfort; private study, &c. Near University; healthy situation. Terms as arranged.—Rev. H. H. FLOWER, 11, Johnston Terrace, Edinburgh.

# St. Mungo's College & Glasgow Royal Infirmary.

## FACULTY OF MEDICINE.

*The Winter Session will open on Wednesday, 23rd October, 1889.*

### PROFESSORS, LECTURERS AND CLASSES.

|                                         |                                  |                                       |                                                              |
|-----------------------------------------|----------------------------------|---------------------------------------|--------------------------------------------------------------|
| HENRY E. CLARK, M.R.C.S., F.F.P.S.....  | Anatomy, Junior, 11 a.m.         | JAMES PROVAN, M.D., F.F.P.S.....      | Dermatology, 12.                                             |
| .....                                   | ..... Senior, 4 p.m. and 12.     | JOHNSTON MACFIE, M.D., F.F.P.S.....   | Otology, 3 p.m.                                              |
| .....                                   | Chemistry, 10 a.m.               | DAVID NEWMAN, M.D., F.F.P.S.....      | Throat and Nose, 12 and 4 p.m.                               |
| .....                                   | ..... Practical, 11 a.m.         | A. CAMPBELL CLARK, M.D., of Glasgow   | Fevers, 11 a.m.                                              |
| .....                                   | Botany, 8 a.m.                   | District Asylum, Bothwell .....       | Mental Diseases, 3 p.m.                                      |
| .....                                   | Zoology, 9 a.m.                  | NEIL CARMICHAEL, M.D., F.F.P.S.....   | Hygiene, 3.30 p.m.                                           |
| JOHN BARLOW, M.D., F.R.C.S.....         | Physiology, 10.30 a.m.           | JAMES A. ADAMS, M.D., F.F.P.S.....    | Bacteriology, 3.30 p.m.                                      |
| THE PATHOLOGIST OF THE GLASGOW ROYAL    | Pathology, 3.30 p.m.             | D. CAMPBELL BLACK, M.D., F.F.P.S..... | Surgical Diseases of Children,                               |
| INFIRMARY .....                         | ..... Practical, 12.             | WILLIAM M'EWEN, M.D., F.F.P.S.....    | 11 p.m.                                                      |
| JOHN DOUGALL, M.D., F.F.P.S.....        | Materia Medica, 3 p.m.           | DAVID C. M'VAIL, M.B., F.F.P.S.....   | Medical Diseases of Children,                                |
| DAVID N. KNOX, M.A., M.B., F.F.P.S..... | Surgery, 11.30 a.m.              | .....                                 | 10 p.m.                                                      |
| JAMES WHITSON, M.D., F.F.P.S.....       | ..... Practical (Operative),     | .....                                 | Clinical Surgery, 9 a.m.                                     |
| ALEXANDER ROBERTSON, M.D., F.F.P.S..... | 11 a.m.                          | .....                                 | Clinical Medicine, 2 p.m.                                    |
| JAMES STIRTON, M.D., F.F.P.S.....       | Medicine, 12.30 p.m.             | .....                                 | Dispensary. Daily, at 1 p.m.                                 |
| JAMES K. KELLY, M.D., F.F.P.S.....      | Midwifery, 3 p.m. &.             | .....                                 | Practical Midwifery.                                         |
| JOHN KLAISTER, M.D., F.F.P.S.....       | Gynaecology, 3.30 p.m. W.        | .....                                 | Vaccination.                                                 |
| J. R. WOLFE, M.D., F.R.C.S.E.....       | Medical Jurisprudence 10.30 a.m. | .....                                 | At Maternity Hospital; Fee 11s.                              |
| .....                                   | Ophthalmology, 12 W.             | .....                                 | Six Attendances, on Mondays or Thursdays, at 12; Fee, 21 1s. |

These classes will meet at the College Buildings, Castle Street, in close proximity to the Infirmary.

The Glasgow Royal Infirmary contains 582 beds. In addition to the ordinary medical and surgical wards there are surgical wards for the treatment of Venereal Diseases and the Diseases of Women, whilst Diseases of the Skin, Eye, Ear, Throat and Teeth are specially treated at the Dispensary. Courses of Clinical Medicine and Surgery are given by the Physicians and Surgeons; instruction in Pathological Anatomy and Histology is given by the Pathologist.

### FEES.

COLLEGE FEES for the first year, including Summer and Winter

|                                                           |     |    |   |
|-----------------------------------------------------------|-----|----|---|
| Sessions, admitting to all the classes of that year ..... | £10 | 10 | 0 |
| Second year.....                                          | £10 | 10 | 0 |
| Third year .....                                          | £9  | 9  | 0 |
| Fourth year.....                                          | £9  | 9  | 0 |
| For any class taken singly (except Anatomy) .....         | £2  | 2  | 0 |
| Anatomy, including Practical Anatomy.....                 | £4  | 4  | 0 |

HOSPITAL FEES.—£21, payable in two instalments of £10 10s. the first year, and £10 10s. the second year; afterwards free.

Students desiring hospital practice for a shorter period, as follows:—

|                        |    |   |   |
|------------------------|----|---|---|
| For Six Months.....    | £6 | 6 | 6 |
| For Three Months ..... | £4 | 4 | 0 |

The curriculum of this College will qualify for the Conjoint Examination of the Royal Colleges of Physicians and Surgeons of England, for the Royal Colleges in Edinburgh and the Glasgow Faculty, the Royal Colleges in Ireland, and for the Universities, in accordance with their regulations.

Further particulars may be obtained from Mr. HENRY LAMOND, 93, West Regent Street, Glasgow, Secretary of the College.

### Anderson's College Medical SCHOOL, Glasgow.

New School Buildings, situated in Dumbarton Road, within two minutes' walk of the Western Infirmary, and four minutes' walk of the University.

The WINTER SESSION will be opened on Tuesday, 22nd October, 1889. With an Introductory Address by Thos. A. Mathieson, Esq., President.

Lectures are delivered on the following subjects:—Anatomy, Dr. A. M. Buchanan; Chemistry, J. Robertson Watson, M.A.; Physiology, Dr. Christie; Surgery, Dr. Dunlop; Practice of Medicine, Dr. Gemmell; Materia Medica, Dr. Napier; Midwifery, Dr. Wm. L. Reid; Medical Jurisprudence (in summer) Dr. Eben Duncan; Botany (in summer) vacant; Ophthalmic Surgery, Dr. Wolfe; Public Health (winter or summer) Dr. Christie; Aural Surgery (in summer) Dr. Barr; Hospital Practice and Clinical Lectures in Royal or Western Infirmary. The above Lectures qualify for all the Licensing Boards in the United Kingdom. Fees: First Course, £2 2s. Second Course, £1 1s.; afterwards free. The fees for all the Lectures and Hospital Practice required for the Conjoint Qualifications granted by the Royal Colleges of Physicians and Surgeons, Edinburgh, and the Faculty of Physicians and Surgeons, Glasgow, amount to about £48.

A Calendar may be obtained from Dr. A. M. BUCHANAN, 98, St. George's Road, Glasgow, Dean of the Medical Faculty.

### ARMY, NAVY, INDIAN MEDICAL SERVICES.

Special Preparatory Classes. For prospectus, apply to Mr. THOMAS COOKE, F.R.C.S., Senior Assistant-Surgeon, Westminster Hospital, 40, Brunswick Square, W.C.—Vide Advt. page 85.

### Residence for Students in the

HOUSE of a F.R.C.S., Surgeon to one of the large London Hospitals. Home comforts; regular tuition, and every advantage for study.—Address, R.S., *Lancet* Office, 423, Strand, W.C.

### Faculty of Physicians and SURGEONS OF GLASGOW.

Copies of the following Regulations may be had on application to the Secretary.—

1. Regulations regarding the Preliminary Examination.
2. Regulations regarding the Licence.
3. Regulations regarding the Fellowship.
4. Regulations regarding the Licence in Dental Surgery.
5. Regulations regarding the Diploma in Public Health.
6. Regulations regarding the Scottish Triple Qualification.

ALEXANDER DUNCAN, B.A.,  
Faculty Hall, Secretary.  
St. Vincent Street, Glasgow.  
August, 1889.

### Edinburgh Post-Graduate COURSE. 4th SESSION 1889.

This Course will be resumed on Monday, 23rd September, and continued till Saturday, 12th October 1889.

Limited Classes for the study of special subjects will be formed at such hours as shall be found most convenient. For these a special fee will be charged.

MATRICULATION FEE—TEN SHILLINGS AND SIXPENCE.

Syllabus of the Course may be obtained from the Secretaries.

CLAUD MUIRHEAD, } Hon. Secs.  
JOHN CHIENE, }  
Charlotte Square, Edinburgh.

### Educational Home.—Twelve

YOUNG LADIES, of good position, received. Highest educational advantages, combined with every home comfort, and individual training and guidance. Recommended by the Right Rev. the Bishop of Lichfield, the Rev. Canon Duckworth, D.D., and parents of pupils, physicians, &c. One vacancy.—D. C. L., LANE's Library, Fitzjohn's Parade, Hampstead.

### University College of North WALES, Bangor.

SESSION 1889-90 WILL OPEN ON TUESDAY, OCT. 1ST.

DEPARTMENTS OF PHYSICS, CHEMISTRY, AND BIOLOGY.

PHYSICS..... { Professor: A. GRAY, M.A.  
                              { Demonstrator: D. M. LEWIS, M.A.  
CHEMISTRY..... { Professor: J. J. DOBBIE, M.A., D.Sc.  
                              { Demonstrator: G. MACGOWAN, Ph.D.  
                              { (Leipzig).  
BIOLOGY..... { Professor: R. W. PHILLIPS, M.A.  
                              { B.Sc.

The Classes and Laboratory Courses of this College are arranged to suit the requirements of Students of Practical Science, as well as of Students preparing for University and other Examinations. Two years of the Three Years' Course required for Graduation in Science at the University of Edinburgh may be taken at this College, and the Lectures in Chemistry and Botany are recognised by the Universities of Edinburgh and Glasgow as qualifying for the Medical Degrees of those Universities. One *Annus Medicus* may be taken at this College.

The extensive Laboratories (Physical, Chemical, and Biological), are fully equipped for Study and Research, and in the Physical Department special provision has been made for the Teaching of Electrical Engineering. A special course has been arranged in this subject.

Laboratory Fees (per Term) on the scale of £1 1s. for six hours a week, in each Department.

A considerable number of Scholarships and Exhibitions are open for competition at the beginning of each Session, and several are awarded at the close of each Session on the result of the year's work.

For full information as to Science and Arts Courses, apply for Prospectus to the Registrar, W. CADWALADR DAVIES.

### Vacancy for Invalid Patient,

mental or otherwise, with Medical Man in Hampshire. Residence on high grounds (4 acres), lovely view. Speciality fitting for home life.—Address, C.H., Highfield House, Bishops Waltham.

# UNIVERSITY OF GLASGOW.

## SESSION 1889-90.

THE MEDICAL SESSION will be opened with an Introductory Address by Professor M'CALL ANDERSON, M.D., on Tuesday, the 22nd October, 1889.

### WINTER COURSES.

*Zoology*, 9 a.m.; *Zoological Laboratory*, 10 a.m. to 1 p.m.—Professor Young, M.D.  
*Botanical Laboratory* (Jan., Feb., March), 10 a.m.—Professor Bower, M.A., D.Sc., F.L.S.  
*Clinical Medicine*, 9 a.m.—Professor M'Call Anderson, M.D., and Professor Gairdner, M.D., LL.D.  
*Clinical Surgery*, 9 a.m.—Professor George Buchanan, M.A., M.D., LL.D., and Prof. Sir George H. B. Macleod, M.D.  
*Chemistry*, 10 a.m.; and *Chemical Laboratory*, 10 a.m. to 4 p.m.—Professor Ferguson, M.A., LL.D.  
*Anatomy: Senior*, 11 a.m.; *Junior*, 2 p.m.; and *Practical Anatomy*, 9 a.m. to 4 p.m.—Professor Cleland, M.D., D.Sc., LL.D., F.R.S., assisted by J. Yule Mackay, M.D., and other Demonstrators.  
*Practice of Medicine*, 11 a.m.—Professor Gairdner, M.D., LL.D.  
*Materia Medica*, 12 noon, and *Pharmaceutical Laboratory*—Prof. Charteris, M.D., and William MacLennan, M.B.  
*Institutes of Medicine*, 12 noon, and *Physiological Laboratory*—Professor M'Kendrick, M.D., LL.D., F.R.S., assisted by J. M'Gregor-Robertson, M.A., M.B., and William Snodgrass, M.A., M.B., the Muirhead Demonstrator.  
*Surgery*, 1 p.m.—Professor Sir George H. B. Macleod, M.D.  
*Midwifery*, 2 p.m.—Professor Leishman, M.D.  
*Public Health*.—Professor Simpson and Professor Ferguson.

### SUMMER COURSES, 1890.

*Botany*, 8 a.m.; *Botanical Laboratory*, 9 a.m. to 4 p.m.—Professor Bower, M.A., D.Sc., F.L.S.  
*Zoology*, 12 noon; *Zoological Laboratory*, 10 a.m. to 1 p.m.—Professor Young, M.D.  
*Medical Jurisprudence*, 11 a.m.—Professor Simpson, M.A. (Cantab), M.D.  
*Clinical Medicine*, 9 a.m.—Professor M'Call Anderson, M.D., and Professor Gairdner, M.D., LL.D.  
*Clinical Surgery*, 9 a.m.—Professor George Buchanan, M.A., M.D., LL.D., and Prof. Sir George H. B. Macleod, M.D.  
*Practical Chemistry*, 9 a.m. to 11 a.m.; and *Chemical Laboratory and Organic Chemistry*, 10 a.m. to 4 p.m.—Professor Ferguson, M.A., LL.D.  
*Anatomy, including Lectures on Embryology*, 11 a.m.; and *Practical Anatomy*, 8 a.m. to 2 p.m.—Professor Cleland, M.D., D.Sc., LL.D., F.R.S., and Demonstrators.  
*Practical Physiology, including Histology*, classes from 8 a.m. to 4 p.m.—Professor M'Kendrick, M.D., LL.D., F.R.S., and Demonstrators.  
*Practical Materia Medica*, 12 noon.—Professor Charteris, M.D., and Demonstrator.  
*Practice of Medicine*, 1 p.m.—Professor Gairdner, M.D.  
*Operative Surgery*, 1 p.m.—Professor Sir George H. B. Macleod, M.D.  
*Diseases of Women*, 2 p.m.—Professor Leishman, M.D.  
*Lectures on the Eye*, 2 p.m.—Thomas Reid, M.D., Waltonian Lecturer.  
*Insanity*, 12 noon (University), and 10 a.m. (Gartnavel)—David Yellowlees, M.D.  
*Pathology (Systematic Lectures and Practical)*.—The courses of the Pathologist of the Western Infirmary, Dr. Joseph Coats, and of the Pathologist to the Royal Infirmary, Dr. David Newman, are recognised.

**WESTERN INFIRMARY.**—This Hospital, near the University, contains 400 Beds for Medical and Surgical Patients, also Wards for Skin Diseases, and one for Diseases peculiar to Females.

**DEGREES.**—Three Medical Degrees are conferred, viz.: Bachelor of Medicine (M.B.) and Master in Surgery (C.M.), which must be taken together, and Doctor of Medicine (M.D.); all of which are recognised by the Medical Act as qualifying for practice throughout the British dominions.

**COST OF EDUCATION.**—The Fee for each Class is £3 3s. The minimum expense for Lectures, Hospital Fees and Graduation Fees for M.B. and C.M. amounts to about £100. The Fee for M.D. is £15 8s. additional.

**BURSARIES.**—Bursaries to the annual amount of £530 are restricted to Medical Students, whilst Scholarships and Fellowships to the amount of upwards of £1,600 may be held by Medical Students who have gone through the Arts' Course.

Full particulars as to the Course of Education and Examination required for the Degrees, and the Preliminary Examination required to be passed by Students before beginning Medical study, will be found in the University Calendar (by post 3s.); or a Syllabus of the Regulations, Fees, &c., may be obtained by applying to Mr. W. INNES ADDISON, Assistant Clerk.

## Queen's College, Birmingham.

President: The Right Hon. Lord Windsor.  
Vice-President: The Rev. Canon Wilkinson, D.D.  
Warden: The Rev. W. H. Poulton, M.A.  
Hon. Secretary: Professor Windle, M.A., M.D.  
Secretary: Joseph Lewis, F.C.A.

### SCHOOL OF MEDICINE.

The WINTER SESSION will commence on Tuesday, the 1st October next.

By arrangement with the Mason College, certain of the courses (marked \*) are carried on in that Institution. The Museums and other means of teaching have been much augmented during the past few years; the College, with the two General Hospitals, the Borough Asylum, and the Associated Special Hospitals affording every opportunity for the study of Medicine and Surgery in all their branches.

### COLLEGE STAFF.

Medicine—Professors Sir W. Foster, M.D., F.R.C.P., and Sir J. Sawyer, M.D. (Lond.), F.R.C.P.  
Surgery—Professors O. Pemberton, F.R.C.S.; and Bennett May, M.B., B.S. (Lond.), F.R.C.S.  
Anatomy—Professor Bertram C. A. Windle, M.A., M.D., B.Ch. (Dub.)  
Demonstrators—Dr. Mahood, Messrs. J. Lloyd, W. F. Haslam, F. Marsh, and J. A. Kempe.  
\*Physiology—Professor F. J. Allen, M.A., M.B. (Cantab.)  
\*Chemistry—Professor W. A. Tilden, D.Sc. (Lond.), F.R.S.  
\*Physics—Professor J. H. Poynting, D.Sc. (Cantab.), F.R.S.  
Pathology—Professor G. Barling, M.B., B.S. (Lond.), F.R.C.S.  
Demonstrators—Drs. Foxwell and Mahood.  
Midwifery—Professor J. Clay.  
Gynaecology—Professor Lawson Tait, F.R.C.S., M.D.  
\*Botany—Professor W. Hillhouse, M.A. (Cantab.), F.L.S.  
Materia Medica and Therapeutics—Professors F. Rickards, M.A., M.B. (Oxon), F.R.C.P.; and C. W. Suckling, M.D. (Lond.), M.R.C.P.  
Forensic Medicine—Professor J. St. S. Wilders.  
Toxicology—Professor Bostock Hill, M.D., F.I.C.  
\*Comparative Anatomy—Professor W. Bridge, M.A., (Cantab.)  
Ophthalmology—Professor J. Vose Solomon, F.R.C.S.  
Lunacy and Mental Diseases—Professor E. B. Whitcombe.  
Lecturer on Operative Surgery—T. H. Bartleet, M.B. (Lond.), F.R.C.S.  
Medical Tutor—A. E. Mahood, M.B., B.Ch.

### HOSPITAL STAFFS.

#### THE GENERAL HOSPITAL.

Physicians—Dr. Wade, Sir W. Foster, Drs. Rickards and Saundby.  
Surgeons—Messrs. O. Pemberton, Bartleet, Jolly, and Chavasse.  
Obstetric Officer—Dr. Malins.  
Assistant Physicians—Drs. Simon and Foxwell.  
Assistant Surgeons—Messrs. Haslam and Barling.

#### THE QUEEN'S HOSPITAL.

Physicians—Drs. Carter and Suckling.  
Surgeons—Messrs. Wilders, May, Lloyd, and Marsh.  
Obstetric Officer—  
Ophthalmic Surgeon—Mr. Priestley Smith.  
Dental Surgeon—Mr. Charles Sims.  
Physician for Out-patients—  
Casualty Surgeons—Messrs. Clay and Morrison.  
Students have also access to the Borough Asylum—E. B. Whitcombe, Superintendent—to the Eye, and to the Orthopaedic Hospitals.

There are special SKIN and THROAT and EAR Departments at the General Hospital.  
There is a DENTAL Department, in which, in conjunction with the Dental Hospital, the full curriculum may be obtained.

LECTURERS ON SPECIAL DENTAL SUBJECTS.  
Dental Surgery—Charles Sims, L.D.S. Eng.  
Dental Anatomy—John Humphreys, L.D.S. I.  
Dental Mechanics—W. T. Elliott, L.D.S. Ed. and I., F.O.S.  
\*Dental Metallurgy—W. A. Tilden, D.Sc. (Lond.), F.R.S.

Dental Tutor—F. H. Goffe, L.D.S. Eng. and Ed.  
For information respecting this Faculty, application should be made to Jno. Humphreys, Esq., L.D.S., 22, Newhall Street.

For further information concerning the College, Curriculum, Scholarships, and Prizes, or for Prospectus, application should be made to the Warden; or Professor Windle, M.D., Hon. Sec., at the College.

JOSEPH LEWIS, Secretary,  
21, Paradise Street.

## The Mason College, Birmingham.

SESSION 1889-90.

### FACULTIES OF ARTS AND SCIENCE.

The NEXT SESSION commences on Tuesday October 1st, 1889.

A SYLLABUS, containing full information as to the various courses of instruction, lecture days and hours, fees, scholarships, &c., is published by Messrs. Cornish, New Street, Birmingham, price 6d. (by post 7½d.)

Further particulars may be obtained on application to the Secretary at the College.

GEORGE H. MORLEY, Secretary.

## Owens College, Victoria UNIVERSITY, Manchester.

### MEDICAL DEPARTMENT.

PRINCIPAL—J. G. GREENWOOD, LL.D.  
DEAN—Prof. A. H. YOUNG, M.B., F.R.C.S.

### PROFESSORS AND LECTURERS.

Anatomy—Prof. A. H. Young, M.B., F.R.C.S.  
Physiology and Histology—Brackenbury Prof. W. Stirling, M.D., D.Sc.  
Chemistry—Prof. H. B. Dixon, M.A., F.R.S.  
Organic Chemistry—Prof. C. Schorlemmer, LL.D., F.R.S.  
Botany—Prof. W. C. Williamson, F.R.S.  
Zoology and Comparative Anatomy—Beyer Prof. A. M. Marshall, M.D., M.A., D.Sc., F.R.S.  
Materia Medica and Pharmacy—Prof. D. J. Leech, M.D., F.R.C.P.  
Medicine—Prof. J. E. Morgan, M.D.; Prof. J. Ross, M.D.  
Clinical Medicine—Prof. Morgan, M.D.; Prof. Leech, M.D.; Prof. J. Dreschfeld, M.D.; Prof. J. Ross, M.D.; Graham Steel, M.D.  
Pathology and Morbid Anatomy—Prof. J. Dreschfeld, M.D., F.R.C.P.  
Surgery, Systematic and Practical—Prof. A. W. Hare, M.B., F.R.C.S.E.  
Clinical Surgery—F. A. Heath, M.R.C.S.; W. Whitehead, F.R.C.S.E.; T. Jones, M.B., F.R.C.S.; J. Hardie, M.D., F.R.C.S.; F. A. Southam, M.B.; G. A. Wright, M.B.  
Surgical Pathology—Prof. A. H. Young, F.R.C.S.  
Obstetrics and Gynaecology—Prof. W. Japp Sinclair, M.D.  
Clinical Obstetrics and Gynaecology—D. Lloyd Roberts, M.D.  
Diseases of Children—Henry Ashby, M.D., M.R.C.P.  
Medical Jurisprudence—J. Dixon Mann, M.D., M.R.C.P.  
Hygiene—A. Ransome, M.D., F.R.S.  
Mental Disease—G. W. Mould, M.R.C.S.  
Ophthalmology—D. Little, M.D.  
Clinical Ophthalmology—D. Little, M.D.; C. E. Glascock, M.D.  
Skin Diseases.—H. A. G. Brooke, M.B.  
Diseases of the Larynx.—Lecturer to be appointed.  
With Assistant Lecturers in all the Principal Subjects.

### SCHOOL OF DENTAL SURGERY.

Dental Surgery—G. G. Campion, L.D.S.  
Dental Anatomy and Physiology—W. A. Hooton, L.D.S.  
Dental Mechanics—T. Tanner, L.D.S.  
Dental Metallurgy—C. A. Burghardt, Ph.D.

The Classes at the College qualify for Degrees in the Victoria University; for many of the Degree Examinations of the University of London; and for the Diplomas of the Royal Colleges of Physicians and Surgeons of London, &c., &c.

There are two Halls of Residence associated with the College.

Prospectuses of the several Departments—  
I. DAY CLASSES.  
III. DENTAL DEPARTMENT.

II. DEPARTMENT OF MEDICINE.

IV. DEPARTMENT FOR WOMEN.

V. EVENING CLASSES.

Will be forwarded on application to the Registrar.

HENRY WM. HOLDER, M.A.,  
Registrar.

## Preliminary Examinations.—

Mr. THOMAS LYLE, M.A., F.R.Hist.S., continues to PREPARE GENTLEMEN for the above and the Universities.—For terms, &c., address Grove House, Shacklewell Lane, London, E. A few resident pupils received. Nearly 400 gentlemen have succeeded under Mr. Lyle's tuition.

### VICTORIA UNIVERSITY.

## YORKSHIRE COLLEGE, LEEDS.

### MEDICAL DEPARTMENT.

The WINTER SESSION, being the Fifty-ninth of the Leeds School of Medicine, will be opened on Tuesday, October 1st, when an address will be delivered, and the prizes distributed, by W. T. Gairdner, M.D., LL.D., Professor of Medicine in the University of Glasgow, Physician to H. M. the Queen in Scotland.

### PROFESSORS, LECTURERS, AND DEMONSTRATORS.

Medicine—Professor J. E. Addison, M.D. Edin.; Thomas Churton, M.D. Aberd.  
Surgery—Professor A. F. McGill, F.R.C.S.  
Practical Surgery—A. W. Mayo Robson, F.R.C.S.  
Anatomy, Descriptive, Applied and Practical—Professor T. Wardrop Griffith, M.D., C.M. Aberd.  
Lecturer on Osteology, Edmund Robinson, M.R.C.S. Demonstrator, M. J. Oliver, M.B., C.M. Edin. Honorary Demonstrators, G. Lee Wells, M.B., B.S. (Lond.), F.R.C.S.; H. Archbold Smith, M.R.C.S.  
Physiology, Practical Physiology, and Histology—Professor De Burgh Birch, M.D., C.M. Edin., F.R.S.E. Demonstrator, E. Lloyd Jones, B.A., M.B., B.C., Cantab.  
Pathology and Morbid Histology—Professor R. H. Jacob, M.A., M.D. Oxon.  
Midwifery—Professor C. J. Wright, M.R.C.S.  
Diseases of Women and Children—J. B. Hellier, M.D. Lond.  
Forensic Medicine—T. Scattergood, M.R.C.S.; C. M. Chadwick, M.A., M.B. (Oxon), M.R.C.P. Demonstrator of Practical Toxicology—C. H. Bothamley, F.I.C.  
Materia Medica, Pharmacology and Therapeutics—A. G. Barrs, M.D. Edin., M.R.C.P.  
Practical Pharmacy—Demonstrator, F. W. Branson, F.I.C.  
Chemistry and Practical Chemistry—Professor Arthur Smithells, B.Sc. Lond. Demonstrator, C. H. Bothamley, F.I.C.  
Biology, Botany, and Comparative Anatomy—Professor L. C. Miall, F.L.S., F.G.S.  
Physics—Professor William Stroud, D.Sc. Lond., B.A. Oxon.  
Operative Surgery—A. W. Mayo Robson, F.R.C.S.  
Ophthalmology—J. A. Nunneley, M.B. Lond.  
Mental Diseases—W. Bevan Lewis, L.R.C.P., M.R.C.S.  
Hygiene and Public Health—R. N. Hartley, M.B., B.S. Lond.  
Hospital Instruction by the Physicians and Surgeons to the General Infirmary.  
The Leeds Public Dispensary, the Borough Fever Hospital, the Hospital for Women and Children, and the West Riding Lunatic Asylum are also available for the instruction of Students.  
The Lectures and Hospital Practice qualify Students for the various Examining Boards. Students can enter for the Hospital Practice or the Lectures, or for a single Course of Lectures separately.  
The Prospectus and further information may be obtained from the Registrar of the College, to whom all fees are payable.  
An Entrance Scholarship, consisting of a free admission to the courses of lectures and practical instruction, covered by the composition fee of sixty guineas, will be awarded upon the result of a competitive examination, beginning September 23rd, 1889. Particulars may be obtained from the Registrar of the College.

## Hereford County College.

Chairman: The Hon. and Very Rev. the Dean of Hereford.

Head Master: The Rev. C. F. MULLER, M.A.

PREPARATION FOR THE UNIVERSITIES, PROFESSIONS, LOCAL EXAMINATIONS, BUSINESS, CLASSICAL AND MODERN SIDES. JUNIOR DEPARTMENT FOR BOYS under nine. SHORTHAND CLASSES.

Extensive New Buildings, in high and healthy situation, with Chapel, Laboratory, Cubicled Dormitories, Sanatorium, &c.

Among recent successes:—In Cambridge Local Examinations, 1888, of all Schools in England—

FIRST IN RELIGIOUS KNOWLEDGE.

FIRST IN FRENCH.

SECOND IN GREEK.

FIFTH IN LATIN.

Inclusive Fees for Boarders, £36 per annum.

in Preparatory

Department ... £28

The NEXT TERM will COMMENCE on SATURDAY, SEPT. 28th.

## The University of Durham

COLLEGE OF MEDICINE, Newcastle-upon-Tyne.

The WINTER SESSION will be opened on Tuesday, October 1st.

### LECTURES—WINTER SESSION.

Anatomy—Dr. Howden.  
Physiology—Mr. Williamson, F.R.C.S., and Professor Oliver.  
Chemistry—Professor Bedson, D.Sc.Lond.  
Medicine—Professor Philipson, M.A., M.D., D.C.L., F.R.C.P.  
Surgery—Dr. Arnison and Professor G. Y. Heath, M.D., M.B.Lond., D.C.L., F.R.C.S.  
Midwifery—Dr. Nesham.  
Diseases of Women—Dr. Gibson.  
Hygiene—Mr. Henry E. Armstrong.  
Psychology—Dr. McDowall.  
Physics—Professor H. Stroud, B.A.Cantab., D.Sc.Lond.  
Zoology—Professor Brady, M.A., F.R.S.  
Dental Surgery—E. Fothergill, L.D.S. Eng.

### SUMMER SESSION.

Botany—Dr. Murphy.  
Materia Medica—Mr. McBean.  
Practical Chemistry—Professor Bedson.  
Practical Physiology—Professor Oliver.  
Medical Jurisprudence—Mr. Page.  
Pathology—Dr. Drummond.  
Operative Surgery—Professor Heath, M.D., and Dr. Arnison.

**LICENCES AND DEGREES IN MEDICINE, SURGERY, AND SANITARY SCIENCE.**—Three Licences and four Degrees are conferred by the University of Durham—viz., Licences in Medicine, Surgery, and Sanitary Science, the Degrees of Bachelor in Medicine, Bachelor in Surgery, Master in Surgery, and Doctor in Medicine.

Attendance at the University of Durham College of Medicine during one of the four years of professional study, or subsequently to qualification elsewhere, is required as part of the curriculum for the Degrees, except in the case of Practitioners of more than fifteen years' standing, and forty years of age, who can obtain the Degree after examination only.

There are three Examinations for the Degree of M.B.: the First, consisting of Elementary Anatomy and Physiology, Chemistry with Chemical Physics, and Botany with Medical Botany; the Second, of Anatomy, Physiology, and Materia Medica with Pharmacy; and the Third, of Medicine, Surgery, Midwifery, and the allied subjects. Candidates who shall have passed the First and Second Examinations for the Degree will be exempt from the First and Second Examinations of the Conjoint Board in England. Candidates who shall have passed the First Examination of the Conjoint Board in England will be exempt from the First Examination for the Degrees, except in the subjects of Chemistry with Chemical Physics and Botany with Medical Botany.

The First and Second Examinations for the Degree of M.B. may be passed prior to the commencement of attendance at Newcastle.

The extra Arts Examination must be passed previously to the Candidate's entry for the Third Examination for the Degree.

Lists of the questions of former Examinations, together with full particulars and synopses of the subjects, will be found in the Calendar, which may be obtained by application to the Secretary.

**SCHOLARSHIPS, ETC.**—The following Scholarships and Prizes are awarded annually: a University of Durham Scholarship, value £100, for Proficiency in Arts, awarded to full Students in their first year. The Dickinson Scholarship, value £15, and a Gold Medal, for Medicine, Surgery, Midwifery, and Pathology. The Tulloch Scholarship, value the interest of £400, for Anatomy, Physiology, and Chemistry. The Charlton Scholarship, value the interest of £700, for Medicine. The Gibb Scholarship, value the interest of £500, for Pathology. The Goyder Memorial Scholarship (at the Royal Infirmary), value the interest of £325, for Clinical Medicine and Clinical Surgery. At the end of each Session, Prizes of Books and Honours' Certificates are awarded in each of the regular classes. Assistant Demonstrators of Anatomy, receiving each an honorarium of £5, Prosecutors, and Assistant Physiologists are elected yearly. Pathological Assistants, Assistants to the Dental Surgeon, Assistants in the Eye Department, and Clinical Clerks and Dressers, are appointed every three months.

A full Dental Curriculum for the Licence in Dental Surgery of the Royal College of Surgeons of England can be followed out at the College and Royal Infirmary.

## UNIVERSITY OF DURHAM—continued.

### ROYAL INFIRMARY, NEWCASTLE-UPON-TYNE.

#### MEDICAL AND SURGICAL STAFF.

Physicians—Drs. Philipson, Drummond, Oliver, and Limont.  
Surgeons—Drs. Arnison, Hume, Williamson, and Mr. Page.  
Assistant Surgeons—Mr. T. A. Dodd and Mr. J. R. Morison.  
Pathologist—Dr. Drummond.  
Dental Surgeon—Mr. R. L. Markham.  
House Physician—Mr. William Baigent, M.B., B.S.  
The Royal Infirmary contains 280 beds. Clinical Lectures are delivered by the Physicians and Surgeons in rotation. Pathological Demonstrations are given, as opportunity offers, by the Pathologist. Practical Midwifery can be studied at the Newcastle Lying-in Hospital, where there is an out-door practice of about 500 cases annually. Lectures are given on Psychological Medicine at the Northumberland County Asylum, by Dr. McDowall, Medical Superintendent. A Special Course of Instruction is given in the Hospital for Infectious Diseases by the Superintendent and City Officer of Health, Mr. H. E. Armstrong.

#### FEES.

(a) A Composition Ticket for Lectures at the College may be obtained—

1. By payment of 60 guineas on entrance.
2. By payment of 35 guineas at the commencement of the first and second Winter Sessions.
3. By three annual instalments of 30, 25, and 20 guineas respectively, at the commencement of the seasonal year.

Composition Fee for Dental Course at College, 40 guineas.

(b) Fees for attendance on Hospital Practice—

For 3 months' Medical and Hospital Practice, 5 gs.  
" 6 " " " " 8 "  
" 1 year " " " 12 "  
" perpetual " " " 25 "  
or by three instalments at the commencement of the seasonal year—viz., first year, 12 guineas; second year, 10 guineas; third year, 6 guineas. Or by two instalments—viz., first year, 14 guineas; second year, 12 guineas.

Fee for Dental Students, 15 guineas.

In addition to the above fees, the Committee of the Royal Infirmary require the payment of 2 guineas yearly up to three years, from every Student attending the Infirmary for a year or part of a year. After three years of attendance such payment will be no longer necessary.

(c) Single Courses of Lectures, 5 guineas.

Fees for Lectures, &c., at College must be paid to the Registrar, and fees for Hospital Practice to the House Physician at the time of entry.

Further particulars may be obtained from the Secretary, HENRY FOX, R.N. at the College.

## Sheffield School of Medicine.

The WINTER SESSION will commence on Tuesday, Oct. 1st, 1889, at 5 p.m., when the Inaugural Address will be delivered in the Lecture Room of Firth College by CHARLES ATKIN, Esq., F.R.C.S., Lecturer on Anatomy at the Sheffield School of Medicine, and Assistant Surgeon to the Sheffield General Infirmary.

A Prospectus, and any further information can be obtained from the Secretary, School of Medicine, Leopold Street, Sheffield.

## Royal Colleges of Physicians

and SURGEONS of EDINBURGH, and FACULTY of PHYSICIANS and SURGEONS of GLASGOW.

The PROFESSIONAL EXAMINATION periods for the Triple Qualification of this Board for 1889-90 will commence as follows:—

IN EDINBURGH.  
1889—October 2nd.  
1890—January 8th.  
1890—April 2nd.  
1890—July 2nd.  
IN GLASGOW.  
1890—April 16th.  
1890—July 16th.

Copies of the Regulations containing all necessary information regarding curriculum of study, &c., may be had on application to JAMES ROBERTSON, Solicitor, 1 George Square, Edinburgh, or to ALEXANDER DUNCAN, B.A., Faculty Hall, 242, St. Vincent Street, Glasgow.

## University College, Bristol.

### MEDICAL SCHOOL.

The WINTER SESSION will commence on Tuesday, October 1st.

#### LECTURERS:

Medicine—E. Markham Skerritt, M.D.Lond., B.S., B.A., F.R.C.P., and R. Shingleton Smith, M.D.Lond., B.Sc., F.R.C.P.  
Surgery—N. C. Dobson, F.R.C.S., and J. Greig Smith, M.B., C.M., M.A.  
Anatomy—W. H. Harsant, F.R.C.S.  
Practical Anatomy—Demonstrator, P. W. Williams, M.B.Lond.  
Physiology—Lecturer, G. Munro Smith, M.R.C.S.; Assistant-Lecturer, J. Michell Clarke, M.A., M.B.Cantab., M.R.C.P.  
Chemistry. } T. Coomber, F.C.S.  
Practical Chemistry. }  
Botany—Prof. A. Leipner.  
Materia Medica and Therapeutics—A. B. Prowse, M.D.Lond., F.R.C.S.  
Practical Physiology and Histology—G. F. Atchley, M.B.Lond.  
Midwifery—J. G. Swayne, M.D.Lond., and A. E. Aust Lawrence, M.D.  
Practical Surgery—A. W. Prichard, M.R.C.S.  
Operative Surgery—W. J. Penny, F.R.C.S.  
Pathology and Morbid Anatomy—Barclay J. Baron, M.B., C.M.Edin.  
Practical Pathology and Morbid Anatomy—Barclay J. Baron, M.B., C.M.Edin.  
Medical Jurisprudence—R. Eager, M.D.Lond., and A. J. Harrison, M.B.Lond.  
Hygiene—D. S. Davies, M.B.Lond., D.P.H.Cantab.  
Comparative Anatomy—Prof. Lloyd Morgan.  
Medical Tutor—F. H. Edgeworth, B.A., M.B.Cantab., B.Sc.Lond.  
Physiological Assistant—T. C. Grey.  
Composition Fees for Lectures, 60 guineas or 50 guineas.  
Perpetual Hospital Practice, Bristol Royal Infirmary or Bristol General Hospital, 35 guineas.  
Numerous valuable Scholarships and Prizes are offered for competition by the Medical School and by the Infirmary and the Hospital.  
Prospectuses and further particulars may be obtained on application to  
E. MARKHAM SKERRITT, M.D., Dean.

## Glasgow Royal Infirmary and ST. MUNGO'S COLLEGE.

The Managers of the Infirmary invite applications for the office of CURATOR of the MUSEUM and PATHOLOGIST. The salary attached to the office is £50.

The gentleman elected will also be appointed by the Governors of St. Mungo's College as Lecturer on Pathology in the College. The Infirmary contains nearly 600 beds, and offers a good field for work and research in the pathological department.

Mr. Henry Lamond, Secretary, 93, West Regent Street, will give information as to the duties, emoluments, &c., of the latter appointment; and applications will require to be lodged with him not later than Friday, 20th September, 1889.

Glasgow, 24th August, 1889.

## Royal Albert Hospital, Devonport.

The post of RESIDENT MEDICAL OFFICER of the above Hospital will shortly be vacant.

Candidates, who must be unmarried, are required to be registered under the Medical Act 1858, and to be qualified by Law to practise both in Medicine and Surgery in England and Wales.

The duties consist in the usual work of House Surgeon in the Civil Hospital, and the entire Medical Charge of the Lock Wards attached to the Hospital.

The Resident Medical Officer must give his time exclusively to the duties of the Hospital.

Salary £150 per annum, with board and lodging. Applications are to be made on a printed form which may be obtained from the undersigned. They are to be addressed to the Chairman of the Selection Committee, and must reach him not later than Thursday morning, the 12th of September next.

Canvassing either directly or indirectly will be considered a disqualification.

By order of the Committee,  
C. A. SHAPCOTE,  
Honorary Secretary.

Royal Albert Hospital,  
Devonport, 24th August, 1889.



**Wanted, in October, an indoor** Qualified ASSISTANT in a Works district (Welsh speaking and an abstainer preferred).—Apply, stating age, experience, salary required, and references to A. B., *South Wales Daily News Office*, Swansea.

**Wanted, a qualified English** gentleman as ASSISTANT, in a general country practice, to dispense, visit, and attend a little midwifery. Age 27 to 37.—Apply, stating references and salary required, to Delta, Deal and Walmer Union Club, Walmer.

**Wanted, by a gentleman of** experience, an OUTDOOR ASSISTANT. Advertiser is 29 nine years of age; height, 6 feet; married, no family; accustomed to all kinds of practice, and requires a small salary.—A. D. A., 163, Stretford Road, Manchester.

**Wanted, Visiting and Dis-** pensing ASSISTANT, qualified.—Apply, Alpha, Messrs. CORBYN, High Holborn, London.

**Wanted, a Qualified Assistant** or JUNIOR PARTNER. One accustomed to Dispensary Practice preferred.—Apply at once, before 12 or after 6 o'clock, W. S., 4, Manor Place, Lower Edmonton, N.

**Wanted, Re-engagement as** DISPENSER and BOOK KEEPER by second year's student, within easy distance of the London Hospital. Moderate salary accepted. Reference to former employer.—Address, F. H. W., Dr. SLIMON, Bow Road, E.

**Wanted by a doubly qualified** gentleman (Ed. 1886) an ASSISTANT-SHIP. Age 24. Excellent references and testimonials.—Address, Vera, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Wanted immediately, a young** gentleman as indoor DISPENSER, must be experienced.—Apply, with carte, stating height and full particulars to Dr. W., 56, Bolton Road, Darwen.

**Edinburgh Graduate (30)** wishes good ASSISTANTSHIP. With view to PARTNERSHIP preferred. Four years' experience. Good testimonials and references.—Address, Pinol, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Registered Student, age 23,** abstainer, wants post as DISPENSING ASSISTANT in any Town with Medical School. Time for Chemistry Lectures only required. Experienced in General Practice. Highest references and testimonials.—A. H., Dr. HIGTON, Derby.

**Locum Tenens.—Medical Man,** desirous of spending a few weeks in pretty Country or Seaside place, would be pleased to take charge of a practice in return for Return Railway Fare, &c.—Address, House Surgeon, Children's Hospital, Bristol.

**Locum Tenens. — M.R.C.S.,** L.S.A., &c., 3 years' experience, aged 27. Good Accoucheur. Can ride and drive well. Excellent references to present and recent employers. Disengaged September 11th instant.—Address, Locum, care of Dr. CANE, Mansion House, Peterborough.

**A middle-aged, well-qualified,** Medical Man of great experience, seeks employment. Would manage a Branch Practice, or assist an elderly practitioner, or act as Locum Tenens.—Address, R. A., BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**A Gentleman wishes to re-** commend a GROOM—excellent man with horses, and one in whom the utmost confidence can be placed. Wages required not high.—Apply, J. H. M., BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Locum Tenency required by** qualified registered gentleman.—Address, Locum, Dr. ROBINSON, Attercliffe, Sheffield.

**Suburbs or Seaside.—Gentle-** man, aged 25, late House Physician and Surgeon St. Mary's, with excellent testimonials, well received and fond of work, would be glad to assist an elderly Gentleman, with view to ultimately purchasing a Share in a good class practice.—Write H. N., MAY'S, 162, Piccadilly.

**Wanted, a good middle class** PRACTICE or PARTNERSHIP of not less than £700 per annum, by a well qualified and successful practitioner, who has the necessary means at command.—Address, Medicus, 62, Upper Berkeley Street, W.

**Wanted, a middle-class Prac-** tice of £700 to £800 a year in a nice town.—Address, Holyrood, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Wanted by a doubly-qualified** young man of considerable experience, a PARTNERSHIP of about £500 per annum in Wales.—Apply to Wm. HORNBROOK, Medical Agency, 17, Bloomsbury Street, Oxford Street, W.C.

**Wanted, by a Cambridge** M.D. and M.A., a good middle-class PRACTICE or PARTNERSHIP of not less than £500 per annum in a good London neighbourhood or immediate Suburb. Has held Hospital Appointment and some experience of General Practice.—Address, Cambridge, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Immediate.—Wanted, to pur-** chase a PRACTICE in South of England worth about £700 per annum, of which £100 must be from appointments.—State price and full particulars in confidence to J. S. J., BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Immediate. — Partnership or** PRACTICE wanted of not less than £500 a year (country preferred). Advertiser is a bachelor, age 30, of good social standing, and has had 7 years' experience. Has Capital ready, and can make immediate arrangements.—Address, M. R. C. P., BRITISH MEDICAL JOURNAL Office, 429, Strand.

**Immediate.—£1,000 a year.—**For prompt DISPOSAL, an old-established middle-class PRACTICE, situate in an open district within 4 miles of St. Paul's. Easily worked appointment of over £100 connected. A large proportion of the income is received in cash. Convenient residence available. Premium, with an efficient Partnership introduction £1,200.—Apply to Mrs. NEEDS, 27, Euston Road, N.W.

**Windsor, Winchester, Salis-** bury, or Southampton.—A well qualified middle aged gentleman, holding a country practice, desires to purchase a PRACTICE in or near one of the above-named towns. Ample means at command. All communications regarded as most strictly private.—Address, Altmere, care of *Lancet* Office, 423, Strand, London, W.C.

**M.R.C.S.E., L.D.S., would feel** obliged by any Medical Man informing him of any town in the South of England where there is an opening for a good Dentist. Warm Climate indispensable.—Address, F. C., Moultondale, Circus Road, Cheltenham.

**Nucleus.—New neighbourhood** rapidly increasing. A working and middle class ready cash PRACTICE, capable by residence and attendance of realising £12 per week. Advertiser, a West End Practitioner, cannot give time, will either transfer same with the eligible premises, or take Partner who could reside rent free. The house is held at exceptional low rent, with surgery, fittings, &c. It is requested no one will entertain this advertisement who is not prepared with £50 cash.—Apply to Dr. S., between the hours of 7 and 9 p.m., at 1, Melcombe Terrace, Wandsworth Bridge Road, Fulham; or before 11 a.m. at 3, St. George's Circus, Southwark.

**Exchange of Practices or** Locum Tenens.—Married practitioner, age 37, wishes to exchange few weeks small practice healthy pretty country town, South of England, easy access few seaside places, for light practice. Wales, lakes, Devonshire, Jersey, preferred.—or South or East Coast.—Gamma, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Partnership.—The half-share** of a London Mixed PRACTICE of £300 a year will be sold for £400. Satisfactory reasons for taking a partner. Arrangements may be made for the ultimate Purchase of the Practice.—Apply to Wm. HORNBROOK, Medical Agency, 17, Bloomsbury Street, Oxford Street, W.C.

**Partnership, half-share. — A** Medical Practitioner is required as PARTNER in a Firm of Electricians. Profits about £1,500 a year. No person with less than £500 or good security need negotiate.—Apply to Wm. HORNBROOK, Medical Agency, 17, Bloomsbury Street, Oxford Street, W.C.

**Partnership or Succession. —**Wanted by a M.R.C.S. and L.R.C.P., aged 28 (the son of a medical man) with experience in general practice. Preliminary assistantship not objected to.—Address, E. B., care of Messrs. MUNTON & MORRIS, Solicitors, 95a, Queen Victoria Street, E.C.

**Death Vacancy.—Immediate,** in County Durham, Old Established PRACTICE. Colliery District, including Clubs, Private Practice, and Appointments, worth £650 per annum, and capable of extension, to be disposed of immediately on very reasonable terms, together with good house, cheap rental.—Apply, Lex, Newbottle House, Fence Houses, Co. Durham.

**Great Northern Central** HOSPITAL, Holloway Road, N.

The office of HOUSE SURGEON is vacant. Candidates for the appointment, who must possess a registrable surgical qualification, are desired to forward their applications, with copies of testimonials, to the Secretary on or before September 23rd, 1889.

Salary £80 per annum, with board and lodging in the Hospital.

WILLIAM T. GRANT, Secretary.  
Sept. 2nd, 1889.

**Luton Friendly Societies'** MEDICAL INSTITUTE.

An ASSISTANT MEDICAL OFFICER (non-resident) will be required for the above on Oct. 1st. Salary at the rate of £120 per annum. Applications should be sent to the undersigned not later than Wednesday, September 13th. Further particulars can be obtained on application.

By order of the Committee.  
THOS. KEENS, Secretary.  
25, Melson Street, Luton, Beds.

**County Asylum, Shrewsbury.**

Wanted a JUNIOR ASSISTANT MEDICAL OFFICER.

Candidates must be registered practitioners, and not over 27 years of age.

Salary £100 per annum and £8 in lieu of beer, with board, lodging, and washing.

Applications, accompanied by not more than six recent testimonials, to be forwarded to the Medical Superintendent at the Asylum (from whom information as to the duties can be obtained) on or before the 11th day of September.

**Macclesfield General** INFIRMARY.

A SENIOR HOUSE SURGEON is required for this Institution.

He must be doubly qualified and duly registered.

Salary £100 for the first year, with an increase of £10 the second year, with board and residence. Applications, with not more than six recent testimonials, to be addressed to "The Chairman, House Committee, Macclesfield Infirmary," on or before the 14th September next.

The appointment to be made on the 27th September.

**Bethlem Hospital.—**With a view of extending the experience requisite for the efficient Medical Treatment and Management of the Insane, this Hospital is open for the admission of TWO RESIDENT CLINICAL ASSISTANTS who have recently obtained their diplomas to practise Medicine and Surgery.

They will be permitted to reside in the hospital for a term generally not exceeding six months, and will be provided with such apartments, rations, and attendance as the Committee shall consider reasonable.

They will be under the direction of the Resident Physician, and will be elected by the Committee from Candidates whose testimonials appear to be most satisfactory.

Applications for the appointment, with testimonials, to be forwarded to Bridewell Hospital, Blackfriars, E.C., addressed to John Baggallay, Esq., before 2 o'clock on Saturday, October 12th, 1889.

The election will take place on October 14th, at Bridewell Hospital, and the elected candidates will be expected to commence residence on November 1st.

Candidates must attend at Bridewell Hospital on Monday, October 14th, at 2 o'clock.

JOHN BAGGALLAY, Clerk.

August 24th, 1889.

## Royal South Hants Infirmary, Southampton.

HOUSE SURGEON required. Qualifications necessary:—"He shall be a Member of the Royal College of Surgeons and a Licentiate of the Apothecaries Company, or be a Graduate in Medicine of some University of the United Kingdom, or possess a diploma from some College of Physicians of the United Kingdom where examinations are made the test of fitness. He shall be willing to engage himself for a period of not less than one year."

Salary £100 per annum, with board and lodging. Applications with testimonials, &c., stating age, to be sent to the undersigned on or before September 20th, 1889.

T. A. FISHER HALL,  
Secretary.

August 30th, 1889.

## Scarborough Hospital and DISPENSARY.

Wanted a HOUSE SURGEON to commence his duties about the 3rd of October. Candidates must be duly qualified and registered. Salary £80 per annum, with board, lodging, and washing. Candidates, who must be unmarried, to send in applications with testimonials to the Secretary on or before September 15.

The Hospital and Dispensary,  
Scarborough, Yorks.

## Royal United Hospital, Bath.

The office of HOUSE SURGEON will be vacant on 1st October next. Candidates must be M.R.C.S. Eng., and registered.

Salary £60 per annum, with board, lodging and washing.

Diplomas and testimonials must be forwarded to the undersigned (from whom further particulars may be obtained) on or before Thursday, 19th inst.

By order, ALBERT E. BOYCE,  
Secretary-Superintendent.

Bath, Sept. 3rd, 1889.

## City Asylum, Birmingham.

Mr. Ensor having been appointed Junior Assistant Medical Officer to Somerset County Asylum, there is a vacancy in this Asylum for a RESIDENT CLINICAL ASSISTANT. Board, lodging, and washing are provided, but no salary.

Apply, stating age, qualifications, &c., and enclosing testimonials, to

E. B. WHITCOMBE,  
Medical Superintendent.

## Liverpool Infirmary for CHILDREN.

There will be a vacancy about 7th October, for an ASSISTANT HOUSE SURGEON.

The appointment will be for a period of six months. Boarding and lodging will be provided, but no salary.

Applications with testimonials (copies) to be sent in on or before the 19th inst. to

C. W. CARVER, Hon. Sec.

## West London Hospital, Hammersmith Road, W.

Vacancy for a HOUSE SURGEON, duties to commence on October 1st next. Appointment tenable for six months. Board and lodging provided. Candidates must be registered under the Medical Act.—Applications with testimonials (copies only) must reach me by 25th inst.; applicants must appear before the Medical Council at 4.30 p.m. on 27th inst., also before House Committee, who will elect on the 30th inst. at 10.30 a.m.

R. J. GILBERT,  
Secretary-Superintendent.

September 7th, 1889.

## Royal National Hospital for CONSUMPTION, Ventnor, I.W.

ASSISTANT RESIDENT MEDICAL OFFICER required on the 8th October, 1889.

Salary £60 per annum, with board and lodging in the Hospital.

Candidates must be on the Register, unmarried, and in good health. Preference will be given to a Graduate in Medicine of a British or Irish University.

Applications, with copies of testimonials, must be delivered not later than September 23rd, addressed "The Chairman of the Board of Management, 34, Craven Street, Strand, London."

## City of London Hospital for DISEASES of the CHEST, Victoria Park, E.

Applications, with testimonials, for the post of HOUSE PHYSICIAN are invited to be sent to the Secretary at the office, 24, Finsbury Circus, E.C., not later than 20th September.

Board and residence provided but no salary. The appointment will be for a period of six months, commencing October 1st, 1889. Candidates must be qualified.

Information as to duties, &c., can be obtained on application to the Secretary at the office by letter, or personally, any day between 12 and 2 o'clock.

T. STORRAR-SMITH,  
Secretary.

August 30th, 1889.

## Ipswich Borough Lunatic ASYLUM.

The Committee of Visitors of the above invite applications for the post of RESIDENT MEDICAL SUPERINTENDENT, vacant by the death of Barrington Chevallier, Esq., M.D.

The Salary is £400 per annum, with unfurnished residence, firing, light, garden-produce and washing; and stabling and forage (but not an attendant) for a horse, should the gentleman appointed desire to provide one.

An Assistant Medical Superintendent resides on the premises.

Applications, stating age, whether married, and when duties could be undertaken, to be delivered before 5 o'clock p.m., on Monday, the 16th September, 1889, at the Town Clerk's Office, Town Hall, Ipswich, endorsed "Application for post of Medical Superintendent."

WILL. BANTOFT,  
Town Clerk.

## Chester General Infirmary.

Wanted, a VISITING SURGEON for this Institution.

Unexceptional testimonials will be required of moral conduct, and the Candidates must possess a double qualification, and be duly registered.

Salary to commence at £80 per annum, with residence, maintenance and washing in the house.

The appointment to be held for not more than two years.

The successful Candidate will be required to enter on his duties in the beginning of November.

Testimonials to be addressed to "The Chairman of the Board," and sent in on or before Saturday the 21st September.

## The Borough Fever Hospital, Winter Street, Sheffield.

NURSES (DAY and NIGHT).

Wanted, several trained and experienced, NURSES, at once. Salary £25 rising to £30 per annum, with uniform. Testimonials from Matron and Doctor of last appointment required.

J. PEARSON,  
Medical Superintendent.

## Queen Charlotte's Lying-in HOSPITAL, Marylebone, N.W.

RESIDENT MEDICAL OFFICER required. He must be qualified, and have passed an Examination in Midwifery. The appointment is for four months. The salary is at the rate of £60 per annum, with board and residence in the Hospital.

Applications, with copies (not original) of not more than four testimonials, will be received by the Secretary up to the 18th inst.

By order, G. OWEN RYAN,

Sept. 4th, 1889.

Secretary.

## Basford Union Rural Sanitary AUTHORITY.

APPOINTMENT OF MEDICAL OFFICER OF  
HEALTH.

The above Authority will, at their meeting to be held on the 1st of October next, proceed to the election of a Medical Officer of Health for their district, comprising an area of 72,247 acres, and a population of 51,000.

The appointment will be subject to the approval of the Local Government Board, will in the first instance be made for one year only, and will be subject to revision in case any alteration is made in the Union Boundaries.

The salary will be £400 a year, which will include travelling and all other expenses.

The officer elected will be excluded from private practice, and will be required to devote his whole time to the discharge of the duties of his office.

Candidates must be legally qualified medical practitioners, registered under the Medical Act 1858, and must produce their diplomas, certificates, or licences to the Sanitary Authority at the time of appointment.

The duties will be those contained in the orders issued by the Local Government Board, and in such other orders as that Board or the Rural Sanitary Authority may issue or direct.

Applications, together with testimonials of recent date, must be forwarded to me on or before the 28th September instant.

Such candidates as are selected to attend on the day of election will receive notice to that effect, and railway fare will be allowed.

By order, C. J. SPENCER,

Clerk to the Rural Sanitary Authority.

Public Offices, Basford, Nottingham,  
4th September, 1889.

## Manchester Royal Infirmary.

HOME SISTER required (Certificated).

Salary £40 per annum, and uniform, with an additional £12 per annum if able to play the harmonium in chapel.

For further particulars apply to the Lady Superintendent of Nurses.

## Nurse.—Wanted for St.

Mark's Hospital, City Road, London, E.C. A TRAINED NURSE to act under the matron and head nurse. Salary £25 per annum and uniform. An abstainer.—Applications stating age and qualifications, with copies only of testimonials, to be sent to the Matron.

## To Nurses, Assistant Nurses,

and Ward Servants.—Wanted, at the North Western Fever Hospital, Haverstock Hill, N.W., NURSES, at wages of £30 per annum, rising to £36; ASSISTANT NURSES, at wages of £22 per annum, rising to £26; and WARD SERVANTS, at wages of £18 per annum, all with board, lodging, washing and uniform. Candidates, who must not exceed 35 years of age, are to apply at once, personally, to the Medical Superintendent at the Hospital, bringing copies of recent testimonials with them.

September 3rd, 1889.

## Bristol Hospital for Sick CHILDREN and WOMEN.

The Matron has a vacancy for a PROBATIONER. A small premium is required. Term of training two years.—Apply by letter stating age and previous occupation.

## Doctor recommends Nurse;

disengaged on 7th; capable; highest references, &c.—Address, A. Z., BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.



# MR. D. E. WILSON'S NURSING INSTITUTION, 96, 97, 98a, WIMPOLE STREET, Cavendish Square, London, W.

For supplying  
the Medical Profession and the Public with

## HOSPITAL-TRAINED NURSES

For Medical, Surgical, Monthly, Mental,  
Dipsomania and Fever Cases.

Having the largest and most experienced Staff  
of Nurses in London, every application can be  
supplied.

The nature of the case and sex should be described  
personally, or by letter or telegram, to Mr. Wilson,  
or the Lady Superintendent.

Female and Male Nurses especially adapted for  
accompanying Ladies, Gentlemen, or Children to  
the Seaside or abroad. Also

## HOSPITAL-TRAINED MALE ATTENDANTS.

For Medical, Surgical, Mental, Dipsomania,  
Fever Cases, &c.

Established 1867, since which 45,000 families  
have been provided by Mr. Wilson with his own  
Nurses, who reside at the Institution when dis-  
engaged, recommended by the most eminent of the  
Medical Profession, continually nursing under their  
instructions, guarantees of Efficiency and Respect-  
ability.

## Queen Charlotte's Lying-In HOSPITAL and MIDWIFEY TRAINING SCHOOL, Marylebone, N.W.

Medical Pupils admitted to the Practice of this  
Hospital. Midwives and Monthly Nurses Trained.  
The Midwives are specially prepared for the Exami-  
nation of the Obstetrical Society, and the fees are  
paid by the Hospital for those who obtain the  
Society's Diploma. Certificated Midwives and  
Monthly Nurses, also Wet Nurses supplied on  
application to the Matron. For Rules, Fees, &c.,  
apply to G. OWEN RYAN,  
Secretary.

## General Nursing Institute

FOR  
TRAINED HOSPITAL NURSES,  
5 and 4, Henrietta Street, Covent Garden, W.C.  
Established 1862. Solely under Medical Direction.  
Applications to the Secretary or Lady Superintendent.  
Telegraphic Address—"Nursing Institute, London."

## General Lying-in Hospital,

York Road, Lambeth.—Respectable WET  
NURSES and Certificated MONTHLY NURSES,  
also Certificated MIDWIVES supplied on application.  
Female Pupils are trained in Midwifery and Monthly  
Nursing. A. ATKINSON, Matron.

## A Lady (middle-aged) wishing

for occupation, would like to superintend  
the house of a Country Surgeon. Understands  
cookery. No salary; having income. Good and  
undeniable references.—Address, D. F. H. BRITISH  
MEDICAL JOURNAL Office, 429, Strand, W.C.

## TRAINED MALE NURSES.

The HAMILTON ASSOCIATION sup-  
plies Trained Male Nurses for Medical, Sur-  
gical, and Mental Cases in town or country.  
Terms, from ONE to FOUR Guineas per  
week, according to the severity of the case  
and the experience of the nurse supplied.  
Also skilled Masseurs by day or hour. Last  
Annual Report, Rules, etc., post free on ap-  
plication to the Medical Superintendent, 57,  
Park Street, Grosvenor Square, London, W.

## MASSAGE AND ELECTRICITY.

## North London Massage

INSTITUTE and AGENCY. (Under Noble  
and Distinguished Patronage.) Trained Masseuses  
and Nurses (Electricians). Also Hospital trained  
Nurses sent to all parts of the United Kingdom.  
Resident and Non-resident Patients received for  
treatment. Pupils received.—For particulars, apply  
to Lady Superintendent, at the Temporary Home,  
8, Alexandra Road, Finsbury Park, N. Telegraphic  
Address—"Masseuses, London."

## The Middlesex Hospital TRAINED NURSES INSTITUTE.

Thoroughly experienced NURSES can be im-  
mediately obtained for medical and surgical cases from  
the Sister in Charge, 17, Cleveland Street, W.  
Telegraphic address: "Skillful," London.

**Mental.**—Wanted a re-  
engagement as COMPANION by a lady of  
long and varied experience. No objection to travel.  
—M. C. care of Dr. Ker, Townsend House, Hales-  
owen, Worcestershire.

**Wanted, by 4th December,**  
or at an earlier date if disengaged, a  
NURSE MATRON for the Evesham Cottage Hospi-  
tal. 8 beds and 1 cot. Salary £30 per annum, and £2  
laundress.—Apply, with testimonials and particu-  
lars as to age, experience, etc., not later than  
24th inst., to the Hon. Sec., Cottage Hospital,  
Evesham.

**To Nurses.**—Wanted, imme-  
diately, at the Northern Fever Hospital,  
Winchmore Hill, N., DAY and NIGHT NURSES,  
at wages of £30 per annum, rising to £36 per annum,  
with board, lodging, washing and uniform. Candi-  
dates (those who have had hospital training pre-  
ferred) must not exceed 35 years of age, and are to  
apply by letter to the Medical Superintendent at the  
Hospital, enclosing copies of recent testimonials.  
September 3rd, 1889.

**Institute of Medical Electri-  
CITY, Ltd., No. 24a, Regent Street, Waterloo  
Place, London, S.W. (Branch at Southsea), under  
strict medical supervision.**

For the scientific electrical treatment and  
diagnosis of disease. Inspection of the electrified  
rooms system invited. Medico-electrical apparatus  
on hire. For particulars apply to the Manager.

## Parish of Saint George in the EAST.

### INFIRMARY MATRON WANTED.

The Guardians of the Poor of the above parish will  
meet on Friday, the 13th instant, at 3 o'clock p.m.,  
to appoint a MATRON, at the Infirmary, Raine  
Street, Old Gravel Lane, E.

Salary £60 per annum in addition to rations,  
furnished apartments, and washing.

Candidates must be unmarried or widows without  
encumbrance, and must be not more than 45 years  
of age, or less than 30. The lady appointed will be  
required to devote the whole of her time to the  
duties of the office.

Candidates must have some knowledge of Infir-  
mary or Hospital Management, and have been  
trained at a General Hospital. Personal canvassing  
the Guardians is strictly prohibited.

Forms of application can be obtained by applying  
to me, which must be returned by 1 o'clock on the  
day of election. Candidates must be in attendance  
at 3 o'clock and produce their original testimonials.

By order.  
(Signed) J. R. BROWNE, Clerk.

Guardians' Office,  
Raine Street, Old Gravel Lane, E.  
2nd Sept. 1889.

## Saint Bartholomew's Hospital

(within 5 minutes walk of).—Several Sets of  
BED and SITTING ROOMS; large, front, commu-  
nicating, nicely furnished, to Let, suitable for medical  
gentlemen, with or without board; rent from 12s.  
to £1, including attendance.—E. S., 120, St. John  
Street, E.C.

**Furnished Apartments in**  
private house; Double Dining-rooms and  
Bed-room. Open, cheerful situation, nearly opposite  
Marylebone Church, and close to Harley Street.  
Would suit medical gentleman. Previously occupied  
for a long time by physician.—6, Nottingham  
Terrace, York Gate.

## The London Association of

NURSES. Chief Office.—123, New Bond  
Street, W. Branch Office—86, Kennington Park Road.  
Telegraphic Address—Firth's Association, London—  
Supplies superior Hospital Trained Monthly, Mental,  
Medical, Surgical, Fever, and Small-pox Nurses; also  
Male Attendants and Medical Rubbers. In connec-  
tion with the Association of Nurses there are "Home  
Hospitals," where patients can be received under the  
care of their own Physicians, each patient being  
provided with a separate room.

## Hospital Trained Nurse

WANTED for small parish in a beautiful  
district—population 2,000. Salary £40 and furnished  
cottage.—Apply to Scotleigh, Chudleigh, Devon.

## Bournemouth.—Unique

Physician's RESIDENCE to be LET or SOLD  
before winter.—Particulars will be forwarded by  
REBECK BROS., Estate Agents, Bournemouth.

## Genuine rare old Oak Furni- ture for disposal (property of a lady).—Large antique oak long settee, carved men in armour, etc., £26 10s.; grandfather's antique oak, tall case, hall clock, carved old warrior, &c., brass face, £4 10s.; old oak bureau secretaire, with drawers, pigeon holes, etc., 6 guineas, all most elaborately carved, and in perfect preservation. Can be seen by appointment, or particulars sent.—Mrs. JAGGER, Morton House, near Northallerton, Yorkshire.

## GUAJACATE OF LITHIUM.

A Soluble Combination of Guaiacum with Lithium  
prescribed with great benefit in Chronic Gout and  
Rheumatism. Dose: 5 grains in pill, 2 or 3 times a day.

## BENZOATE OF LITHIUM.

Dose: 10 to 30 grains.

## CITRATE OF LITHIUM.

Dose: 10 to 20 grains.

## BLAKE'S LITHIA WATER, P.B

Guaranteed of full strength by the Original Makers  
BLAKE, SANDFORD & BLAKE,  
PICCADILLY, LONDON.

## MEDICAL TRANSFER OFFICES, 19, CRAVEN STREET, STRAND, W.C. ESTABLISHED 1868.

## Messrs. Peacock and Fraser,

MEDICAL TRANSFER and PARTNER-  
SHIP AGENTS, inform the Profession that they  
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them full particulars (and which will be received in  
strict confidence) an immediate transfer will probably  
be effected.

Gentlemen requiring Practices or Partnerships  
can, on application, select and obtain full particulars  
of those on Messrs. Peacock and Fraser's books,  
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ASSISTANTS and LOCUM TENENS, with satis-  
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No charge made to purchasers or for inquiries.  
Office hours, 10 to 5; Saturdays, 10 to 2.

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## Messrs. Peacock and Fraser

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roughly efficient Clerks, at their own Offices, or, if  
preferred, at the residence of Medical Gentlemen (in  
Town or Country), and, when desired, will likewise  
make and send out the Accounts.

NOTE.—Outstanding Accounts, in Town or Country  
also promptly collected.

Prospectus of Terms, &c., which are strictly mode-  
rate, will be sent post free, or can be obtained on ap-  
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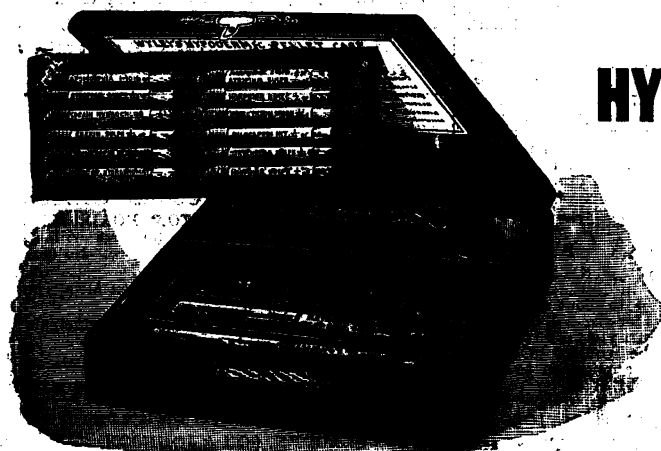
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