## British Medical Journal

The Journal of the British Medical Association

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SATURDAY, DECEMBER 29, 1894.

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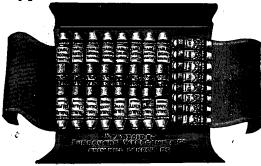


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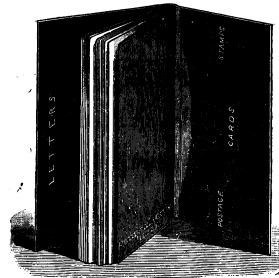
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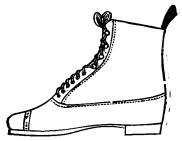
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The following is one of hundreds of Testimonials received:-

M.D.(1847), M.B.(1841), F.R.C.P., &c., &c., writes:—"I am glad that my suggestion of the real composition of "Hall's Coca Wine" is likely to be useful. I am sure that the plan of stating exactly the composition of various articles offered is the only way of gaining the confidence of the Medical Profession, indeed, as a physician, I practically NEVER order preparations of which the composition is kept secret. Please send a half dozen 3s. 6d. size, for which I enclose cheque."

SAMPLE BOTTLE POST FREE TO ANY MEDICAL MAN IN THE UNITED KINGDOM.

Price 3s. 6d. per Bottle. Medical Profession, 32s. per dozen, carriage paid.

### STEPHEN SMITH & CO., Bow, London, E.

**SCHACHT'S** 

A combination of SCHACHT'S LIQUOR BISMUTHI and PEPSINI LIQUIDA (the most powerful Fluid Pepsine known) with sedatives.

N.B.

LIQUOR

FORMULA.—Hach drachm contains in addition to the Pepsine and Bismuth, gr. 1-24 Morphiss Mur., min. ij., Acid Hydrocyan, B.P. and m n., v Tinet. Nucis Vom. Dose: 1 drachm diluted.

The remarkable efficacy of this formula has been conclusively shown in very many cases of dyspepsia, especially those attended by gastric pain after eating. It arrests vomiting, banishes or alleviates the pain, and renders excellent service as a digestive nerve-tonic when such a remedy is indicated.

In 4 or., 3 or., and 16 or. Bettles.

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Samples Free to Medical Men. H. B. C

H. B. CHIBNALL, Hammersmith.

### High-class Pharmaceutical Preparations.

### Savaresse's Capsules



What is the best way to give Sandal Wood Oil or Capaiba?—They should be pure, and act near the disease without nausea, or stomach disturbance. Savaresse's Capsules of organic membrane answer these requirements; they do not dissolve in the stomach, but generally in intestines. Mr. W. Acron, F.R.C.S., (p. 96 "Urinary Diseases") recommended them. They are increasing in favour with Medical Men who want sure results.

Sandal Wood Oil 4/6, Capaiba 2/6 boxes.

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The Perfection of Pharmacy. Made with special Menstrua, they represent weight for weight of the crude drug, of which they contain the whole of the active medicinal properties. Always reliable; keep well; tinctures, infusions can be immediately prepared from them, one minim representing one grain of the drug. Full list with doses, &c., on application.



### Savar's Coca Wine

### WHAT COCA WINE SHALL WE ORDER?

Savar's, brought out in 1875, is standardised to contain \( \frac{1}{2}\)-grain pure Cocaine in each fl. oz., and 2-fl. drachms is a dose. Many Coca Wines cannot be sold by Chemists without a wine license, because so weak in Cocaine — SAVAR'S can. Physicians know exactly what they are doing, in ordering this stimulating tonic.

Bottles 4/- & 7/-. (3/6 and 6/- for dispensing.)

## ONTSERRAT LIME-FRUIT JUICE

True Lime-Fruit Juice is a very useful acid Drink, when diluted. The best is from

the Consignee's Estate in Montserrat, W.I., of which over 100,000 gallons annually come over to the Sole Consignees. It is pure, reliable, pleasant, and a genuine anti-scorbutic. In Imperial Pints and Quarts.

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A reliable laxative is often wanted (especially for-Ladies and Children), tasteless, and that can be swallowed with ease. Nothing can be better than the B.P. fl: Exct. of Cascara Sagrada, rendered tasteless by an envelope of gelatine. Each Capsule is equal to to ½-drachm of fl. exct. In pregnancy and habitual constipation invaluable. Box 20, 1/1½; 100 4/6 per box.

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Is there any real palliative for Asthma and Chronic Cough? Cubebs smoked so as to get the effect of the resins down the Throat is always worth a trial. Here we have the effect aided by Stramonium and softened by Cannabis Indica. To be smoked through the nose for Hay Fever. Boxes 1/- and 2/6.

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AT ALL ABOVE MAY BE PROCURED THROUGH USUAL TRADE CHANNELS. TO

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AND TRADE

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### Supplied under Royal Marrant



### To Per Majesty The Oneen.

"Honest water which ne'er left man i' the mire."—Shakespeare, Timon of Athens.

The finest tribute ever accorded to sterling merit is contained in The Lancet of August 8th, 1891, pages 307-8, which embodies the "Report of The Lancet Special Commission on Natural Mineral Waters." The Lancet, after preliminary examination, deemed "Johannis" of such public value as to be worthy of special twestigation by one of their Commissioners, who visited the springs in Nassau, Germany, and after a week's residence there, conducting experiments and examining the process of bottling, issued the report alluded to.

PROMOTES APPETITE, ASSISTS DIGESTION, PROLONGS LIFE:

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KING OF NATURAL TABLE WATERS.

CHARGED ENTIRELY WITH ITS OWN NATURAL GAS. MIXES EQUALLY WELL WITH WINE, SPIRITS, OR MILK

SAMPLE CASES OF 50 PINTS, 18/6, BOTTLES INCLUDED.

To be obtained from all Chemists, Wine Merchants, and Stores, at the following prices PER DOZEN delivered:-Bott. Bott. Bott. 1 Bott. Bott. 1 Bott.

COUNTRY LONDON 6/-4/6 3/6 3/91 SUPPLIED AT ALL FIRST-CLASS HOTELS, CLUBS, AND RESTAURANTS. and of all W. & A. GILBEY'S Agents throughout the Kingdom.

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> NOT A SECRET REMEDY. (Effervescing.)

#### WHAT EMINENT PRACTITIONERS SAY OF IT:

19 May, 1889.

"I have tried Bromo-Soda (Warner's) with most satisfactory results. I can 

"Chicago, Illinois."

"To Messrs. WM. B. WARNER & Co.
"GENTLEMEN,—I have used the effervescing combination of the Bromide
# Sodium and Hydrobromate of Caffein, under the name of 'Bromo-Soda,' ever

ef Sodium and Hydrobromate of Caffein, under the name of since its first appearance.

"The inducements held out to you, urging its preparation, by the late Professor Jewell and myself, as to the greater advantages of the Sodium Salt of Bromide over the Potassium, have been more than realised in 'Bromo-Soda.' The Sodium is perhaps the least irritating of all the bromides. It is much more easily tolerated by a sensitive stomach, and has seemed in many cases to act much more quickly than any other. The addition of one grain of the Hydroremuch of Caffein to each thirty grains of the Bromide is especially beneficial in overcoming the depressing effects of the Bromides. The Caffein is also especially useful in this combination. . . I consider 'Bromo-Soda,' taken all in all, is the best preparation of its kind.

"Most truly yours.

"J. L. G.—, M.D.,

"Attending Physician to the Department of Nervous

"J. L. G., M.D.,
"J. ttending Physician to the Department of Nervous
and Mental Diseases, South Side Dispensary.

"I have used Effervescing Bromo-Sods very extensively, and can cheerfully recommend it to my professional brethren. The addition of the grain of Caffein Hydrobromate to the thirty grains of Sodium Bromide I think a most happy idea. I recommend your Bromo-Soda, because I have used Sodium Bromide for years, instead of the Potassium Bromide. Sodium Bromide is not a foreign salt in the system, is much less depressant, can be used where the heart is extremely weak, and does not impair the integrity of the muscular tissue. Does not cause bad breath, neither does it cause aone, nor impair pharyngeal sensibility. It is much more palatable, and has the happy faculty of agreeing with the stomach, where the corresponding Potassium Salt often gives us so much trouble. I find Effervescing Bromo-Soda very valuable in cases superinduced by overwork of a mental kind. In fact, at times when overworked. I have refreshed myself with a little in water.

"I use Bifervescing Bromo-Soda in dessertspoonful rather than tesspoonful

"I use Effervescing Bromo-Sods in dessertspoonful rather than teaspoonful doses, desiring to spare myself the necessity of repeating. I put this quantity in a glass not quite half full of water, order it drunk while effervescing, and find it to operate as if by magic.

"J. K. B-"J. K. B., M.D., LL.D.,
"Professor of Nervous and Mental Diseases, Missouri " St. Louis. Mo." Medical College.

"I have used Effervescing Bromo-Soda, as above indicated by my father, wis ional success.

Dr. B———, Jr." signal success

W. R. WARNER & CO. have no connection with any firm of similar name.

PER LARGE BOTTLE 3/-

F. NEWBERY & SONS (Established) Depot for Soluble Coated Pills Effervescent Salts, Ingluvin, Parvules, etc., 1 & 3, KING EDWARD STREET, LONDON, E.C. (Complete List, giving Formula, Free on Request.)

#### HIGHEST AWARD AND GOLD MEDAL, ANTWERP; SILVER MEDAL, ROME, 1894 to W. R. WARNER & CO., for PHARMACEUTICAL PREPARATIONS.

### INGLUVIN.

### Ingluvin in cases of Diar-rhoea, Cholera Infantum, and Marasmus.

From the "Cincinatti Lancet and Observer,"

From the "Cincinatti Lancet and Observer,"
August, 1877.
"The prevalence of Cholera Infantum, Cholera
Merbus, and Diarrhea, to a greater extent at
this period, induces me to call the attention of
the medical fraternity to the lately introduced
remedy called INGLUVIN. I have been using it
in my practice with very happy results for a
considerable time, having originally called
attention to the use of the simple lining membrane of the gizzard of the domestic fowl. We
find indigestion generally at the bottom of
bowel complaints, which INGLUVIN has almost
instantly corrected for me, alone or in combination. I give it in the following formulas:—
INFANT FORMULA.

INFANT FORMULA.

R Ingluvin ... ... ... gr. xii.
Sacch. Lat, ... ... ... gr. x.
Misce et ft. cht. No. x.
Sig.—One every 4 hours.

Sig.—One every a nours,

R. Aquæ Calcis ... ... ... f3ij.

Spts. Lavand. Comp. Syr. Rhei

Arom. ... ... aa f3j.

Tr. Opii ... ... ... ... tgtt. x.

Misce – Sig.—A teaspoonful every 2 to 4 hours,

FOR ADULTS.

FOR ADULTS.

or after each evacuation.

"In inflammatory affections I combine Ingluvin with subnitrate of bismuth, equal parts, and oleaginous mixture with ol. terebinth. instead of aquæ calcis. Should the evacuation be suddenly arrested, and tympanites and colic supervene, follow with a dose of oil or magnesia or injections. In many cases of sick headache and indigestion, I have the most happy result from the combining of Ingluvin with Pulv. Nux Vomica, the one-twentieth to one-teath grain. I have treated a case of marasmus successfully with the INGLUVIN.—Nee article concessfully with the INGLUVIN.—Nee article congrain. I have treated a case of marashins buccessfully with the INGLUVIN.—See article contributed in 'Medical and Surgical Reporter.'

"A. F. S., M.D."

Ingluvin is supplied both in Powder and Compressed Lentiforms.

Per Bottle, 4/-.

### COATED PILLS.

An experience of over a quarter of a century has demonstrated that sugar, as applied by our process without heat, is the most suitable and soluble substance for coating pills. In this assertion we are sustained by the highest medical authorities, who have tried them repeatedly and verified our claims. Our principal claims are solubility and compatibility under all circumstances. This is not so with gelatin coating, which is insoluble where coffee, astringent fruits, or wines containing tannin are taken. These facts entitle us to the confidence of the Medical Profession, and justify us in asking assistance in our endeavours to maintain the integrity of Warner & Co.'s Preparations. Pills and their Coating.

### VICHY.

Effervescent Vichy Lentiforms.—Replacing the Bottled Spring Waters which are cumbersome and often WATERS WHICH ARE COMBERSOME AND OFTEN OF DOUBTFUL STRENGTH MEDICINALLY.—These Lentiforms present the remedy in a portable, economical, and pleasant form, and ensure a definite strength at all times. To prepare a draught as of the natural water, dissolve one Lentiform in a glass of pure water and drink while effervescing. For a warm draught use

keep the bottle corked to preserve effervescing qualities.

Per Bottle, 1/- post free.

### PARVULES.

A class of medicines (minute pills), designed for the administration oi small doses for frequent repetition in cases of children and adults. It is claimed by some practitioners that small doses given at short intervals exert a more salutary effect. The elegance and efficiency of Parvules leave nothing to be desired. The dose of any of the Parvules will vary from one to four, according to age or the frequency of their administration. For instance, one Parvule every hour, or two every two hours, or three every three bours, and so on for adults. For children, one three times a day is the minimum dose. We mention Parvules as a class of remedies very highly esteemed by Physicians for their unvarying activity, solubility, and accuracy. (Parvules are not pink Granules.) See Parvules of Aloin, 1.10 gr.; Parvules of Calomel, 1.20 gr.; Parvules of Podophyllin, 1.40 gr.

Per 100, 1/-

### BROMO-SODA.

### Bromo-Soda. (Registered.) Per Bottle, 3/-

I have used Effervescing Bromo-Soda ve I have used Effervescing Bromo-Soda very extensively, and can cheerfully recommend it to my professional brethren. The addition of the grain of Caffein Hydrobromate to the thirty grains of Sodium Bromide I think a most happy idea. I recommend your Bromo-Soda because I have used Sodium Bromide for years instead of the Potassium Bromide. Sodium Bromide is not a foreign salt in the avatem, is much less in the source of the profession of the Potassium Bromide. I have used sodium Bromide. Sodium Bromide is not a foreign salt in the system, is much less depressant, can be used where the heart is externely weak, and does not impair the integrity of the muscular tissue; does not cause bad breath, neither does it cause acne, nor impair pharyngeal sensibility. It is much more palatable, and has the happy faculty of agreeing with the stomach, where the corresponding Potassium Salt often gives us so much trouble. I find effervescing Bromo-Soda very valuable in cases superinduced by over-work of a mental kind; in fact, at times when over-worked, I have refreshed myself with a little in water. I use Effervescing Bromo-Soda in dessert-spoonful rather thau teaspoonful doses, desiring to spare myself the necessity of repeating. I put this quantisy in a glass not quite half full of water, order it drunk while effervescing, and find it to operate as if by magic.—J. K. B., M.D., LL.D.

### BROMO-LITHIA.

Granular Effervescent
Bromo Lithia.—Each Dessertspoonful
contains—R Salicylate Lithia, 10 grs., and R
Bromide Soda, 10 grs.—Bromo Lithia is an extremely potent and palatable effervescent combination of the above ingredients. Physicians
will appreciate its value in the treatment of
those affections for which Lithia is prescribed.
Bromo Lithia is originated by W. R. Warner &
Co. It consists of Salicylate Lithium, 10 grs.,
and Bromide Sodium, 10 grs., in each dessertspoonful.

and Bromide Sodium, 10 grs., in each description of ul.

It will be found to possess advantages over Salicylic Acid, combining as it does, the efficacy of Lithium with Salicylic Acid as well as the sedative properties of Bromide of Soda.

Bromo Lithia (Warner & Co.), being an effer rescent salt, furnishes an elegant and convenient form for applying Dr. Garrod's method, and we have pleasure in offering it to the profession.

Par Rattle 3/8 nost free.

Per Bottle 3/6 post free.

### LITHIA.

### Effervescent Lithia Lenti-

forms.—DIURETICAND ANTACID. ELEGANT AND PORTABLE.—Each Lentiform contains three grains Citrate of Lithia and affords a convenient method for administering a definite quantity of soluble Lithia in a pleasant form, besides the advantages of having fresh water with each dose; presenting a therapeutic value of a higher standard than the various spring waters which oftentimes contain but an indefinite quantity of the needed salt.

of the needed salt.

The dose is usually one Lentiform in a glass of pure water three times daily, unless otherwise directed by the physician in charge.

Per Bottle 1/3 post free.

N.B.— It is pre-eminently the right of Physicians to designate a choice. The leading Druggists throughout the country keep Warner & Co.'s Preparations, which may also be found in many Continental Pharmacies.

COMPLETE PRICE LIST &c., FREE ON REQUEST, TO MEMBERS OF THE MEDICAL PROFESSION.

Sole Depot for Great Britain—F. NEWBERY & SONS, 1 & 3, King Edward Street, LONDON, E.C. (Established A.D. 1746.) 125 Years in St. Paul's Churchyard.

#### A NON-TOXIC ANTISEPTIC

### $oldsymbol{FOR}$ BOTH INTERNAL AND EXTERNAL USE.

### LISTERINE

Non-Toxic, Non-Irritant, Non-Escharotic—Absolutely Safe, Agreeable and Convenient.

FORMULA.—LISTERINE is the essential antiseptic constituent of Thyme, Hucalyptus,
Baptisia, Gaultheria and Montha Arvensis, in combination. Hach fluid drachm also
contains two grains of refined and purified Benzo-boracic Acid.

DOSH.—Internally: One teaspoonful three or more times a day (as indicated), either full
strength, or diluted, as necessary for varied conditions.

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

#### PREVENTIVE MEDICINE-INDIVIDUAL PROPHYLAXIS.

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

Diseases of the Uric Acid Diathesis.

### LAMBERT'S LITHIATED HYDRANGEA.

RENAL ALTERATIVE-ANTI-LITHIC.

FORMULA.—Hach fluid drachm of "LITHIATED HYDRANGEA" represents thirty grains of FRESH HYDRANGEA and three grains of CHEMICALLY FURE Benso-Salicylate of Lithia.

Frepared by our improved process of camosis, it is invariably of Definite and Uniform therapeutic strength, and hence can be depended upon a clinical practice.

DOSE.—One or two teaspoonfuls four times a day (preferably between meals.

The ascertained value of HYDRANGEA in Calculous Complaints and Abnormal Conditions of the Kidneys, through the carlier reports of Drs. Atlee, Horsley, Monkur, Butler and others, and the well-known utility of Lithia in the diseases of the uric acid diathesis at once justified the therapeutic claims of LAMBERT'S LITHIATED HYDRANGEA when first announced to the medical profession, whilst subsequent use and close clinical observation has caused it to be regarded by physicians generally a very valuable Kidney Alterative ann Anti-lithic agent in the treatment of

URINARY CALCULUS, GOUT, RHEUMATISM, CYSTITIS, DIABETES, HÆMATURIA, BRIGHT'S DISEASE ALBUMINURIA, AND VESICAL IRRITATIONS GENERALLY.

REALIZING that in many of the diseases in which LAMBERT'S LITHIATED HYDRANGEA has been found to possess great therapeutic value, it is of the highest importance that suitable diet be employed. We have had prepared for the convenience of physicians

#### DIETETIC NOTES,

suggesting the articles of food to be allowed or prohibited in several of these diseases. A book of these Dietetic Notes, each note perforated and convenient for the physician to detach and distribute to patients, supplied upon request, together with literature fully descriptive of Listerine and Lambert's Lithiated Hydrangea.

S. MAW. SON & THOMPSON, 7 to 12, Aldersgate Street, London, E.C.,
British Agents for the Preducts of LAMBERT PHARMACAL CO., St. Louis U.S.A.







GOLD MEDAL, International Health Exhibition, London, 1884. | FIRST ORDER of MERIT | MEDAL (Highest Award), Adelaide, 1887. HIGHEST AWARD, Medical and Sanitary Exhibition, London, 1882. FIRST ORDER of MERIT and MEDAL, Melbourne, 1888.

#### **BENGER'S** PREPARATIONS.

## Natural Digestive Ferments

#### SPECIAL FOODS FOR INFANTS AND INVALIDS.

LIQUOR PANCREATICUS (BENGER, Registered).

For the preparation of peptonised or partially digested foods, such as milk, soups, beef-tea. &c. In 4 oz., 8 oz. and 16 oz. Bottles, with simple directions for use.

THE LANCET says:

"So many worthless articles of this kind have been sold that great care is required in choosing those which reliance can be placed. Mr. Benger's care has therefore been well spent."

2. BENGER'S PEPTONISING POWDERS.

These Powders may be used instead of Liquor Pancreaticus (Bengre) to peptonise Milk, &c.

They are colourless, and instantly soluble. One powder will rapidly peptonise a pint of milk, gruel, soup, &c.

In Boxes of 12 Powders, Retail, 2s. 6d. gruel, soup, &c.

3. LIQUOR PEPTICUS (BENGER).—A Concentrated and exceedingly active Fluid Pepsine.

It is prescribed in doses of one or two tea-spoonfuls in a wine-glass of water, wine, or weak spirit and water, with meals. It is without disagreeable taste.

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

4. BENGER'S PEPTONISED BEEF JELLY.—A Delicately Flavoured, Concentrated, Partially Digested, and Solidfied Beef-tea. In Glass Jars, Retail Price 2s. each.

It can be taken by tea-spoonfuls, cold as a jelly, or dissolved in a little hot water, as a concentrated beef-tea. It is also used to fortify or enrich ordinary beef-tea soups, &c. It affords to invalids, when travelling, a ready and convenient form of concentrated nutriment.

### 5.—BENGER'S PEPTONISED CHICKEN JELLY.—A Nutritive

Delicacy for Invalids.
In Glass Jars, 2s. each.
It is prepared in a similar manner to the Peptonised Beef Jelly above described, and, like it, contains the nutritive constituents in a concentrated, partially digested, and solidified form.

BENGER'S FOOD (Pancreatised). Registered.—For Infants, Children. and Invalids.

In Tins, 1s. 6d., 2s. 6d., 5s. and 10s., with Directions for Use.

A great improvement on the various forms of Liebig's Food. When mixed with warm milk the pancreatic ferments render the farinaceous matter soluble, and reduce the casein to the same digestible condition in which it exists in human milk so that hard masses of curd cannot be formed in the stomach. Experience has shown that children and adults with weak digestions can enjoy and retain this food when all others disagree.

7. BENGER'S NEW ESSENCE OF RENNET (Curdling Fluid). For preparing fresh Whey, Junkets, &c.

Bottles, 1s. and 1s. 9d. Directions for use enclosed.

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OPINIONS OF THE MEDICAL PRESS.

The LANCET.

"We have on a previous occasion noticed some of Mr. BENGER'S admirable preparations. Those now before us are not less satisfactory."

The BRITISH MEDICAL JOURNAL.

"Time and use have justified the claims put forward for these preparations,"

The PRACTITIONER.

"All these preparations are we think, deserving of the highest praise, and only require to be made known to the profession to ensure their extensive employment."

The LONDON MEDICAL RECORD.

"These are, undoubtedly, a great advance on any previous attempt in this direction.\*\*\* The introduction of these preparations is a distinct advance in Therapeutics."

The MEDICAL TIMES AND GAZETTE.

"Benger's preparations have deservedly a very high reputation, and are all largely used."

BENGER'S PREPARATIONS may be obtained through all Wholesale and Retail Houses, or direct from the Manufacturers,

OO., BENGER LIMITED **18**. OTTER WORKS, MANCHESTER.

## PEPTONIZE

### (PATENT CONCENTRATED).

The remarkable value of Peptonized (predigested) Milk has now been completely established. Without calling for any digestive effort, it can, in the absence of all other food, supply the system for an indefinite period with the nutriment which it requires. The great drawback to the more extended use of Peptonized Milk has been the trouble, care, and even skill required to be daily expended to prepare a fairly palatable and uniformly peptonized product. These disadvantages are entirely obviated by the use of this Concentrated Preparation, as by mere dilution with water, a deliciously-sweetened Peptonized Milk, of uniform composition, can be instantly prepared by the most inexperienced person.

In Tins, 2s. 6d. In Half Tins (Samples), 1s. 6d.

### PEPTONIZED COCOA

### AND MILK

### (PATENT CONCENTRATED).

In this preparation the Cocoa as well as the Milk is peptonized and rendered soluble, and is therefore more readily assimilable than any other preparation of Cocoa extant, and can be digested by even the most confirmed dyspeptic. Besides its extreme digestibility, its perfect palatableness renders it a most delicious as well as wholesome beverage, which can be taken alike by the invalid and by those who, although otherwise healthy and robust, frequently experience a difficulty in digesting any form of Cocoa. For general convenience in use it is unrivalled, as no addition of milk or sugar is needed, but only mixture with hot water.

In Tins, 2s. 6d., to make fifteen breakfast cups of Cocoa, or ten or more breakfast cups of rich Chocolate, Also in Half lins (Samples) 1s. 6d. each.

N.B.—The milk used in these preparations is secured from farms under our control, and where the sanitary arrangements have been made perfect, and in addition to this, sterilisation, after the most approved modern methods, is provided for, thus ensuring complete immunity from communication of the infectious diseases which are unhappily so often spread by means of milk.

#### Opinions of the Medical Press.

The LANCET, June 15th, 1889:—

"Peptonized Milk (Patent Concentrated) is an excellent article. In consistence it is like a thick cream, agreeable in flavour, and yet so well peptonized that it gives no coagulation with dilute hydrochloric acid, even after heating. It will be of great value. The Peptonized Cocoa and Milk (Patent Concentrated) is clearly founded on the above. In appearance it resembles chocolate cream, and additional and the concentrated of the state of the s is delicate in flavour, and yet peptonized. It is almost needless to say of Messrs. Savory & Moore's novelties that they are well prepared."

The PRACTITIONER, July, 1889:—

"We have carefully examined and tested Savory and Moore's Peptonized Cocoa and Milk and Peptonized Milk, and have used them ourselves and for patients of fastidious appetite. We find them well peptonized, capable of keeping even when the tins are opened for a considerable time, and very palatable. The Cocoa and Milk forms a thin and inviting beverage of a pleasant nutty flavour, and is retained well even in cases of chronic neurotic vomiting. The Peptonized Milk mixes well with tea or coffee, and improves the taste of both. These properties render Messrs. Savory & Moore's latest preparations a valuable addition to the sickroom distant, and we can recommend them to the profession." dietary, and we can recommend them to the profession.'

The MEDICAL PRESS AND CIRCULAR, Sept. 4th, 1889:-

"The Peptonized Cocoa and Milk and Peptonized Milk introduced to our notice by Messrs. Savory & Moore, like everything emanating from their laboratory, are most carefully prepared and of the highest quality. There is, moreover, a delicacy in flavour and aroma with the Peptonized Cocoa which shows at once that the products of selected growths only obtain a place here. It is, therefore, one we can unhesitatingly recommend."

N.B.—These Preparations keep well after the Tins are opened.

### SAVORY & MOORE,

Chemists to the Queen, H.R.H. the Prince of Wales, H.H. the Khedive of Egypt, &c. 143, NEW BOND STREET, LONDON.

### SAVORY & MOORE'S BEST FOOD for INFANTS.

The attention of the Medical Profession is specially requested to the following characteristics of this old-established SELF-DIGESTING Food, which has so thoroughly maintained its reputation for superiority during an experience of thirty years:

moids to carbohydrates.

Ratio of Albumi- The ratio of the albuminoids to the carbo-hydrates is the same as in human milk -viz., 1 to 6.4; the ratio in cow's milk being only 1 to 3.8.

Albuminoids made casy of digestion not predigested.

The albuminoids are not predigested as in pancreatised foods, but are rendered easy of digestion, leaving (as in human milk) just sufficient work to strengthen and develop the immature digestive powers, instead of weakening and abrogating them by keeping them inactive. Sir William Roberts's experiments in feeding kittens show that distinct failure of nutrition occurs when the milk is predigested (peptonised), and the same thing has been observed in feeding infants, probably owing, as THE LANCET points out, to atrophy of unemployed glands.

**Ecalthy** nature of evacuations.

As a consequence of the foregoing the proper peristaltic action of the bowels is maintained, and the healthy nature of the evacuations of infants fed on this food is a satisfactory feature much and favourably commented on by Mothers and Nurses.

The curdling of cow's milk prevented.

When mixed with cow's milk it prevents the troublesome curdling in the stomach which takes place when cow's milk is given alone, and assimilates its composition to that of human milk.

Complete conversion of the starch.

The active Malt Diastase present provides for the rapid and complete conversion of the starch at the time of mixing into the soluble assimilable products of maltose and dextrine. The point of the gelatinisation (thickening) of the Food viz., 140° F.—is just that at which Malt Diastase is most active, and the conversion of the starch is consequently the work of a very few minutes only.

Retension of the Phosphates and

The retention of the fat and of the phosphates of the wheat and malt, which are so essential to bone formation. These exists chiefly in the outer portions of the grain, the very parts which some manufacturers pride themselves upon so successfully rejecting.

Absence of Fermentable sugar.

The absence of the fermentable sugar, which in the various malt extracts and milk foods so often gives rise to Diarrhea and Flatulence.

Verdict or Jury as to inferiority of imitations.

It is the ONLY Infants' Malted Food which obtained a Gold Medal at the International Health Exhibition, the Jury being comprised of such authorities as Dr. ATTFIELD, F.R.S; G. W. WIGNER, F.I.C., the then President of the Society of Public Analysts. Dr. JAMES BELL, F.R.S., the Head of the Government Laboratories; and other distinguished Medical and English and Foreign Experts. This affords significant indication of the value to be attached to the numerous imitations, which, whilst pirating the descriptive notices of the Food, utterly fail to approach its standard of excellence.

### SAVORY & MOORE,

143, NEW BOND STREET, LONDON,

### Maria Carlo de Carlo



### A progressive

MORE deaths, probably, result from the improper feeding of Infants than from any other cause. Should the mother's milk be deficient in quantity, the child is generally given cow's milk, often insufficiently diluted, condensed milk, or some wholly unsuitable "infant's food." In dilute cow's milk, the best of these substitutes, the constituents, as is well known, are not present in the same proportions as in human milk, which must obviously be the standard food. Thus in cow's milk there is more casein, but less fat, sugar, and certain nitrogenous materials. It is by a careful attention to these points and after prolonged experiments, under the guidance of eminent specialists and authorities on infant dietary, that we have recently been able to make foods which are adapted to the physiological requirements for the feeding of infants from birth to three, six, or eight months

of age; after this period our wellknown "Malted Food," made as directed, is all-sufficient for the healthy development of growing children.

The highly satisfactory analytical reports which appeared in The Lancet of March 24th last; the long detailed report of the use of these Foods in the Shadwell Hospital on delicate infants under the care of Dr. Ware, which appeared in the British Medical Journal of September 29th last; also the report of a specially careful investigation carried out at the instance of The Medical Press and Circular which appeared in the columns of that journal on May 16th of this year, and the frequent letters from members of the profession, narrating the benefit that Infants under their care are deriving from the use of Foods, should, we these think. prove a sufficient inducement to the profession generally to accord them a careful trial as occasion offers.

### Dietary for Infants.



This is the first attempt that has been made to provide a succession of Foods each physiologically adapted to the progressive development of an Infant's power of assimilation.

### "First Food for Infants" (No. 1)

is intended to be given from birth to three months of age. It is prepared from fresh cow's milk, from which, after the proximate composition has been ascertained, the excess of casein is removed and the deficiencies of fat, sugar, etc., are supplied. It is then sterilised and concentrated in vacuo. The addition of hot water only is necessary when preparing for use.

In Tins, at 1/9 and 3/6, or 18/- and 36/- per dozen to the Profession.

"An excellent substitute for human milk, containing as it does all its constituents in their natural proportions. In our hands it has proved of the greatest service."—Braithwaite's Retrospect of Medicine.

The British Medical Journal writes:—"A trial of this food has been made for us, and the results have been remarkably satisfactory.......In marasmic children the general nutrition has been observed to improve and vomiting and diarrhea to decrease. In certain instances children who were unable to digest cow's milk assimilated this food readily."



### "Mother's Milk Food" (No. 2)



is intended for infants of from three to seven or eight months of age. To supply the requisite stimulus to the digestive functions, now beginning to be active, there is added to No. 1 Food maltose, with a small proportion of destrine, together with soluble phosphates derived from whole meal. No unconverted starch, however, is left in the food.

In Tins, at 1/9 and 3/6, or 18/- and 36/- per dozen to the Profession.

N.B.—With regard to both these Foods it should be borne in mind that-

- (1) They are complete Foods, containing the milk required, and only needing the addition of hot water. This is specially to be remembered in connexion with their cost.
- (2) They are absolutely sterilised.
- (3) They are in the form of a powder and uniform in composition.

THE LANCET writes:—"The composition of these foods, judging from our analysis, is evidently based upon the conclusions arrived at after a close study of the physiological requirements of infant life in its various stages. Both preparations were found to evince a digestive action upon starch, but insoluble starch itself was entirely absent. We regard the introduction of both foods as a progressive step in infant dietaries of considerable importance and value."

"Malted Food" (No. 3)

For children of six months old and upwards. This has been manufactured by us for many years, and abundant testimony proves its great value in the rearing of young children. The basis of the Food is fine wheaten flour, which is specially rich in nitrogenous material. This, after being carefully heated, is subjected to the action of such an amount of *Malt Extract* as will ensure the conversion of a large proportion of the starch present in the wheat. It is then carefully dried at a gentle heat.

One of the many advantages of this Food is that, since a certain amount of the starch is left unconverted, the functional activity of the digestive organs is thus developed, they cannot therefore lose their powers for want of exercise, as is the case with children fed with many so-called infant's foods, often useful for a time, but injurious as a permanent diet. It should be prepared with fresh milk (undiluted if for a child of eight months or more), and being a highly nutritive and easily assimilated Food, will be found to give the most satisfactory results, as tens of thousands are now in a position to certify.

"No better food exists."—LONDON MEDICAL RECORD.

The British Medical Journal writes:—"This is the malted food which has been manufactured by Messrs. Allen & Hanburys for many years, and has been found by wide experience to be a useful food for infants at, and for some months before, the first dentition."

Sold only in Tins at 6d., 1/-, 2/-, 5/-, and 10/- each, or 4/10, 9/6, 19/-, 46/-, and 90/per dozen to the Profession.



### Allen&Hanburys Ltd. Plough Court, London.

Laboratories & Warehouse: BETHNAL GREEN, LONDON, E. West End Branch: VERE ST., CAVENDISH SQUARE, W. Cod Liver Oil Factories: LONGVA & KJERSTAD, NORWAY. Australian Agency: 484, COLLINS ST., MELBOURNE.

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Medical Men certify to its unique value in all forms of Skin Disease, in Obstetrics, as an Antiseptic, in Dental Practice, as a Deodorant, and for many other obvious purposes.

### FELS'S GERMICIDE SOAP

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# ASCERTAINED MAILING \*\*

Value of

"'Maltine' contains from three to five times as much diastase as any other extract of malt in the market."—Prof. ATTFIELD.

### "MALTINE"

"As to diastase—converting power, 'Maltine' is superior to the best extracts of malt I have ever seen."—Prof. Stutzer, Bonn.

in

"Repeated experiments show that 'Maltine' converts from 25 to 30 times its own weight of starch into sugar."—Prof. C. МÉНU, Paris.

Diastase.

"'Maltine' exhibits in an eminent degree the starch-dissolving power of diastase; in fact, a teaspoonful is capable of converting instantaneously a surprising amount of stiff starch paste into a thin, limpid liquid."—THE LANCET.

### Albuminoids.

"Extracts of malt (i.e., malted barley) are pretty widely known, but in 'Maltine' we find the first example of a combination of the nutritious principles of these three cereals. The greater value of this combination is apparent, as wheat and oats are especially rich in muscle- and fat-producing elements. . . . Clinical experience enables us to recommend it as a nutritive agent in virtue of its albuminoid contents."—BRITISH MEDICAL JOURNAL.

"'Maltine' contains more flesh-forming substance than any other extract of malt."—Prof. Depaire, Brussels.

Phosphates.

"Contains more bone-producing substance than any other extract of malt."—Prof. Depaire, Brussels.

### Carbo-hydrates.

"Maltine" contains a large proportion of the digested carbo-hydrates, dextrine and maltose. "Maltine," by reason of its diastasic superiority, renders assimilable and utilises for the organism a larger amount of farinaceous food than is the case with other extracts of malt.

As a
<u>Menstruum</u>
for
Cod Liver Oil.

The British Medical Journal, referring to "Maltine" with Cod Liver Oil, states: "We can recommend it on the ground of its perfect admixture, the ease with which it is assimilated, the good quality of the cod liver oil, and the value in diastase of the 'Maltine.'"

"MALTINE" obtained the ONLY GOLD MEDAL for Extract of Malt at the International Health Exhibition, London.

### SAMPLES FREE TO MEDICAL MEN.

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### INSOMNIA.

"Although I am generally opposed to proprietary remedies, justice to the profession and the claims of truth necessitate the avowal on my part that BATTLE & Co.'s BROMIDIA, composed of the best German chloral, bromide of potassium, and the purest specimens of hyoscyamus and cannibis indica, is, par excellence, I am constrained to say, the best hypnotic I have ever used. The small bulk of the dose, its concentration, purity, and general efficacy and convenience will force its claims upon any practitioner who impartially gives it a trial. EVERY DAY OF MY LIFE I use it largely, and have recommended it to hundreds of my brother physicians. At St. Vincent's Asylum I made a test of it by giving each sister in charge of a ward two bottles, one containing BROMIDIA, the other an ordinary house chloral mixture.' After an impartial trial on their part, without any previous knowledge of the contents of the bottles, a universal verdict was given in favour of BROMIDIA. I was so prejudiced at first against the use of this article, that a long time elapsed before I consented to the experiment; justice the profession, however requires the truth.

"J. K. B——, A.M., M.D., LL.D.,
"Phys. St. Vincent's Insane Asylum, and Prof. Nervous Diseases
"Missouri Medical College, St. Louis, Mo., U.S.A."

### **CAUTION.**

The great reputation of BROMIDIA has frequently caused cheap and inefficient imitations to be dispensed as Bromidia. Some of these substitutes are not only worthless, but absolutely harmful.

As a precaution, it is not only necessary to specify BATTLE'S BROMIDIA, but also to see that the patient obtains the genuine preparation.

A Sample Bottle of BROMIDIA and Pamphlet will be forwarded free of charge to Medical Men on application to

ROBERTS & CO., 76, New Bond St., London.

GENERAL DEPÔT FOR GREAT BRITAIN.

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## CAN SOAP CONVEY DISEASE?

THERE is no greater contrast obvious in the annals of the art than that of a transition from the doctrine of filth as a health preservative to that of cleanliness a a sine qua non of preventive medicine.

In an inaugural address recently delivered to a professional audience, the learned professor, after alluding to the various traditions concerning the origin and spread of the Plague in Old London, pictured in graphic terms the environment which there awaited and proved suitable for the reception of the great devastation.

In modern phraseology, London was a veritable hotbed for the cultivation of pathogenic germs.

Yet it is stated on the authority of J. A., M.D., F.R.S., who derived his information from several physicians of that time, that "not only soap boilers and vendors of it, but all the washerwomen and all they whose business it was to use soap—nay, they who only wore shirts washed with soaps—presently died of the plague."

On the other hand, one has only to read any of the recent epitomes of "Listerism" or the literature of advanced sanitation to find upon every page an insistence on the rule that cleanliness is next to Godliness.

Particularly in the former field would no modern surgeon probably venture to approach an operation case without first practising a most careful ablution, and satisfying himself that the patient likewise had undergone a thorough scrubbing with soap and brush so far as the parts to be submitted to the knife were concerned.

Whether the operator be a devotee to the "antiseptic" method or practise the dogmas of an "aseptic" environment, soap is found to be his acknowledged pre-requisite.

To the curious in historical research (confining oneself to the statement quoted from Dr. A. and to the inferences which follow), it would prove interesting to inquire upon what grounds such a suspicion in the minds of medical men could have arisen, always supposing these to have been men of experience and observation.

It is inconceivable that the physicians of the fifteenth and sixteenth centuries believed that the skin, encased in a composite armour of its own adherent and of other foreign debris, or enveloped in garments saturated with inevitable effluvium, was thereby rendered immune from contagion of any sort. On the contrary, the clearest inference is that they held the view of the soap itself becoming directly responsible as a germ carrier.

Conceding this as a working hypothesis, two main questions arise in its elaboration: (1) Can morbific germs, resident in the original materials to be combined in the finished soap, survive the thermal and chemical action and reaction necessary to the process of saponification? And (2) were the methods of that day so defective as to render such survival more probable than under the more thorough and scientific treatment of this generation?

Considering the nature of the alkalies of commerce, we think no one will deny that, when "causticised" as the necessary preliminary to combination, the conveyance of pathogenic

microbes by these elements must be impossible. But the same certainly is by no means primâ facie as evident in case of the fatty matters and oils to be saponified. Modern sources of these elements cannot always claim pre-eminence for purity over and above those open to our ancestors. The "Yorkshire grease" distilled and recovered from the suds of wool-scouring, the skimmings of streams which receive the refuse from leather manufactories, or even from town sewers and village drains, have had a distinct commercial value, while the conduct of many of our common soaps under easy tests evinces the presence of nitrogenous principles still active so far as their offensive qualities are concerned.

We are not in a position to affirm or deny that modern and scientific processes of soap-making must necessarily sterilise such ingredients, but it is highly probable that the "hot" methods of combination, known to be bactericidal, may present advantages. But it must be here noted that soap-making is by no means uniform in its temperatures or its repetitions, and that the so-called "soap bases" turned out for general commercial purposes are almost uniformly "slighted," unless distinctly ordered of a certain grade and purity by the soap refiner.

The soaps of the days of the Black Death were derived almost entirely from the Continent. No scientific knowledge other than the simple fact of the attraction of acid for alkali was then in vogue, and, in our opinion, the relative proportions of the two necessary to complete saponification were wholly unstudied. As a consequence, all soaps were crude, and in all probability carried a great excess of alkali.

In the absence of expensive apparatus the process of saponification was incomplete and certainly not microbicidal, so that the soaps in use were not only powerfully irritating, but may have conveyed directly to the excoriated skin surfaces of those who were condemned to their employment the deadly and active elements of disease.

We turn with pleasure to the practical side of the question, which the laity as well as the profession should take to heart.

We think it is possible in these days to obviate every possible risk in the use of soap, and to make it really what it is claimed to be—an indispensable adjuvant to health, and an essential safeguard to all those who are about to undergo surgical operations of whatever sort.

The commoner and cheaper soaps of our own times repeat the errors and dangers of ancient days; but there are products—always accessible to those who would advisedly protect themselves or their patients—which leave no injurious or dangerous excess of alkali to deprive the skin of its natural protective integrity, and which are perfectly reliable.

We commend Vinolia Soap to the Medical Profession.

BLONDEAU ET CIE.,

Manufacturers of Vinolia Soaps.

Trade

LONDON.]

DECEMBER 22ND.

Γ1894.

As further evidence of the utility of the new product we quote the following extract from a letter from an eminent surgeon: "I beg to state that since August 30th, 1894, I used 'Emol-Keleet' to a big and sluggish ulcer on a man's arm with better results than I had previously obtained from dressings. The ulcer closed up rapidly after commencing with 'Emol-Keleet,' and it is now practically healed up. It held on a stubborn course for about four months, but, being due to blood poisoning, I was not surprised; yet I firmly believe that if I had had the 'Emol-Keleet' earlier the ulcer would not have been so sluggish in healing.

#### EMOL-KELEET

is a purified natural, emollient, absorbent dusting powder, of impalpable texture, as soft as down to the touch. It in no way resembles the ordinary and unstable compound astringent or starchy absorbent powders. Chemically Emol-Keleet may be said to be closely allied to superior qualities of Fuller's Earth, yet it is quite distinct from the usual varieties of that substance, in that it contains a considerable percentage of Steatite (known commonly as soap stone) as well as of Silica,

Alumina, traces of Calcium Salts, and an appreciable trace of Ferrous Oxide. The A NATURAL Emollient & Absorbent DUSTING POWDER TOFTAS DOMN A Meist Sansitive, Inflamed, Irritated, or Chafed Surfaces, Softens Hard and Royal Son. For Exems and Acne:

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Sold AGENTS.

delicate flesh-pink tone of Emol-Keleet — one of its much-admired characteristics—is due to the presence of Ferrous Oxide, while its soft, silky feel is largely occasioned by the presence of Steatite. Emol-Keleet, though comparatively new to the medical profession, has been known for some little time to a limited circle, and has been the subject of inves-

tigation by competent hands, both chemico-technico-logically and therapeutically, but it was not brought specially to the attention of the profession until the meeting of the British Medical Association at Newcastleon-Tyne, when an exceedingly interesting paper was read, during the session of the Dermatological section, by the President, Dr. Allan Jamieson of Edinburgh. The interest aroused by the therapeutic notes given in his paper by this distinguished authority on skin diseases brought Emol-Keleet prominently into view, and a brief recapitulation of the points of the paper referred to may be useful. It was shown that,

#### AS A DUSTING POWDER,

Emol-Keleet, a perfectly innocuous and inoffensive material, was therapeutically superior to any previously known. When placed upon the tongue—one of the simplest and yet most severe tests as to utter impalpation. bility which can be applied to a powdered substance there was an entire absence of any sensation of grittiness. It was noticed also, as a remarkable property of this powder, that when a small quantity, say a teaspoonful or so, was added to a basinful of hard water—such as

one frequently meets within limestone areas—it effected an immediate softening influence. Used in this manner with warm water, Emol-Keleet acts as a natural soap, cleansing the skin thoroughly, and at the same time leaving it soft and smooth. The learned president pointed out as evidence of the activity and effect of this compound that the workmen engaged in its purification found that their previously horny palms became so much softened by continued contact with it that they could not use their hands for rough work without in-curring severe friction. This fact led Dr. Jamieson to try the effect of Emol-Keleet upon horny accretions encountered in some states of keratosis of the palms and soles. When mixed with water to the consistence of a paste, and painted on pretty thickly—evaporation being prevented by covering the whole area with oiled silk, gutta-percha, or other impervious tissue—it was found that the epidermal masses became softened and loosened, and could actually be peeled off painlessly, eventually leaving the part so treated soft, smooth, and of a natural pinkish hue. In view of this experience, it is probable that Emol-Keleet

#### $\mathbf{0F}$ WILL HAVE A WIDE SPHERE USEFULNESS

in the treatment of many skin affections, both local and constitutional, for it possesses many qualities which will be highly appreciated by dermatologists. Used as an ordinary dusting powder, it was found to possess anti-pruritic properties and relieved very markedly the itching of the skin now and then complained of in itching of the skin now and then complained of in urticaria or during the eruptive period of measles. The absorbent qualities of Emol-Keleet, with its mild astringent tendency, stamp it as a perfectly harmless and absolutely unequalled dusting powder. In moist or weeping conditions of the epidermis, such as one encounters so often in eczematous or erythematous affections, the application of Emol-Keleet is followed by beneficial effect. From the dermatologist's point of view Emol-Keleet is a most useful addition to the list of remedial gents used remedial gents used

#### THE TREATMENT OF CUTANEOUS DISEASES.

During the recent vaccination (June, 1894) in Edinburgh it was found that Emol-Keleet, on being applied to the part inoculated, at once, by its soothing and emollient influence, allayed any irritation present.

Supplied to the Medical Profession by all first-class Pharmacists and by the Wholesale Drug Trade, in metal boxes, at 9d. each.

#### **BURROUGHS.** WELLCOME CO., Manufacturing Chemists. LONDON.

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### E KEPLER SOLUTION

### Cod Liver Oil in Extract of Malt.

The superior value of any preparation of cod liver oil depends, of course, upon its digestibility and freedom from unpleasant taste.

In the KEPLER SOLUTION the oil is molecularly incorporated with Extract of Malt, while in emulsions it is simply suspended in a state of mechanical sub-division. No form of cod liver oil can compare for digestibility with that which has been dissolved and is therefore akin to the condition of fat in the tissues. Note the report of the British Medical Journal upon the Kepler Solution: "This preparation ..... is a great advance on anything hitherto attempted in this direction...... The production of a solution of cod liver oil in malt is a great advance, and marks an epoch in the history of rational therapeutics."

#### THE BEST VEHICLE FOR COD LIVER OIL.

The vehicle used in the Solution of Cod Liver Oil is the Kepler Extract of Malt, which is made from the best English barley malt. This Extract is not blackened, contains no glucose, and does not possess a "doctored-up" taste. It is as delicious as honey.

#### NUTRITIVE WORTH OF KEPLER SOLUTION.

As the Kepler Malt Extract is a promoter of digestion, and as it is most abundant in carbohydrates and proteids and as nutritious as cream, its nutritive value is unexcelled. The KEPLER SOLUTION is-

- (1) A most powerful, fattening, strengthening food for invalids.
- (2) The choicest form of oil for children.
- (3) The purest and best of all forms of cod liver oil to prescribe for fastidious patients.
- (4) Eminently palatable and easily digested, and assists the digestion of other food material

#### OLD OBJECTIONS OVERCOME.

The Kepler Solution—

- (1) Does not repeat or excite nausea;
- (2) Is not malodorous:
- (3) Is not unsightly:
- (4) Does not derange the digestion like emulsions;
- (5) Is not voided en masse.

### SUMMING UP.

The BRITISH MEDICAL JOURNAL reports: "The Kepler Solution is an ideal form for the administration of fat."

Kepler Solution supplied to the Medical Profession by all Chemists and by the Wholesale Drug Trade, in  $\frac{3}{4}$ -lb. and  $\frac{1}{3}$ -lb. bottless at 1s. 8d. and 3s. each.

#### SPECIMENS SENT TO MEDICAL MEN FREE ON REQUEST.

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### "Lanoline

### FOR THE SKIN AND HAIR.

"Lanoline." A perfected preparation of the pure cholesterine fat of lamb's wool. It is well known to the medical profession that this fat is similar to the fat of the human skin and hair; "Lanoline" is therefore the natural nutrient for invigorating and restoring their normal health and beauty. Unlike ordinary fats which rapidly decompose and turn rancid, 'Lanoline' never becomes even tainted with rancidity; consequently ointments and all other preparations having "Lanoline" for their basis do not irritate the skin or act detrimentally upon it, as is the case with ointments made with ordinary fats. Ointments of all kinds are more quickly absorbed when prepared with "Lanoline." All the following products contain 'Lanoline.'

Physicians can confidently advise their patients to use the 'Lanoline' Toilet preparations. "Lanoline" supplied at 2/8 per 1b.

Toilet "Lanoline." A delicately perfumed Cream, natural to the human skin; is quickly absorbed. Softens and nourishes the skin, rendering it clear, elastic, and healthy, and prevents wrinkles, roughness, and redness. Especially useful for sunburn, chapped lips and hands, and for irritation, abrasions, and eruptions of the skin.

Toilet "Lanoline" is a delightful application after shaving. Toilet "Lanoline" supplied in collapsable tubes at 4/8 and 9/- per dozen. Retail, 6d. and 1/-

"Lanoline" Toilet Soap thoroughly cleanses, softens, and nourishes the skin. The free 'Lanoline' in 'Lanoline' Toilet Soap replaces any fat which may be removed.

Ordinary toilet soaps contain an excess of alkali which extracts a certain amount of natural fat, causing the skin to become dry, harsh, and liable to crack. Supplied at 4/8 & 9/- per doz. tablets. Retail 6d. & 1/-

"Lanoline" Pomade is a natural nutrient for the hair: it cleanses the scalp from dandruff, prevents premature baldness; renders the hair soft, and glossy, and stimulates its growth.

Supplied in 2-oz. pots at 14/- per dozen. Retail 1/8 each.

"Lanoline" Cold Cream. A pure emollient and soothing agent for the skin; prevents and remedies roughness, chapping, red and tender skin; a valuable safeguard against wrinkles.

Supplied in 2 oz. pots at 14/- per dozen. Retail 1/8 each.

### PERFECTED METHODS AND MEA

#### LAWTON'S ABSORBENT COTTON.

Lawton's Absorbent Cotton Wool differs from the ordinary forms of cotton in that it possesses a beautiful downy floccu-



lence. Its adaptability for surgical or gynæ ological work will be appreciated when we state that it will take up nearly fourteen times its weight of blood, water, or pus. Its absorp-tive power can easily be demonstrated

by dropping a small tuft of it on water. It is highly recommended for the preparation of medicated filaments, tampons, or beugies to carry such bodies as Creolin, Phenol, Iodoform, Dermatol, &c. A simple immersion into a solution and exposure to the atmosphere until dry is all that is required for this purpose. Lawton's Cotton, carrying Eucalyptia, or Pinol, or Terebene, or Phenolised compounds of these, answers remarkably well

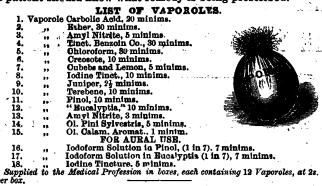
also as a filter in respirators.

Supplied to the Medical Profession in 1-oz., 2-oz., 4-oz., and 16-oz. packets, at 5d., 8d., 1s. 1d., and 3s. ea<sup>-</sup>h.

#### VAPOROLES.

These are elegant little silken sacks, enclosing very friable glass capsules, each of which contains sufficient for one inhalation of any medicament commonly employed for the purpose.

The British Medical Journal says: "Of these very useful Vaporoles each one is marked with a number. On reference to a list sent, the prescriber can ascertain to which Vaporole each number corresponds, since it is not always desirable that a patient should know what remedy is being prescribed."



#### DERMATOL DUSTING POWDER

Is a perfect preparation for Toilet and Nursery uses. The

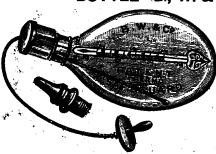


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Extract from an article in *The Practitioner*, Dec., 1893, on "The Dietetic and Therapeutic Uses of Ferratin," by Prof. O. S.—"......As regards its physiological action, FERRATIN is not capable of being replaced by other ferrated compounds .......FERRATIN is the assimilable iron compound par excellence.......FERRATIN is thus primarily a food, and may be used with advantage in those cases where otherwise healthy patients, and especially children, show signs of in-adequate assimilation or blood-formation. In particular, it is of value in patients in whom the onset of Chlorosis is suspected."

The Practitioner, Aug., 1894, contains an article, entitled "Note on the Use of Ferratin in Cases of Anæmia," by J. H., Esq., L.R.C.P.Lond., M.R.C.S.Eng., Medical Registrar, Charing Cross Hospital, giving an epitome of the notes on three selected typical cases of severe anæmia, from which it is evident that in each case the administration of FERRATIN was followed by good results without digestive trouble or constitutional disturbance. In one of the cases the patient had resided in a most healthy part of the country, and had resisted a twelve months' course of iron given in the form of the mild scale preparations or as reduced iron. The anæmia, however, responded to the use of FERRATIN, the pale waxy looking cheeks gradually becoming red as their owner was restored to health.

Dr. A. J. and A. K., Medical Clinic, Basel, in their paper: "On the Effect of FERRATIN in the Treatment of Anæmia," (see Beilage zum Correspondengblatt fuer Schweizer Aerzte, No. 11, 1894), give the results of numerous cases, and add, inter alia, the following remarks:

"FERRATIN agreed well with all the patients without exception, and but three times did we observe, during the treatment, vomiting in the case of persons, who, however, had frequently vomited previously. Even where the treatment

continued for several weeks, there occurred no symptoms of digestive trouble, that necessitated the suspension of the remedy. In particular no derangement of the stools was observable. The change in the condition of the blood produced objectively in all cases an improvement of the general state of health with a decrease of anemic symptoms. This improvement of the general condition is no doubt partly attributable to the favorable hospital surroundings. However, the success of the treatment is so constant and so great in a proportion-ately short time, that we cannot resist the impression of the improvement having set in more quickly after the exhibition of FERRATIN, than with other treatment. The result in the case of out-patients showed this improvement in a much lesser degree; but in each case there was a distinct improvement of the general health. Especially if one considers that all these cases had been unsuccessfully treated prethese cases had been unsuccessfully treated pre-viously with every kind of iron preparation, sure-ly we must recognize the favorable influence of FERRATIN... Very striking, in our observations, was the increase of appetite taking place as a conse-quence of the treatment. We even had opportunities to follow up cases in which there existed complete Anorexia and follow up cases in which there existed complete Anorexia and where by FERRATIN the appetite was recovered. . . . . On the ground of these observations one is, surely, justified in attributing to FERRATIN a decided importance as a dietetic and therapeutic remedy . . . But taking into consideration that FERRATIN is a remedy of which we know with certainty, that it is absorbed by the organism, whereas with the other iron-preparations absorption is hardly perceptible. If, furthermore, we take into account that this compound is to be considered as being of equal value with that contained in the as being of equal value with that contained in the food, and, finally, if we still add the fact, that even when large doses of the preparation were continuously administered for weeks we have never observed the slightest derangement of digestion, and that the remedy even agrees very well with little children, we cannot avoid seeing in it a valuable preparation, which in all likelihood will have a great future in the

the attraction with the a great future in the treatment of anamic conditions."

As stated in his paper: "Ferratin, ein neues Eisenpraeparat" (see Reichs Medicinal Anzeiger, No. 6, 1894), Dr. G., in-Erfurt, has tried FERRATIN on a number of anamic and chlorotic patients with very good results in each of the ten cases observed by him. Dr. G. says that FERRATIN is at the same time an iron remedy and a food, and that it will remain a valuable addition to the medical armamentarium.

From an article "On the Dietetic and Therapeutic Importance of Ferratin, by Dr. W. G., Vienna (see *Medicinische Post*, No. 7 and No. 8, 1894), it is evident that he has tried FERRATIN in a number of cases and always with good

According to Professor G. S. (see *Le Temps*, 23rd August, 1894), the administration of FERRATIN is indicated in the case of all persons in whose blood, from any cause whatever, the number of the red corpuscles have decreased.

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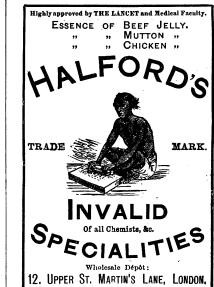
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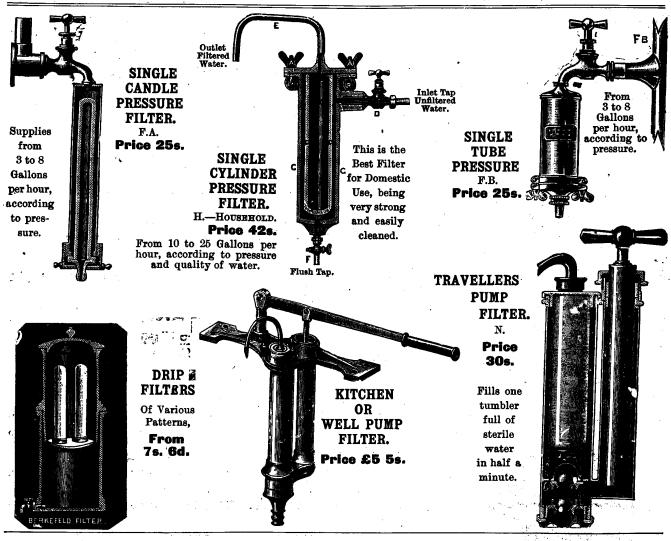
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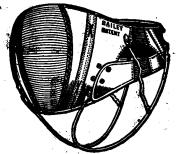
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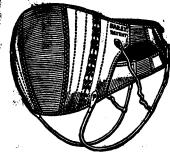
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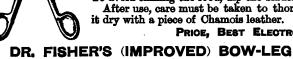
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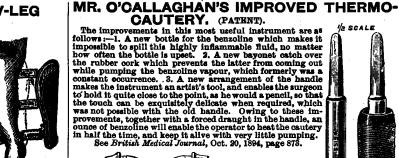
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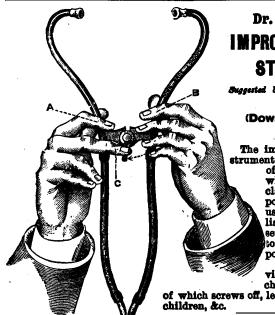
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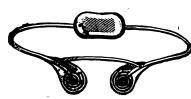
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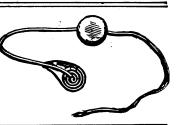
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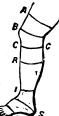
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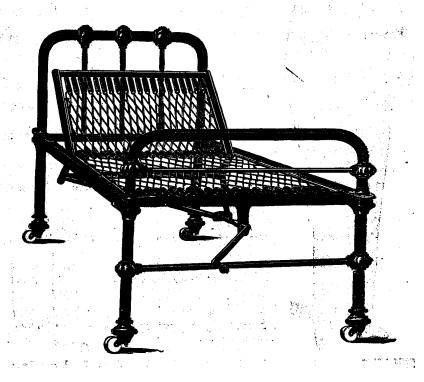
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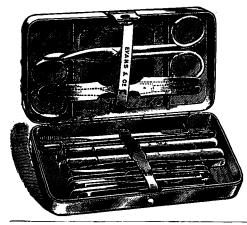
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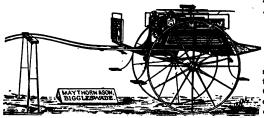
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RILEY, for 30 years closely associated with the management of Tower House, Leicester, has severed management or Tower House, Leicester, has severed his connection with that establishment, and will, early in the new year, open a HOME for the Treat-ment of Inebriety, &c.—For further particulars apply to MEIEOURNE HOUSE, LEICESTER. Medical Atten-dant, C. Bond, Esq., F.R.C.S., &c., Leicester.

"Northlands," 10 & 12, North
St., Old Wandsworth, Surrey.—HOME for
ladies suffering from Hysteria, Intemperance, Epilepsy, Paralysis, Nervousness, weak intellect, etc.
Careful supervision. Estab. 25 years. Large garden,
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commons; 5 miles from London on L.S.W.R. Medical
references. Terms from 250 a year. Mrs. RUTLEY.

### City of London Asylum, near Dartford, Kent.

PRIVATE PATIENTS are received at a uniform

PRIVATE PATIENTS are received at a uniform charge of £1 is, per week for each person, to include all things necessary except clothing.

The Institution is situated on an elevated site between Dartford and Greenhithe, and is about 16 miles from London on the S.E.R.

The Estate comprises 140 acres.
Oricket, Tennis, Billiards, Dances, and other amusements are amply provided.

For particulars apply to Dr. Henney Whith Medical Superintendent.

## Barnwood House Hospital for MENTAL DISEASES, Barnwood, near Gloucester.

Reclusively 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 James Greigh Soutar, M.B., the Medical Superintendent.



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NEWTON-LE-WILLOWS.

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Besides the use of the general sitting-rooms, se., patients of both sexes can have private apartments and special attendants at moderate rates of payment. Information as to terms, &c., may be obtained on application te the Resident Medical Superintendent, CHARLES T. STREES, L.R.O.P.LOUD., M.R.O.S.Eng.

Telegrams: "Street, Ashton-in-Makerfield." Telephone (National) "No. 3 Ashton-in-Makerfi id.

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MENTAL AND NERVOUS DISORDERS. - WEST MALLING PLACE, KENT.-Entirely re-arranged and reconstructed. Newly built Gentleman's Residence. Beautifully situated in a retired position, in one of the healthiest localities in England, an easy distance from town on the Sevenoaks and Maidstone Bailway. Old established. Fully equipped, and perfectly adapted in itself and by its surroundings for CARB AND CURB UNDER HOMBLIKE CONDITIONS. Resident Phys. Dr. JAMES ADAM, late Phys.-Supt., Crichton Royal Inst., &c. London Address, 64, Welbeck St., Cavendish Sq., W. Boarders received

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PERITEAU."—A VACANCY occurs in this comfortable well-appointed HOME for a mentally afflicted LADY. This HOME is conducted on the system of a family, and there is an utter absence of anything that could remind the invalids that they are under care. The attendants are ladies (one to each patient).—References permitted to friends of patients and people of position.—Address Medical Superintendent, "Periteau," Winchelsea, Sussex.

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For the reception of Ladies mentally afflicted.
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A. H. BOYS, Medical Proprietor

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A private Asylum for Ladies and Gentlemen mentally afflicted. Voluntary boarders are received. The grounds are very extensive, and various amusements are provided.—For terms apply to F. MURGHESON, M.A. M.B., resident proprietor.

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An Asylum for the upper and middle classes of both sexes.
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Four and a half miles from Charing Cross and easy of access from all parts. Six acres of grounds in elevated and healthy position, overlooking Finsbury Park. Billiards, tennis, croquet, theatricals, reunions, &c. Carriage exercise. Terms according to accommodation required. Private villas, in which suites or rooms are available at special rates. For particulars apply to the Besident Medical Superintendent.

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FOR THE UPPER AND MIDDLE CLASSES ONLY.

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The Institution is pleasantly situated in a healthy locality, one mile from the London and North-Western or Midland lines, and 1½ hours only from

It is surrounded by more than 100 acres of pleasure grounds.
Great care is exercised in the classification of the

Great care is exercised in the classification of the Patients according to their habits and different degrees of mental aberration, so that those who are quiet or convalescent may not associate with those whose minds are more affected.

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There is also a Seaside House, to which Patients

There is also a Seaside House, to which Patients may be sent.
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Superintendent.

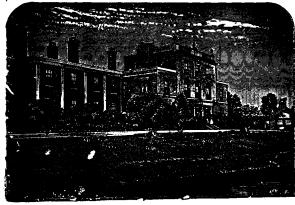
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N.B.—Under the New Act voluntary boarders can

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Tooting Bec Road, Tooting Common, S.W. A HOME FOR THE TREATMENT OF GENTLEMEN OF UNSOUND MIND.

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PHIVATH PATIENTS are admitted at a uniform charge of £1 a week. This sum includes everything except clothing.

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### rove House, All Stretton, Church Stretton, Shropshire.

A Private HOMB for the Care and Treatment of a limited number of ladies mentally afflicted. Climate

limited number of ladies mentally amicrea. Ullmass healthy and bracing rook (widow of the late Dr. McLintock), the Resident Proprietress, or te the Medical Superintendent.

Mrs. McLintock has also in her private grounds a pretty detached villa residence, containing every modern convenience and comfort, where she is present to receive a lady suffering from nervous afternand to receive a lady suffering from the lady sufferin pared to receive a lady suffering from nervous affec-tions, either with or without certificates, who will be attended by the medical consultant of the Grove

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PRIVATH ASYLUM for Ladies and Gentlemen, stuated in a large Park in a healthy and pictures que locality easily accessible by rail vid Bristol, Patchway, or Yate Stations. Under the Act of 1890 Voluntary Patients or Boarders can now be received. For further infor-mation see Medical Directory, page 1901; and for terms, etc., apply to Dr. HAGER, Resident Physician

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A HOME for a limited number of adies and Gentlemen of the upper classes afflicted with Mer-yous and Mental Diseases.

It is healthily situated on the high grounds 2 miles It is healthily situated on the high grounds 2 miles from St. Heliers, commanding extensive views over St. Aubin's Bay, and comprises a Park of 11 acres, besides gardens and farm land, and a mansion of handsome proportions in which all is arranged with a view to the comfort and privacy of home. The Grove is especially saited to those whose constitutions are delicate, or temporarily reduced through Alcohei, Drugs, Hysteria, or Nervous and Mental Diseases. The Amusements and Occupations include Tennis, Boating, Billiards, Gardening, Farming, &c. Sechathing (hot and cold). Private machines on beach ten minutes walk.

ten minutes walk.

Associated and single rooms, or self-contained suttes of 3, 5, or 4 rooms. Voluntary Boarders and friends of patients may be accommodated Horse and carriage exercise.

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This Private Asylum, which was founded by the late W. H. O. Sankey, M.D., F.R.C.P., for the respection of a limited number of ladies and gentlemen mentally afflicted, is now conducted on the same dnes by his son, H. H. O. SANKEY, M.A., M.B.

B.O.Cantab.
Dr. Burd, Newport House, Shrewsbury, M.D. and M.C.Cantab, Consulting Physician to the Salop Infirmary, and to the Salop and Montgomery Lunatic Asylum, &c., is Consulting Physician, and visits the House once a month, and oftener if

risits the House once a month, and offener it required.

The mansion stands high, among handsomely laid out gardens in the midst of a picturesque deer park (about 70 head of deer are kept), and commands a magnificent view of Welsh mountain scenery.

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The Asylum is situated about ten miles from Shrewsburg, within easy distance of Baschurch Station, G.W.R., whither carriages can be sent at any time for visitors.

Letters and telegrams should be addressed to Dr.

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A Convalescent Establishment in connection with the Hospital is now opened at St. Lawrence, near

the Hospital is now opened at St. Lawrence, near Ramsgate.

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Ehis asylum was established in 1853 for Gentlemen of the upper and middle classes; it possesses many natural advantages, standing 600ft. above see level amidst unrivalled hill scenery and with a bracing atmosphere. There are best facilities for recreation and amusement, including extensive private grounds, large farm, workshops, tennis lawns, &c. 45 hours from London. Terms moderate. Sultes of rooms for first-class cases, boarders and veluniary untients.

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Two-and-a-Half Guineas per Week.

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This endowed Hospital for the care and treatment This endowed Hospital for the care and treatment of the Insace having been much enlarged and improved from time to time, is now replete with everything tending to promote the safety, comfort, relief and cure of those mentally afflicted. A few vacancies at present exist for patients of both sexes. Terms, Thirty Shillings per week.

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32, Harley Street, London, W.

# DIPLOMA IN PUBLIC HEALTH

UNIVERSITY COLLEGE, LONDON.

The New Hygienic Laboratory is open daily for practical instruction in Hygienic Analysis, by Dr. Kanwood under the direction of Professor Corrigid.

Demonstrations of Sanitary Appliances and excursions to places of public H-aith interest are undertaken by the Professor each week.

Special arrangements are made to suit the conveniences of those engaged in practice.

A course of Bacteriological instruction for Public Health Students is given under the direction of Prof. VICTOR HOBSLEY, in the Bacteriological Laboratory.

For Prospectus stating terms apply to

For Prospectus stating terms apply to J. M. HORSBURGH, M.A.

Secretary.

### Royal Westminster OPHTHALMIC HOSPITAL, Charing Cross. ${f W}$ est ${f m}$ in ster

The following Classes will commence in January:
Mondays at 4—Mr. Work Dodd, Clinical Demonstrations on Selected Cases, Jan. 7th.
Tuesdays at 4.30—Mr. Adams Frost, Lantern Lectures on the Fundus, Jan. 8th.
Wednesdays at 4—Mr. Juler, Tutorial Class for R.C.S. and other exams, Jan. 9th.
Thursdays at 4—Mr. Hartridge, Advanced Ophthalmoscope Class, Jan. 18th.
Fridays at 4—Mr. Gunn, Instruction in the use of the Ophthalmoscope.
Saturdays at 3.30—Mr. Griffith, Refraction Class, Jan. 12th.
(Unical evening, Friday, Jan. 4th, 8 p.m.

Jan. 1702.

Clinical evening, Friday, Jan. 4th, 8 p.m.

Patients are seen, and operations are performed,
daily from 1 p.m.

Fee, not exceeding 6 months, £3 3s.; Perpetual, £5 5s.. or £1 ls. for any single course.
For further particulars apply to Mr. ADAMS
FROST £17, Queen Anne St., W., or at the Hospital.

### **Pritish Institute of Preventive** MEDICINE (with which is amalgamated the College of State Medicine).

Chairman of Council—Sir Joseph Lister, Bart., F.R.S.

BACTERIOLOGICAL DEPARTMENT.
Lecturer on Bacteriology—Allan MacFadyen, M.D.
Assistant—Richard T. Hewlett, M.D.

An Brening Class in Practical Bacteriology will be held on Monday Evenings at 7 p.m., commencing 14th Jacuary, 18v6. Fee (including use of micro-scope and reagents) £2 2s.—Application to be made

101, Great Russell Street, W.C.

# Society of Apothecaries of

The next EXAMINATION in ARTS will be held The next EKAMINATION in ARTS will be held at their Hail, Blackfriars, E.O., on Friday and Saturday, March 1st and 2nd, 1895.

This Examination will quality candidates for registration as Medical Students.

A syllabus may be had upon application.

O. E. ARMAND SEMPLE, B.A., M.B. Cantab.
Secretary.

### St. Thomas's Hospital Medical SCHOOL.

LONDON UNIVERSITY EXAMINATIONS.

Special arrangements have recently been completed for courses of instruction in the subjects of the Preliminary Scientific and Intermediate Examinations for the M.B. degree of the Loadon University. New Biological and Physical Laboratories were opened in October, and important additions have been made to the Chemical Department. The following courses of instruction are

PRELIMINARY SCIENTIFIC EXAMINATION.
Chemistry. by Wyndham R. Dunstan, M.A., F.R.S.,
Sec. C.S
Physics, by W. H. Ince, Ph.D.
Botany, by A. W. Bennett, M.A., B.Sc.Lond.
Zoology, by F. G. Parsons, F.R.C.S.

Intermediate Examination in Medicine.
Organic Chemistry, by Wyndham R. Dunstan,
M.A., F.R.S., Sec. C S.
Physiology, by C. S. Sheirington, M.A., M.D., F.R.S.
Anatomy, by W. Anderson, F.R.C,S., and G. H.
Makins, F.R.C.S.
Materia Medica and Pharmaceutical Chemistry, by
E. White, B.Sc.

SCHOLARSHIPS. PRIZES, MEDALS.
Two Entrance Scholarships in Natural Science, of
the value of £150 and £60.

An Entrance Scholarship of the value of 250, for third year's students.

third year's students.
Free Scholarships are given to distinguished pupils of Merchant Taylors' School, the City of London School, and Epsom College.
The William Tite Scholarship, £27 10s.
The Musgrove Scholarship, £38 10s.
The Peacock Scholarship, £38 10s.
ThirteenCollege Prizes of the aggregate value of £180.
The Cheselden Medal for Surgery and Surgical Antony

Anatomy.

The Mead Medal for Medicine, Pathology, and

Hygiene.
The -olly Medal and Prize for Surgical Reports.
The Bristowe Medal for Pathology. The Grainger Testimonial Prize for Anatomy and

Physiology.
The Treasurer's Gold Medal for General Proficiency. The Beaney Scholarship for Surgery and Surgical

Pathology.
The Salters' Company Research Fellowship of the annual value of £100.

Particulars of the above and of the full curriculum are given in the Prospectus, which may be obtained from the Medical Secretary, St. Thomas's Hospital, London, S.E.

G. H. MAKINS, Dean.

# Epsom College Preparatory SCHOOL.—Under the patronage of the Council—Mr. J. Jeffery, late Assistant Master specially prepares boys for Bpsom College. Pupils well grounded in elementary work Excellent pass list of old pupils.—Prospectus of J. Jeffery, Parade, Epsom.

# London Matriculation, Preceptors, Apothecaries' Arts, Responsions, Previous, Preliminary and Intermediate Solicitors, &c. Preparation for above privately, or in small classes, or by correspondence, by Mr. Goddan Williams, B.A.Lond., Barrister, Highty-five per cent. successful on first trial. List of successes sent.—13, Him Tree Road, St. John's Wood.

"Incomparably the easiest way to learn Anatomy."

## ANATOMY, PHYSIOLOGY, & OPERA-

TIVE SURGERY rapidly but practically taught for Exams, and the calls of practice. Dissections show-Exams, and the calls of practice. Dissections showing practically everything the scalpel can display. "Scientific" work for the Higher Examinations. Prospectus and Pamphlets on application to Mr. THOMAS COOKE, F. R. C.S., Surgeon, Out-Patients, Westminster Hospital, 40, Brunswick Square, W.C. Resident Students have the advantage of Private Evening Classes Free of Charge.

Fellowship of the R.C.S. Instruction specially recognised by the Royal College of Surgeons.

Mr. Cooke's Tablets of Anamod rough up to date, price 10s. 6d. Longmans & Co., Paternoster Row. "They place the student en rapport with the latest anthropotomical discoveries."—Anthropologia.

# Triple Qualification,

burgh.—Special preparation in class, privately, and by correspondence for these examinations. Also for Fellowship examinations of Royal College of Surgeons, Edinburgh, and M.D.Brussels. Resident Pupils received.—Address, Class Rooms. 7, Chambers Street, Edinburgh.

ondon Matriculation and all MEDICAL and LEGAL PRELIMINARIES. MRDICAL and LEGAL PRELIMINARIES.
Special Preparation under a Graduate of long experience. Also in Chemistry, Physics, Materia Medica, Pharmacy and Anatomy for 1st Conjoint under a Gold Medallist and Honor-man. Class for London Matriculation in June begins Monday, January 28th. — Address John T. Sarll, B.A., University Institute. 192, Ruston Road, N.W. (close to Gower Street Station.)

# Bedford Modern School.

HEAD MASTER—Rev. R. B. POOLE, D.D.
Preparation for Army, City and Guilds of London Institute, London Matrien., Commercial Certifs., Local Exams., &c., in all of which boys have been successful direct from the school. Special opportunities for science. Six Exhibitions. Tuition fees \$9, 26, 24 a year. Boarders received.

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Two Cambridge and London GRADUATES in HONOURS (M.A., M.D., D.P.H., B.Sc., and M.A., B.Sc.), prepare Candidates for D.P.H., and all other Medical Exams. Laboratory practice, class and correspondence.—Address, H. E. DAVIES, 28, Chapel Street Liverpool. Street, Liverpool.

Small School for Gentlemen's Sons.—Country house; healthy hilly district.
Small classes; individual attention. Moderate terms. Specially suitable for delicate boys. Preparation for Examinations or Public Schools if required.—G. J. Yates, M.A. Oxon. (son of medical man), The Grange, Halstead, Essex.

# Tniversity College, London.

FACULTY OF SCIENCE.

A Course of Practical Lessons in Psycho-Physiology A Course of Practical Lessons in Psycho-Physiology on the Special Senses and Central Nervous System will be given in the Physiological Laboratory during the Easter Term, on Tuesdays and Thursdays, from 2 to 4 p.m., commencing on Tuesday, January 15th. The course will be conducted by Mr. L. E. Hill, M.B., Assistant Professor of Physiology, to whom the names of those who purpose attending the course should be ent in. Fee 24 4s.

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

Secretary.

VICTORIA UNIVERSITY.

### THE YORKSHIRE COLLEGE, LEEDS.

Applications will be received up to Friday, January 11th, for the appointment of LECTURER on Diseases of the Eye and Ear. The Lectures are given in the Summer Term, and the emoluments consist of a share of the students' fees.—Further particulars may be obtained from the Registrar of the College.

### PROFESSIONAL EXAMINATIONS.

M.D., B.S. (Lond.), M.R.O.P. (Lond.), prepares for all the professional exams. Small classes are held for the final College of Surgeons and Physicians, the Hall, the M.D.'s of Brussels, Durham (15 years' standing), and St. Andrews. Tuition by correspondence.—Address, M.D., 23, Wimpole Street, Cavendish Runsre, W.

Astley Cooper Prize. — The

A stley Cooper Prize. — The next triennial Prize of three hundred pounds will be awarded to the Author of the Best Besay or Trratise on "THE DISEASES OF JOINTS CAUSED BY SYPHILIS AND GUNORRHEA." Cancidates are informed that their Besays, either legibly written or type-written, in the English anguage; or, if in a foreign language, accompanied by an English translation, must be sent to Guy's Hospiral, on or before Ja: uary lst, 1898, addressed to the Physicians and Surgeons of Guy's Hospiral. Bach Essay or Treatise must be distinguished by a motto, and accompanied by a sealed envelope, containing the name and address of the writer. For further particulars of the conditions to be complied with, apply to Dr. Hale White, 65, Harley Street, London, W.

# ${f R}$ oyal College of Physicians

The next PROFESSIONAL EXAMINATION for the MEMBERSHIP will commence on Tuesday, January 22nd.

Candidates are required to give fourteen days' notice in writing to the Registrar of the College, with whom all certificates and testimonials required by the bye-laws are to be left at the same time.

EDWARD LIVEING, M.D.,
Pall Mall East, S.W. Registrar.

### The Victoria Hospital for Sick CHILDREN, Queen's Road, Chelsea, S.W.

The Managing Committee are prepared to receive applications for the office of HOUSE PHYSICIAN to the in-patients of this Hospital, which will become vacant on the 15th of February, 1895. Every candidate for the office of House Physician must be a Fellow or Member of the Royal College of Surgeons of England, and a Licentiate of the Society of Apothecaries or of the Royal College of Physiciaus, or a Graduate of Medicine of any university recognised by the Medical Council.

He will receive an honorarium of £50 per annum, and will be provided with board and lodging in the

and will be provided with board and lodging in the Hospital. Applications, with testimonials, etc., must be sent in on or before Saturday, January 12th, 1895, to the Secretary at the Hospital.

By order,

Commander BLOUNT, R.N., Secretary.

### The Victoria Hospital for Sick CHILDREN, Queen's Road, Chelsea, S.W.

The Managing Committee are prepared to receive applications for the office of HOUSE SURGEON to the maptical of this Hospital, which will become vacant on the 1st of February, 1895. Every candidate for the office of House Surgeon must be a Fellow or Member of the Royal College of Surgeons of Rugland, and a Licertiate of the Society of Ap the caries or of the Royal College of Physicians, or a Graduate of Medicine of any university recognised by the Medical Council. He will receive an honrarium of 250 per annum, and will be provided with b ard and lodging in the Hospital.

Applications, with testimonials, etc., must be sent in on or before Saturday, January 12th, 1895, to the Secretary at the Hospital.

By order,

Commander BLOUNT, R.N.,
Secretary.

Secretary.

# Sheffield Public Hospital and

Wanted a JUNIOR ASSISTANT HOUSE SUR-GEON Must be qualified, registered, and un-married. Salary 250, with board, lodging and washing.—Applications, stating age, qualification and experience, with copies of testinonials, to Dr. SINGLATE WHITE, Hon. Sec. Medical Staff, by Monday, Dec. 31st, 1894.

Wanted, an out-door
ASSISTANCY, by M.B.Lond., M.R.C.S.
L.R.C.P. Age 27. Prefers large country town and surgical work. Has experience in club and union practice.—Address. S., 3853, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

A ssistancy (in-door) wanted for a few months by young Medical Graduate, registered. Good testimontals. Small salary required if work light.—Address No. 3842, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

Doubly qualified gentleman desires an ASSISTANCY, will be disengaged on Januar 5th. Ride and drive. Age 34.—Address, K. 3869. BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

Joeum Tenency, Management of BRANCH. or out-door ASSISTANTSHIP required. Experienced in all kinds of practice both in town and country. Good accoucheur. Qualified and registered. Highest references. Terms as Locum 23 3s. per week, or by the day.—Address, S. J., 646, Holloway Road, London, N.

Advertiser, aged 37, would take charge for, or assist elderly or invalid practitioner during the winter months.—Mr. PIL-KINGTON, Surgeon, Yarm, Yorks.

Wanted, a Share in Practice

to 21,000, by M.R C.S., L.R.C.P., aged 27.—Address No. 3746. BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

There is a Vacancy for Third PARTNER in a high-class surburban Practice. The Share offered (from \$500 to \$860) would depend on the qualifications for practice of the incomer, who should be married and with previous experience of private practice. Three years purchase on signing the agreement.—Address, D.A. BRITISH MEDICAL JOURNAL Office, 429, Strand, W.O.

2100 Premium will be paid for a nominal PARTNERSHIP, by an English surgeon, upwards of 30 years of age. unmarried. Advertiser would ask in return the usual salary of an out-door assistant, together with the income represented by his small share. Excellent references and testimonials.—Address. Chirurgeon. BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

Yorkshire. — In a large Manufacturing town.—A well-established PRACTICE of about 2500 a year for immediate disposal. House mcderately rented. Light expenses. Ample scope for increase of practice.—Address, Nr. 3833, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

 $\mathbf{c}600$  a year.—Hull. steadily increasing middle and working-class PRACTICE in a rapidly growing district is for immediate disposal. Unusual opportunities for increase, and satisfactory reasons for sale.—Apply, GEO. S. WILLIAMSON, Solicitor, Hull.

Small Nucleus for Sale in an

exceptionally good position. No reasonable offer refused to prompi purchaser. Satisfactory reason for selling.—Address, No. 3844, British Madical Journal Office, 429, Strand, W.C.

Death Vacancy.—Practice or PARTNERSHIP required by middle aged single gentleman. Sound Country Practice with appointments near town, though not essential. A preliminary Locum to invalid considered. Large experience; home—abroad; [capital at command. Bankers references. No recently established practice or dispensary entertained.—Full particulars indisper sable, L.R.C.P., Chester House, Eccleshall, S. efford Safford.

ash Dispensary in London,

populous district, excellent corner situation in main thorough fare, must be disposed of within a fortnight; no reasonable offer refused to immediate purchaser. Particulars at interview by appointment.—Apply by letter, to L. B., 65, Russell Square, W.C.

Immense Sacrifice.—A most

excellent opening in a charming residential town in South Devon (very mild chmate) is for immediate disposal. Charming house and garden. Unlimited scope; furniture at less than value, and no premium saked for nucleus Kducational and social advantages. — Address, No. 3857, BRITISH MEDICAL JOURNAL, Office, 429, Strand. W.C.

### helsea Hospital for Women. Fulham Road, London, S.W.

There being the following vacancies upon the honorary needical staff:
TWO PHYSICIANS to IN-PATIENTS,
ONE SURGEON to IN-PATIENTS.

THREE PHYSICIANS to OUT-PATIENTS, ONE SURGEON to OUT-PATIENTS.

A PATHOLOGIST and A REGISTRAR.

The Board of Management invite applications for

the above posts.

The Physicians to In-Patients, the Physicians to Out-Patients, and the Registrar shall be graduates in medicine of a recognised university, or Fellows or Members of one of the Colleges of Physicians of

or Members of one of the Colleges of Physicians of London, Edinburgh, or Dublin.

The Surgeon to In-Patients and the Surgeon to Out-Patients shall be Fellows of one of the Colleges of Surgeons of London. Edinburgh, or Dublin.

The Pathologist shall be a graduate in medicine of a recognised university, or a Fellow or Member of one of the Colleges of Physicians of London, Edinburgh, or Dublin, or a Fellow of one of the Colleges of Surgeons of London, Edinburgh, or Dublin, or Aginburgh, or Dublin.

Every candidate shall be registered under the Medical Act, and engaged in consulting practice

only.

The Board of Management, in making the nominations to the posts as above, will attack great weight to evidence of previous training in special gynæco-logical work. Canvassing for the above appoint-ments will disqualify.

ments will disquality.

Forms of application. to be returned by Friday,

January 4th, 1895, may be obtained from

A. C. DAVIS,

### TO THE MEDICAL PROFESSION.

The Parochial Board of the

Barony Parish of Glasgow are prepared to receive applications from duly qualified medical gentlemen having experience of asylum management, to act as SENIOR ASSISTANT to the Medical Superintendent of the BARONY PAROGHIAL ASYLUM, Woodilee, Lenzie, near Glasgow. The Asylum has accommodation for 850 patients. The Asylum has accommodation for 850 patients. Salary 2500 perannum, with board, spartments, &c. Applications, accompanied by testimonials, marked "Woodilee Medical Assistant" to be lodged with the subscriber on or before 12th January next.

JAS. R. MOTION,
Acting Inspector of Poor.

Barony Parish Chambers

Barony Parish Chambers. 38, Cochrane Street, Glasgow. 19th December, 1894.

### The Hospital for Sick CHILDREN, Great Ormond Street, W.C.

There will be a meeting of the Joint Committees on Wednesday, 16th January, 1895, to elect two ASSISTAN P PHYSICIANS.
Candidates, who must be Fellows or Members of the Royat College of Physicians of London, are invited to send in their applications, with not more than three testimonials, written especially for the purpose, on or before 12 o'clock on Monday, 14th January, 1895.
All candidates will be required to attend before the Joint Committees on Wednesday, 16th January, 1895, a t 5 p.m. precisely.

the Joint Committees of ... 1895, at 5 p.m. precisely. By order of the Managing Committee. ADRIAN HOPE, Secre

# German Hospital, Dalston,

At the General Court of Governors of the above Institution, which will be held at the Cannon Street Hotel, E.C.. on Friday, the 25th of January next. at two clock p m., an HONORARY PHYSICIAN to the Hospital will be elected.

The rules require the following qualifications of the applicants:—They must be natives of Germany, or prove themselves to be fully conversant with the German language, and the peniliarities of the German medical science. They must produce a diploma from a foreign or British University, be Members of the College of Physicians, and fully qualified to practise in Great Britain.

Candidates are requested to send in their applications, accompanied by their diplomas and testimonials, to the undersigned, on or before the 9th proximo.

H. GÛLICH, Superintendent,

### helsea, Belgrave & Brompton DISPENSARY, 41, Sloane Square, S.W.

A vacancy having occurred in the office of HON-ORAMY PHYSICIAN to the above Institution, the Governors will proceed to fill it by election on Thursday, January 17th, on which day the ballot will be open from 10 a.m. to 1 p.m.

Candidates are requested to send their applications and testimonials on or before Thursday, January 3rd, on which day their personal attendance is required at 7 p.m.

By order of the Committee of Management, ALFRED F. PENNY,
L.R.C.S.I., L.R.C.P.I., L.M.,
Dec. 13, 1894.

Resident Junior House
SURGEON.—Wanted, at the Chesterfield and
North Derbyshire Hospital and Dispensary, Chesterfield, a gentleman fully qualified, to fill the office of
Junior House Surgeon and Dispensar. Salary 250
per year, with board, apartments, and laundress.
The engagement may be terminated by two months'
notice on either side. The selected candidate will
be required to enter into the usual bond not to
practise in the district.

practise in the district.

Applications, with recent testimonials, must be addressed to the Secretary, at the Hospital, Chesterfield, and be delivered there on or before noon on Thursday, 10th January next.

December 28th 1804

December 26th, 1894.

# $\mathbf{Y}$ ork County Hospital.

Wanted, an ASSISTANT HOUSE SURGEON, who must have double qualification and be registered. Salary £60 per annum, with board, rooms, washing and attendance. Applications, with copies of not more than three recent testimonials, to be sent on or before January 3rd 1895, to

18th Dec.. 1894.

Secretary.

18th Dec., 1894.

Secretary.

### Hltham College. Kent (THE ROYAL NAVAL SCHOOL).

The visiting appointment of MEDICAL OFFICER is now vacant.—For particulars apply to the Rev. the Bursar, to whom applications, with testimonials, must be sent before 5th January n-xt.

### Heigham Hall Asylum, Norwich.

Wanted, an ASSISTANT MEDICAL OFFICER. Wanted, an ANSISTANT MEDIUAL OFFICER. Previous experience not necessary. Salary £100 per annum, with board, lodging, and washing. Applicants muss be under 30.—Apply immediately, with testimonials, to Dr. Compton, Medical Superntendent.

Wanted, for the Penrhyn
QUARRY HOSPITAL, Bethesda, near
Bangor, North Wales, a thoroughly efficient and
qualified SURGEON, to take charge of above, and
to attend certain pati-nts within a given distance.
Applicant must be able to speak Welsh.—Address
all applications, with testimonials, to R. A. Young,
ort Penrhyn, Bar gor, North Wales.
13th, Dec., 1894.

### ity of London Lying-in HOSPITAL, City Road, E.C.

A vacancy has occurred in the office of MATRON and MIDWIFE to the Hospital. Candidates for the appointment must hold the diploma of the Obstetrical Society of London, a certificate for general nursing, and be able to instruct pupils in midwifery and Nursing. The salary will be 260 per annum, with board and lodging, in addition to certain fees for each pupil instructed in the Hospital. (The fees for the past year amounted to 2115).

Applications, stating age (which must be ever 30), with copies of recent testimonials, must be sent to the undersigned not later than Monday, the 14th January, 1895. Further particulars of the duties can be had on application, in writing, to the Secre ary. The election will take place at the Annual Court of Governors, on Wedneday the

20th February.

R. A. OWTHWAITE. Secretary.

December, 1894.

### Restiniog Union.

Wanted, at the Workhouse at Penrhyndeudraeth, wanted, at the worknouse at Penrayneeutraeth, a Certifica ed General Trained NURSE, able to speak Welsh. Salary (without uniform) 225 per annum. together with board, lodging and washing. Applications, stating age, and previous experience, accompanied by testimonials, to be sent by the lat January next to

Clerk to the Guardians.

Portmadoc, 20th December, 1894.

# Matron of experience

required in a Private Asylum. Protestant.

Apply, stating age, whether married or single, and salary required, to Dr. GILL, Shaftesbury House, Formby, near Liverpool.

General Lying-In Hospital,
York Road, Lambeth.—Respectable WHT
NURSES and Certificated MONTHLY NURSES,
also Certificated MIDWIYES supplied on application. Female Pupils are trained in Midwifery and
Monthly Nursing.

A. ATKINSON, Matron.

# NURSES' CO-OPERATION.

8, NEW CAVENDISH STREET, PORTLAND PLACE, W.

Established to secure to Nurses the full remunera-tion for their work.

FULLY TRAINED HOSPITAL

MEDICAL SURGICAL MENTAL MATERNITY

NURSES

CHILDREN'S

Supplied any time, day or night.

Telegraphic address, "APRONS," London.

K. PHILIPPA HICKS. Lady Superintendent.

### INGS HOUSE NURSES' CO-OPERATION.

Chief Office: 81, New Bond Street, W. Supplies fully TRAINED NURSES for all cases, day or night.—Applications for Nurses, or for the terms tor paying Patients, to be made to the Lady Superintendent, above address.

Telegrams: "Overnight, London."

## NORTH LONDON NURSING INSTITUTE.

Uuder noble and stinguished patronage.

MASSAGE and ELECTRICITY. Nurses and Masseuses sent to all parts,

8: 8, ALEXANDRA ROAD, FINSBURY PARK. Telegraphic Address, "Masseuses, London."

### MR. D. E. WILSON'S

NURSING INSTITUTION For supplying

the Medical Profession and the Public with

### HOSPITAL-TRAINED

FOR MEDICAL, SURGICAL, MONTHLY, MENTAL, DIPSOMANIA AND FRYER CASES.

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.
Female and Male nurses especially trained for Mental, Nervous, and Dipsomania Cases. Also

HOSPITAL-TRAINED

# MALE ATTENDANTS

FOR MEDICAL, SURGICAL, MENTAL, DIPSOMANIA, FEVER CASES, &c.

Established 1867. Sixty Thousan families have been provided by Mr. Wilson with his own Nurses who reside at the Institution when disengaced, where they can be interviewed for engage

96,97,98a,WIMPOLE STREET, Cavendish Square, London, W.

 $\mathbf{T}^{ ext{rained}}$ Nurses promptly supplied by the INSTITUTION of TRAINED NURSES, Leicester.—Apply, Lady Superintendent.

### uy's Hospital Trained NURSES' INSTITUTION.

Fever, Medical, and Surgical NURSES supplied. Address, Lady Superintendent, 12, St. Thomas's Street, S.E. Telegrams—Guy's Institution, London. Telephone No. 4882.

# THE HANOVER INSTITUTE FOR NURSES.

22, George St., Hanover Square, LONDON, W. at Eastbourne

Supplies the public with reliable hospitaltrained nurses. Nurses from infectious cases reside at a separate home.

TELEGRAMS:-"EASINESS, LONDON."
"EASINESS, EASTBOURNE."

### The Middlesex Hospital TRAINED NURSES INSTITUTE.

Thoroughly experienced NURSES can be immediately obtained for medical and surgical cases from the Sister in Charge, 17, Cleveland Street, W. Telegraphic Address: "Skilful," London.

### GENERAL 6, MANDEVILLE PLACE Manchester Square, W. 5. MANDEVILLE PLACE.

Established 1862 at Henrietta Street, Covent Garden. Thoroughly Experienced Hospital-Trained NURSES supplied at

NURSING Resident in the Home. moment's notice, being pital-Trained MALE NURSES for all COS Terms and particulars forwarded .- Apply to the

SHORHTARY or INSTIT MATRON. Telephone 7055.

Telegraphic Address-" Nursing Institute," London,

### PERANCE) CO-OPERATION, NURSES' (TEM

S. GREAT MARYLEBONE STREET, PORTLAND PLACE, W. (Two Doors from Wimpole Street).

Superior Trained MALE NURSES for Medical, Surgical, Mental, Dipsomania, Fever and Travelling Cases supplied at a moment's nester. Day or Night. All Men supplied by this Association are TOTAL ABSTAINERS.

SKILLED MASSEURS supplied. The only Temperance Association of Male Nurses in the Kingdom

TERMS—One guinea and a half or two guineas and upwards per week. Nurses to receive their own fees.

F. ROUSE, Secretary.

Telegraphic Address: "ASSUAGED, LONDON,"

# THE GILCHRIST INSTITUTE FOR TRAINED NURSES,

Under the Superintendence of a Physician.

Only Nurses who have received a thorough training and are thoroughly competent, reliable and suitable are sent from the Institution,

39,

WALHAM

GROVE.

LONDON.

S.W.

Telegrams - "CONVALESCENT, LONDON."

# MUTUAL BENEFIT ASSOCIA

69, WIGMORE STREET, CAVENDISH SQUARE, W. "Itelographie Address: "Discidentum, London."

Trained MALE NURSES, for mental, medical, surgical, and dipsomania cases The only institution in London where Male Nurses reside on the premises. Obtainable day or night.

Also Certificated Masseurs reside on the premises.

Apply to W. E. LANGTON, Secretary.

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retiring through ill-health.

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The Association undertakes the SALE of PRACTICES and PARTMERSHIPS; the Introduction of LOCUM TENENS and ASSISTANTS; MEDICAL ACCOUNTANCY (by a duly qualified Medical Accountant); INVESTIGATION and VALUATION of Practices, &c.; POSTING BOOKS and sending out the standard of the sending sending and ASSISTANTS.

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- including hospital. Working expenses light. Frice \$1,500. View to succession.

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- (18) OPENING IN PARIS for a medical man with French Diploma. Large income likely to be realised. Small capital only necessary.
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- Premium £190.

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- eapersenced medical man, age about 35, with ample capital.

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[See also pages 26, 27 and 49.