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**Abdominal Supporting  
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THE OBJECTS OF THE ASSOCIATION ARE:—  
To provide its Members, at moderate cost, with  
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**SUCCUS ALTERANS** continues to gain favour from its remarkable Alterative and Tonic properties, *eliminating specific poison from the blood, and increasing the proportion of red corpuscles in anæmic patients* to a wonderful degree; is endorsed by the medical profession, and in use by many hospitals of note.

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It is sold in Glass Bottles of 1 and 2 ounces.

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RECOMMENDED BY THE LEADING PHYSICIANS. The Best Antiseptic for the Sick Room, the Household, the Hospital, and all Institutions, for General and Specific Use. IT HAS NO RIVAL. Used in the Royal Households and Government Establishments. Are declared to be *The True Germicide, The True Disinfectant, The True Antiseptic*, by the Highest Medical Authorities of the day.

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# NESTLÉ'S FOOD, FOR INFANTS, ALSO FOR CHILDREN AND INVALIDS.

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NEUTRAL or very slightly alkaline.

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**PERMANENT.** Does not deposit its active ingredients.

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**AWARDED SIX GOLD AND PRIZE MEDALS, 1884.**

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- COCA**—"The Remedy, par excellence, against worry."—*Corning*.  
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It prevents a too rapid waste of tissue, and it enables the consumer to go a long time without food.

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**FORMULA.**—Every Fluid Drachm contains 15 grs. EACH of pure Chloral Hydrate and Purified Brom. Pot., and 1 gr. EACH of gen. imp. ext. Cannabis Ind. and Hyoscyam.

**DOSE.**—One-half to One Fluid Drachm in WATER or SYRUP every hour until sleep is produced.

**INDICATIONS.**—Sleeplessness, Nervousness, Neuralgia, Headache, Convulsions, Colic, Mania, Epilepsy, Irritability, &c. In the restlessness and delirium of Fevers it is absolutely invaluable.

*IT DOES NOT LOCK UP THE SECRECTIONS.*

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## THE ALTERATIVE AND UTERINE TONIC.

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This compound is the monobromo-derivative of Acetanilide. It is a crystalline body, soluble in alcohol, melting at  $165^{\circ}C$ , and containing 37 per cent. of Bromine. An important sphere of usefulness is anticipated for it, on account of the combination of a large proportion of Bromine with a body possessed of the properties of Acetanilide. Its possible uses may readily suggest themselves to the profession; thus, where the use of Bromine is indicated, as in facial neuralgia, where the pains in the head are linked to nerve-alterations, and in certain cases of neuritis of nerves of the orbit. Other important applications may be found in the treatment of rheumatic, muscular, and even articular pains. As good results have been obtained in these cases with Acetanilide, we confidently expect that the new combination thus brought into notice will be found to possess the advantages which its composition appear to indicate.

**DOSE—3 to 12 GRAINS.**

We shall be happy to forward samples for experimental purposes to any practitioner who may wish to try the substance, and will esteem it a favour if results be communicated to us.

## SOLUBLE PODOPHYLLIN IN SCALES.

We would ask the especial attention of physicians to this elegant preparation, which, after a number of experiments, we have succeeded in producing.

### ADVANTAGES OF SOLUBLE PODOPHYLLIN.

It is a true chemical compound of the active resins existing in the root of Podophyllum Peltatum, freed from all inert matter, and having a definite constitution; it may therefore be thoroughly relied upon, and is not so likely to vary in its effects, as is so often the case with the resin prepared in the usual way.

It also possesses the great advantage of being soluble in water, proof spirit, or glycerine, and can therefore be dispensed in combination to suit the prescriber.

It is devoid of nauseous flavour, and does not, when administered, cause either salivation or nausea, by irritating the stomach.

It offers the most accurate, agreeable and convenient method of administering this drug, and as its absolute purity is guaranteed, we can offer it with entire confidence. **DOSE— $\frac{1}{4}$  to 3 GRAINS.**

*Samples will be sent free to any physician who may wish to try it.*

Sole Manufacturers:—BURGOYNE, BURBIDGES, CYRIAX & FARRIES, 12 & 16, Coleman Street, London, E.C.

# Woodhall Spa Water

Strongly recommended by  
the Medical Profession for the  
following Diseases:—

Rheumatism in all forms,  
Gout, Sciatica,  
Chronic Skin Diseases,  
Scrofula,  
Rickets, Glandular Swellings,  
Tumours, and some  
Diseases Peculiar to Women.

## ANALYSIS.

Four Analyses have been  
made:—

- (1) DR. FRANKLYN, F.R.S.
- (2) MR. WEST, LEEDS.
- (3) DR. ZUIRCK (1863).
- (4) PROFESSOR WANKLYN,  
M.R.C.S. (1886).

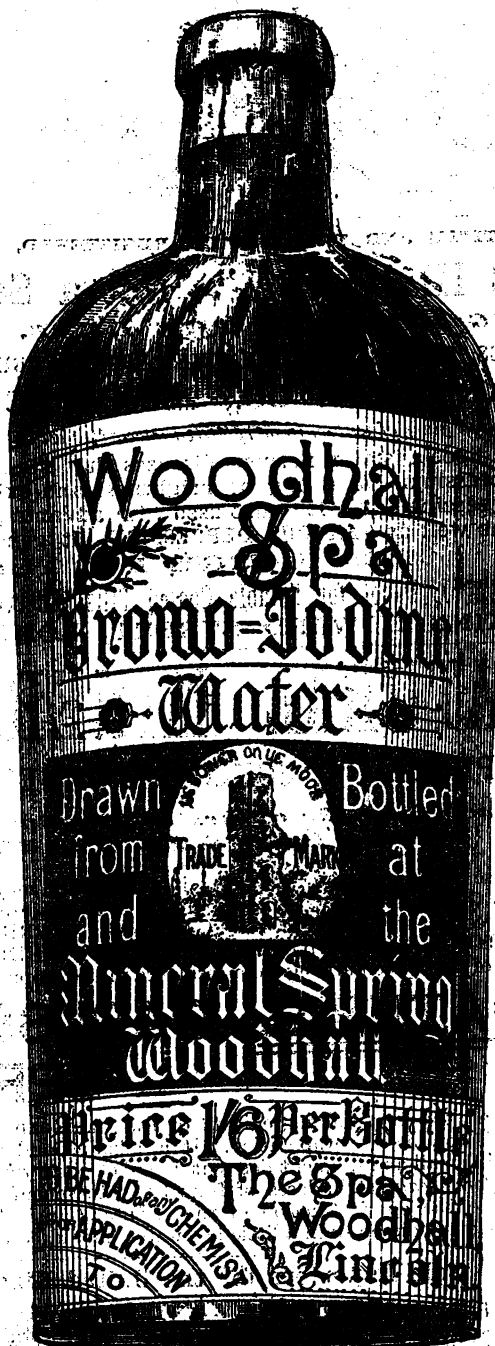
## Woodhall Spa Water.

ONE GALLON CONTAINS:—

	GRAINS.
Chloride of Sodium ...	1330·00
Chloride of Calcium ...	111·00
Chloride of Magnesium ...	91·20
Carbonate of Soda ...	10·00
Sulphate of Soda ...	30
Nitrate of Soda ...	55
Free Iodine ...	20
Iodine (as Iodates) ...	20
Iodine (as Iodides) ...	40
Bromine (as Bromides) ...	340

Peroxide of Iron, Traces.

Analysed by Professor WANKLYN,  
Nov., 1886.



## Comparative Analysis.

IN EVERY TEN GALLONS:—		
MINERAL WATER AT	IODINE GRAINS.	BROMINE GRAINS.
Leamington ...	1	4
Kreuznach ...	1½	25
Woodhall ...	7½	35

"One of the most valuable and  
remarkable Spas in Europe."—  
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"Holding in solution the largest  
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"Water exceptionally rich in  
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**NEW EFFERVESCING SALT FOR THE HEAD, BRAIN AND NERVES.**

USEFUL IN SLEEPLESSNESS, EXCESSIVE STUDY, OVER BRAIN WORK, DEPRESSION, &c., &c.

Prepared by **W. R. WARNER & CO., MANUFACTURING CHEMISTS.**

*DOSE*—A heaping teaspoonful in half a glass of water, to be repeated once after an interval of thirty minutes, if necessary.

It is claimed by some prominent Specialists in nervous diseases that the Sodium Salt is more acceptable to the stomach than the Bromide of Potassium. A feeling of brightness and exhilaration almost certainly follows upon the administration of this Effervescing Salt. It is also used with advantage in dizziness and fatigue following upon alcoholic and other excesses, as well as NERVOUS DEPRESSION. It generally speedily refreshes both the MENTAL and PHYSICAL FACULTIES.

PER LARGE BOTTLE, 3/-

**F. NEWBERRY & SONS** (Established A.D. 1746.), Depot for Soluble Coated Pills, Effervescent Salts, Ingulin, Parvules, &c., 1 AND 3, KING EDWARD STREET, LONDON, E.C.

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“SPRUDEL,” “SCHLOSSBRUNNEN,” “MUEHLBRUNNEN,”

Obtained from the celebrated Alkaline and Saline Springs at the famous health resort of **CARLSBAD (Bohemia).**

These Waters are now imported in bottles and may be used in the treatment of all cases in which the Carlsbad cure is indicated when patients are unable to visit the Spa. The Carlsbad cure is recommended in CHRONIC GASTRIC CATARRH, HYPERCEMIA OF THE LIVER, GALLSTONES, CHRONIC CONSTIPATION, DIABETES, RENAL CALCULI, GOUT, and diseases of the spleen arising from residence in the tropics or malarious districts.

### NATURAL CARLSBAD SPRUDEL-SALT

contains all the essential ingredients of the CARLSBAD “SPRUDEL” MINERAL WATER, from which it is obtained by evaporation. It is alkaline, and readily soluble, either in warm or cold water. In small and frequent doses it is an efficient diuretic; but as an aperient it should be taken, before breakfast, in doses of from 1 to 2 teaspoonfuls, dissolved in water, preferably warm. To increase the aperient action of the Natural Carlsbad Mineral Water, a teaspoonful of the Salt, previously dissolved in a little hot water, should be added.

Sole Importers for the United Kingdom and Colonies—

(AND OF ALL  
CHEMISTS.)

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CHEMISTS.)

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A Perfect blending of the CHOICEST BRANDS of the Highest Classes of Fine Old Whiskies, in their Native purity, as produced in Scotland, absolutely untampered with.

Matured in  
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(Age positively  
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BLENDED

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An exquisite Blending—So harmonious in combination—So evenly balanced—So delicately toned—A flavour so rare—So tantalisingly pleasant on the palate—Possessing character so novel and so entirely its own, that it may fairly claim the very first place among high-class stimulants. Clever judges pronounce it "unique and unrivalled."

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Twelve Years Old	50s. per Dozen
Eight	45s. "
Five	40s. "

B.O.S. is sold in square white bottles, labelled and capsuled, the age being notified by a small label on each bottle.

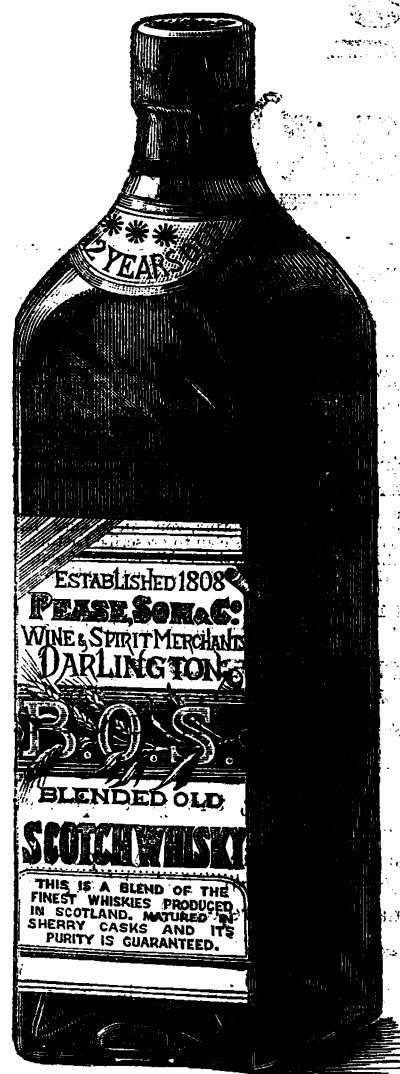
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The Proprietors are skilled blenders of Scotch Whiskies, but in all the experience of their Firm, extending nearly over the present century, they have never been able to accomplish anything so fully complying with the most exacting tests, as is now presented in this special blend of B.O.S. They are so confident of its appreciation by Connoisseurs that they will send a single Sample Bottle, Carriage Paid, anywhere in the United Kingdom, for 4s. 2d., 3s. 9d., and 3s. 6d., respectively.

## PEASE, SON & CO.,

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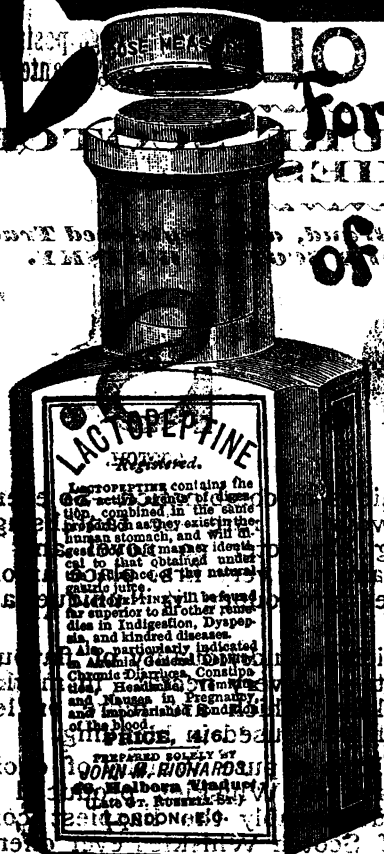
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# LACTOPEPTINE,

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

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

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

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

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

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

### PRICE OF LACTOPEPTINE POWDER.

One ounce, 4s. 6d.; Quarter-pound (4 oz.) Dispensing Bottle, 11s.; Half-pound (8 oz.) Dispensing Bottle, 27s.

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Sole Manufacturer of Lactopeptine,

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# WRIGHT'S

Prescribed for Skin Disease for the past quarter century.

Made from the purest fat, saponified and incorporated with a powerful Alcoholic Solution of Coal-Tar, the black inert matter being rejected.

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Sold by all Druggists.

A refreshing Toilet Soap.

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The Medical Profession is invited to discourage the sale of spurious COAL-TAR SOAPS.

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## ASTHMA REMEDY.

THE ORIGINAL AMERICAN REMEDY.

Samples and instructions free to any Medical man by enclosing card to London Depot—A. Senier & Co., 88, Norwood Road, London, S.E.  
Price per box 1s. 9d.; by post 1s. 11d. AMERICAN LABORATORY—Milwaukee, U.S.A.

# Joseph Mack's AUSTRIAN PINE (PINUS PUMILIO) TREATMENT, REICHENHALL, NEAR SALZBURG.



UNDER the direction of Physicians and Professors, as G. von Liebig, Max Schneider, Packmeyer, Leo Schmidt, Badach, Bulling, Hart Mund, Goldschmidt, and Friedmann, the Pine Treatment in Mack's Establishment during the Thermal season (May 15th till September 15th) consists in Inhalation rooms in cases of Affections of the Throat and Chest, in Baths in cases of Gout and Rheumatism, and in Joules and Cameras Pneumatis against Asthma. 6,100 Patients last year were received.

The Essence and Extract for these Products are distilled by JOSEPH MACK from the species of conifer "Pinus Pumilio" found in the highest regions of the Austro-Bavarian Alps (Schneitzfeld and Untersberg), and which grow at a lower altitude than from 5,000 to 6,000 feet above the level of the sea. The Pine trees are carried from these high altitudes direct to the distilleries by specially constructed set of wires, and Essence and Extract distilled from these trees are the only pure, efficient and unrivalled Pumilio Pine Preparation, and acknowledged as such, and to give these Products a popular name, we have adapted the designation, "AUSTRIAN PINE," and as such they have acquired a world-wide reputation.

In Germany and Austria, ask for: "MACK'S LATSCHENKIEFERN PRODUCTE."

In all other parts of the Continent—as France, Italy, Belgium, Holland, Russia, Turkey, Greece, &c., ask for:

"PIN D'AUTRICHE DE MACK."

In the United Kingdom and Colonies, ask for: "MACK'S AUSTRIAN PINE," which Mr. JOSEPH MACK has specialised as follows:



**MACK'S ESSENCE.** For Inhalation and Fumigation in Cases of Affection of Voice and Respiration, and as a Friction for Pains of Gout. Large bottle, 3s. 6d.

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**MACK'S PECTORAL SYRUPS and PASTE.** For Coughs, Affections of the Larynx, and for Children with Whooping Cough. Syrup, per bottle, 2s. 6d.; Paste, 1s. 6d.

**MACK'S CHEST PROTECTOR** of Austrian Pine Flannel, 3s. and 5s.; large, for Chest and Back, 8s.

**SPECIAL VIENNA ESSENCE 15.** **SPECIAL VAPORISER in Solution.** For Inhalation in Cases of Catarrh of the Throat, and for Gout, Rheumatism, and Gravel. Per bottle, 2s. 6d.

**WARNING.** JOSEPH MACK'S Office and Depot are now at **HEARN STREET, CURTAIN ROAD, E.C.** As

his products, pamphlets, &c.—a work of twenty years—have recently been copied, the Medical Profession and Chemists and Druggists are requested to read the following letter:

"In reply to your letter requesting information with regard to advertisements appearing in English papers using my name in recommending Pine Products, I can only say that those products are unknown to me. I exclusively recommend and use the Essence and Extract of Pinus Pumilio as produced in the well-known and long-established distillery of Austrian Pine Products belonging to Mr. Joseph Mack at Reichenhall."

"Believe me, yours truly,

(Signed)

G. von LIEBIG, M.D.

Member of the R.C.S., Knight and R. Bavarian Court Councillor, Professor in the University of Munich, Practising Physician during the Thermal Season at Reichenhall.

Munich, 8th January, 1888."

JOSEPH MACK'S PRODUCTS are analysed and examined by the highest authorities; introduced in all the Hospitals of the Continent, and also in several Hospitals in London; were admired at the last Medical Exhibition at Brighton (see *The Lancet*, Dr. Meadows); received the highest honours; and Gold and Silver Medals have been awarded at the International and Pharmaceutical Exhibitions—viz., Vienna, Paris, Frankfurt, Philadelphia, &c.

PINUS PUMILIO is not PUMILINE, and must not be confounded with it.

A SAMPLE BOTTLE, AND PAMPHLET, EXPOSING THE IMITATIONS, FREE TO THE MEDICAL PROFESSION ON APPLICATION.

**Southall's  
Sanitary Towels**

**For Ladies**

**Protected by  
Her Majesty's  
ROYAL  
Letters Patent.**

# SOUTHWALL'S

## "Sanitary Towels" FOR LADIES.

(Trade  
Mark)

The application of absorbent and antiseptic Wool, Gauze, &c., to the manufacture of a substitute for the old-fashioned Diaper which, even in this age of invention, had not been improved upon from the time of the Pharaohs, was heartily welcomed by the leading Obstetric Physicians and the whole of the Medical Press in 1880.

Although all rights have been secured by Royal Patent, the adoption of SOUTHWALL'S SANITARY TOWELS by Ladies has led to unscrupulous copying in some cases not only of the Advertisements and Labels, but the style of the Packets, these counterfeit packets covering dangerous and disappointing imitations of the genuine Towels.

The Towels are retained to the public at 18 and 24 per Packet of one dozen. An extra large size, marked on the label at 30 per Packet.

The Sanitary Towels are invaluable for ladies travelling.

A WHOLESALE DISCOUNT IS ALLOWED TO THE PROFESSION.

**TRIAL SAMPLES of SIX TOWELS** will be sent, post free, to any Medical Practitioner in the United Kingdom, on receipt of address card.

# SOUTHWALL'S SANITARY SHEET, IS. EACH.

For use in Accouchement, recommended for Comfort and Cleanliness.

These Sheets, 24 by 18 inches, are made of Absorbent Wool and Gauze, which have been rendered Antiseptic. They are very absorbent, of downy softness, and great elasticity. If placed under the patient they will be found most comfortable; they can be readily removed, and after use they are simply burned. They are thus in every way superior to the ordinary materials used both for cleanliness, comfort, and safety. They are highly recommended by the Medical Profession, Nurses, and Others.

THE FOLLOWING TESTIMONIAL ILLUSTRATES THEIR VALUE.

Messrs. SOUTHWALL BROS. & BARCLAY.

Gentlemen,—I saw your Absorbent Sheets for Child-bed in use some time ago, and they were pronounced by the lady who used them "The very grandest things ever invented."

Yours faithfully, J. HISLOP JOHNSTON, M.B., &c.

Obtainable at Ladies' Underclothing Establishments Everywhere.

One Single Sheet sent free for 1s. 3d., from the Patentees and Sole Manufacturers,  
**SOUTHWALL BROS. & BARCLAY, Birmingham,**

Manufacturers of Surgical Dressings, Tapes, Millboard Splints, Hospital Strapping, &c.

Wholesale Agents:—S. MAW, SON & THOMPSON, Aldersgate Street, London, E.C., and all other Wholesale Druggists and Druggists' Sundrymen.

# SOUTHALL'S ANTISEPTIC & ABSORBENT SURGICAL DRESSINGS.

Prepared and Introduced under the direction of the late Mr. SAMPSON GAMGEE, F.R.S.Ed.

*The Lancet* says:—SOUTHALL BROS. & BARCLAY are the manufacturers of some very useful materials for surgical purposes. We have made a trial of their Antiseptic Pad. Their absorbent power is extremely valuable, and they are a VERY SIMPLE AND CLEANLY DRESSING for open and discharging wounds. They are made of various sizes, and some are well adapted for the lying-in room."

*Professor Gamgee* writes:—"I am admirably in taking up discharges and keeping parts clean and sweet. All in all, the Pads are the most perfect and comfortable surgical dressings I have ever manipulated."

## SOUTHALL'S DEXTRINIZED MILLBOARD SPLINTS. STRIPS AND ANGLES.

*The Lancet* writes:—"SOUTHALL BROS. & BARCLAY prepare a Dextrinized Millboard which is sold in strips and angles. It is VERY LIGHT AND FIRM, and yet brittle enough to be easily broken into required lengths. When soaked in water it becomes pliable in a few moments, and is then readily moulded to a part, and quickly again becomes hard, forming a very light, cleanly, and sufficiently rigid splint."

*Professor Gamgee* writes:—"Any strength can be secured with two or three thicknesses, and during the drying process a piece of the dry gummed millboard, bandaged on the outside, gives as much stiffness as a wooden splint, and is much less cumbersome; when used with absorbent gauze and cotton pads the prepared splints dry much more quickly and firmly than with the ordinary cotton wadding."



## SOUTHALL'S GUINEA ACCIDENT BAG.

PORTABLE AND COMPLETE.

This Bag will be found most valuable to Surgeons and General Practitioners, as it contains every requisite for simple fractures, wounds, abscesses, burns, &c. Besides a complete assortment of the new antiseptic and absorbent dressings, gauze tissue, millboard splints, and bandages, it contains bottles of ether, glycerine, and Styrain colloid; also Tenax, antiseptic elemi plaster, drainage tubes, &c., the whole in a strong bag.

Numerous and Flattering Testimonials are constantly being received.

## HOSPITAL STRAPPING. SOUTHALL'S ANTISEPTIC ELEMI PLASTER.

This Plaster has been prepared by us for the Birmingham Hospitals for a number of years.

*The Lancet*, June 11th, 1884, says of SOUTHALL'S ANTISEPTIC ELEMI PLASTER, OR HOSPITAL STRAPPING:—"We can only say that after a fair trial WE HAVE FOUND IT SUPERIOR TO ANY WE HAVE HITHERTO MET WITH."

"It is very pliable, adheres without heat or moisture, is cleanly to use, does not crack off, and does not adhere too closely. Its antiseptic properties may be of some value when applied directly to wounds, but whether this is so or not its other EXCELLENCIES ENABLE US TO RECOMMEND IT WITH CONFIDENCE."

Southall's Absorbent Pads, 6 in. x 4 in., 8/6 gross.  
Southall's Absorbent Pads for Childbed, 9 in. x 4 in., 10/- gross.  
Southall's Absorbent Sheets for Burns and Blisters, 18 in. x 10 in., 3/6 doz.  
Southall's Absorbent Sheets for use in Childbed, 24 in. x 18 in., 8/- doz.  
"Tenax" 1/4 per lb., less by cwt.  
Southall's Dextrinized Millboard Splints, 1/- per lb., 90/- per cwt.

### PRICES.

Southall's Antiseptic Elemi Plaster, Hospital Strapping, in tin containing 1 doz. yards, 7/- per doz. yards.  
Southall's Styrain Colloid, 12/- per lb., 8/- per 4 oz., 6/6 and 2 oz. 1/6 each.  
Southall's Absorbent and Antiseptic Handkerchiefs, 8/- per gross.  
Southall's Sanitary Chest Protector, 5/6, 6/6 and 8/- per doz.  
Southall's Sanitary Chest Protector, double, 14/-, 18/-, and 24/- per doz.

GAUZE TISSUE, ABSORBENT WOOL, GAUZE COTTON WOOL SUPPLIED.

Wholesale Agents:—S. MAW, SON, & THOMPSON, Aldersgate Street, London, and all other Surgical Instrument Houses, Wholesale and Retail Chemists.

## SOUTHALL BROS. & BARCLAY,

Manufacturing Pharmaceutical Chemists, and Wholesale and Export Druggists,

Offices and Warehouses:—LOWER PRIORY and DALTON STREET, BIRMINGHAM. Cod Liver Oil Manufactory:—BALSTAD, NORWAY.  
Drug Mills and Laboratories:—DALE END.

Telegraphic Address:—"SOUTHALL, BIRMINGHAM."

# SQUIRE'S

This preparation is composed of one of the simplest and most efficient laxatives known, combined with other ingredients which completely mask the nauseous taste of the Cascara.

Not exciting by its action the peristaltic movement of the bowel, it does not leave

# ELIXIR OF

behind it that tendency to constipation which follows the use of most aperients.

STIMULANT DEXTERIZED WITBOARD

STIMULANT DEXTERIZED WITBOARD

It is a laxative, not a purgative.

Sold in 8 oz. Bottles, retail, 2s. 6d.

*Samples to the Profession on application.*

# CASCARA.

## SQUIRE AND SONS,

HER MAJESTY'S CHEMISTS,

413 OXFORD STREET, LONDON, W.

THE ORIGINAL PREPARATION.

# SQUIRE'S

A general Food Tonic for  
Anæmic and Delicate Children.

# CHEMICAL

The original preparation of the late EDWARD PARRISH, for which SQUIRE AND SONS were for twenty years the sole agents, and for the last thirteen years have been the authorised manufacturers.

# FOOD.

## SQUIRE AND SONS,

HER MAJESTY'S CHEMISTS,

413, OXFORD STREET, LONDON, W.



# SCIENCE IN DIET.

LONDON.]

JUNE.

[1888.

## Errors in Invalid Feeding.

The three prime foods of the invalid chamber are doubtless cows' milk, gruels and meat-soups. As ordinarily administered, these have been pronounced a delusion and a snare. The cow's milk curdles, and may thus do no end of damage. The starch is not acted upon by the secretion of the stomach, and may roll about in this organ for hours, aggravating the fever, causing delirium, and giving rise to no end of unpleasant symptoms. The beef-tea, as commonly made, contains, we are told by authorities, mainly the salts and stimulating principles of the meat.

### MILK.

It is constantly pointed out that cows' milk differs from human milk in that the former, when taken into the stomach, forms heavy curds, while the latter only flakes. These curds are often as tough and hard as felt. Upon them the secretion of a disabled stomach may have but little effect. In gastritis, gastric ulcer and dyspepsia, and in intestinal ulceration, diarrhoea, and peritonitis, these curds have occasioned dire results. In typhoid fever, with the large intestine ulcerated, hæmorrhages have been attributed to them. "I have seen," says Sir William Jenner, "the patient restless, sleepless, or drowsy, his temperature raised several degrees above what it had previously been, vomit a quantity of curd, and at once the restlessness cease, the temperature fall, the skin become moist, and the patient drop into a quiet sleep, and the threatening symptoms vanish with the ejection of the offending material. Or the undigested curds may accumulate in the bowels, inducing flatulent distension and pain in the abdomen, restlessness and increased febrile disturbance. Under these circumstances, I have seen an enema of thin gruel bring away a large vesselful of offensive, sour, undigested curds. Or, again, the undigested curds may themselves irritate the bowels, and produce, keep up, or greatly increase diarrhoea." But it is significant that the domain of infant feeding is where the dangers from plain cows' milk appear most vividly—and yet milk is the only natural food for infants.

Writers on dietetics are constantly referring to the dangers attendant on the administration of plain cow's milk, and pointing out the best methods of overcoming the difficulties. In case of extreme illness, the best plan, without doubt (for it is the safest), is to predigest the milk; the process of predigestion being now readily accomplished, it only being necessary to add a *Zymine Peptonising Powder* (Fairchild) to each pint of milk, which should be kept warm for twenty minutes.

Milk prepared by this process agrees well with the stomach, will not curdle like plain milk, and is far more nutritious, because more assimilable, than the latter. It is certainly a boon to infants and invalids. It is suitable for all ordinary culinary purposes, and is even miscible with lemon-juice. The bland, soothing properties of milk prepared according to the foregoing directions place it foremost in the list of invalid and infant foods. It may be agreeably sweetened with Kepler Extract of Malt, which is sometimes used alone to make milk suitable for the digestion of infants and invalids.

### GRUELS.

Of the two chief digestive ferments in the body that act on starch—the salivary and the pancreatic diastase—neither is often active in febrile diseases. The stomach having no noteworthy action on starch, in such cases gruel may roll about in the organ for hours. Gruels are ordinarily light and pleasant food, and in convalescence may prove of inestimable value; but in severe cases, they should certainly be digested before they are given. If to a plate of warm gruel, there be added a little Kepler Extract of Malt, the gruel will turn liquid at once, for this Extract liquifies and digests it quickly. When treated in this manner, starchy food becomes admissible. *Zymine* can also be used to digest starch.

### BEEF-TEA.

Dr. Pavy appears to have been "the first to put in active practice the idea of preparing an artificially digested food." Beef-tea is necessarily made with heat, but heat coagulates the albumen of the meat, though the hot and cold water used dissolves out some salts and stimulating principles. The insoluble albumen which is coagulated by heat is therefore what is thrown away when the tea is strained. One writer says:—"If our patients are to be given beef-tea, it should be made in such a manner that the real substance of the meat shall be retained. To do this, all that is necessary is to predigest the meat. This may be done by adding  $\frac{1}{2}$  drachm of *Zymine* to each  $\frac{1}{4}$  lb. of meat used. By this means, we shall effect what cannot be brought about by any other means except pepsin."

### NOTE.

Milk, Gruels and Beef-tea are of a delicate flavour, and are most acceptable to patients, when prepared with the *Fairchild* digestive ferments.

*Zymine* (Fairchild) supplied to the medical profession in  $\frac{1}{4}$ -oz. and 1-oz. bottles at 20s. and 60s. per doz. Retail prices, 2s. and 6s. each. *Zymine Peptonising Powders* (Fairchild) in boxes containing 1 doz. tubes, at 1s. 6d. per box, to the Profession. Retail price, 2s. Special terms to hospitals.

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

## [09:42:41]

**FOR**

# INFANTS.

# CHILDREN.

# CHILDREN, AND INVALIDS.

## NOTICE TO THE MI

## NOTICE TO THE MEDICAL PROFESSION.

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

Yd encl. of letter dated 11/11/1887. I enclose herewith a copy of the letter. [COPY.] "5, ALLEN TERRACE, SUNDERLAND, Nov. 19th, 1887.  
Yd DEAR SIR.—A patient recently consulted me for debility; he was very weak, losing flesh rapidly, but there was no disease perceptible. I prescribed nothing but Benger's Food. In one week he had gained 3½lb. in weight and *looked well* in comparison with his previous appearance. In less than a fortnight he resumed work. The case was so good an example of the benefit to be derived from your food in proper cases, that I feel compelled to write to you.  
Yours, etc., H. DRINKWATER, M.D."

## EXTRACTS FROM PRIVATE LETTERS.

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

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

**BENGER'S FOOD** may be obtained in tins at 1s. 6d., 2s. 6d., and 5s. each of Chemists, etc., everywhere, or by Parcel Post direct from the Manufacturers.

**MOTTERSHEAD & Co. (S. Paine & F. B. Bengel), Pharmaceutical Chemists,**  
**4, EXCHANGE STREET, MANCHESTER.**

# HEPATIC DERANGEMENTS, THEIR CURE.

## PODOPHYLLIN.

The value of this drug as a cholagogue has been without doubt established, and as a hepatic stimulant it stands without a rival. The difficulty in its use has hitherto been due to its insolubility, and Professor RUTHERFORD in his work on the "Physiological Action of Drugs," ascribes its uncertainty in action to this reason.

### LIQ. PODOPHYLLIN (Hockin)

overcomes this difficulty as it is perfectly soluble in water, acids, alkalies, ethers, tinctures, &c., and being of a standard strength of  $\frac{1}{4}$  grain to the drachm, its action is sure, and its combination with other drugs easily affected, without precipitation of the active principal as with all other preparations of this drug.

### LIQ. PODOPHYLLIN et BELLADONNA c. STRYCHNIA (Hockin).

TROUSSEAU recommends Belladonna in obstinate constipation in small doses. Dr. NUNNELY finds that this drug is useful in all forms of constipation, especially when co-existing with dyspepsia, and says that it ensures a natural evacuation daily. The combination of this drug therefore with Podophyllin and Strychnia yields a most powerful medicine in an elegant form. The strength is uniform, being as follows: Podophyllin  $\frac{1}{4}$  gr., Ext. Bellad. Rad. Alch.  $\frac{1}{4}$  gr., Strychnia  $\frac{1}{16}$ .

### LIQ. PODOPHYLLIN et PEPSIN (Hockin).

A soluble preparation of Podophyllin and Pure Pepsin of great digestive power. As an aid to digestion, when the ordinary stimuli do not excite sufficient secretion, and the digestive ferment is insufficient, and in all indigestion due to a sluggish state of the liver and constipation of the bowels. Dose—One drachm.

The LANCET, April 30th, 1887, says:—

"LIQ. PODOPHYLLIN (HOCKIN).—This seems an excellent extract. It is faintly alkaline, mixes well with water, alcohol, dilute acids, and small quantities of alkaline carbonates, but is precipitated by alkaline hydrates."

The BRITISH MEDICAL JOURNAL, Feb. 12th, 1887, says:—

"Although the action of Podophyllin as a cholagogue has long been recognised, much difficulty has been experienced in prescribing it in a liquid form. Many patients cannot take pills, and prefer having a mixture. The new preparation contains a quarter of a grain in a drachm, and is miscible not only with water, acid, and alkaline solutions, but also with infusions and tinctures. It is active in very small doses, and undoubtedly supplies a long-felt want."

The LANCET, October 15th, 1887, says:—

"LIQ. PODOPHYLLIN ET PEPSIN (HOCKIN).—Hockin's well-known Liq. Podophyllin is now associated with Pepsin. In such a mixture all depends on the quality of the Pepsin, and as we find by experiment that a small quantity of the liquid dissolves a considerable quantity of starch paste, we have no hesitation in recommending it. Hockin's Podophyllin and Pepsin is a trustworthy preparation."

"LIQ. PODOPHYLLIN ET BELLADONNA c. STRYCHNIA (HOCKIN).—This, like the last, is a genuine and reliable preparation suitable for hepatic and intestinal derangements. The Strychnine can be extracted by Ether, and is recognised easily by the bitter taste and the bichromate test. Each drachm of the mixture contains one-fourth of a grain of Podophyllin Resin, one-eighth of a grain of Extract of Belladonna, and one-thirtieth of a grain of Strychnine."

The EDINBURGH MEDICAL JOURNAL, April, 1887, says:—

"LIQ. PODOPHYLLIN (HOCKIN). Prepared only by HOCKIN, WILSON AND Co., London.—This is an excellent preparation, containing two grains of Podophyllin in every fluid ounce, and one which we can recommend to the notice of the profession."

PREPARED ONLY BY

# HOCKIN, WILSON & CO.,

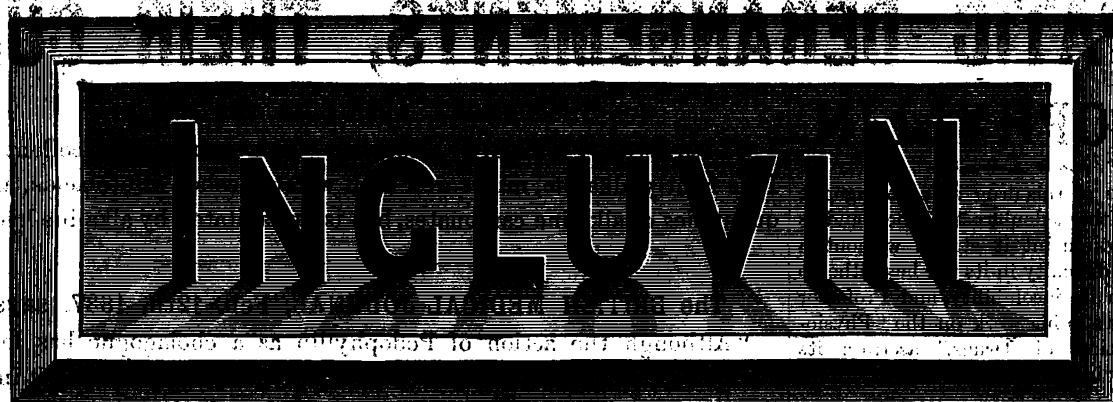
Wholesale Druggists and Manufacturing Chemists,

NEW ADDRESS:—13, 14, 15 and 16, NEW INN YARD, TOTTENHAM COURT ROAD, LONDON, W.

Price (for Dispensing) 16 oz. Bot., 7s.; 8 oz. Bot., 4s.; 4 oz. Bot., 2s. 6d. Winchester Quarts charged 6s. 9d. per lb.

All Bottles and Packing free, Postage only charged as follows:—16 oz. Bot. 6d., 8 oz. Bot. 6d., 4 oz. Bot. 3d. extra.

In prescribing please write "HOCKIN'S PREPARATIONS." Pamphlet with full details on application.



("INGLUVIN.—A powder from the gizzard of the chicken (*Ventriculus callosus gallinaceus*) prescribed in the same manner, doses, and combinations as Pepsine." Per oz. 4s. 6d., prepared by W. R. Warner & Co. Wrapper-design, and word, "INGLUVIN" registered under the Trade Marks Act.)

INGLUVIN.—A very expressive name for a remedy is Ingluvin. It is the essential principle of the gizzard, and bears the same relation to poultry that pepsine does to the higher animals. The honour of its discovery and utilization, in its crude state, remotely dates with the Chinese gastronomer, as well as (in its refined condition) with the Caucasian chemist. From time immemorial the inhabitants of the Celestial Empire have used the gizzards of chickens and ducks in nearly all made dishes. Their writers have recommended the practice as a sovereign treatment of dyspepsia, weak stomach and vomiting. A favourite prescription of Chinese physicians for chronic indigestion is to cut up and digest chickens' gizzards in hot water until they are reduced to a pulp, and then to add some spices. A tablespoonful or two of the resulting paste is taken at each meal until the patient has entirely recovered. From China the practice passed to other parts of Asia, and was adopted here and there among the Mediterranean people. Strange to say, it was never learned by the great nations of Europe until the latter part of the present century. On the other hand, the organic chemists of Europe discovered, about 1850, a powerful nitrogenous radical in the gizzard. Experiments thereafter showed it to possess many of the qualities of pepsine. These experiments led to its isolation. Numberless experiments have proved it to be a very valuable addition to therapeutics. Where pepsin refuses to act, and where, in severe cases, it has been rejected by the stomach, Ingluvin has effected relief rapidly and with the greatest ease.

In four recent cases of poisoning by root beer (Brooklyn, June, 1886), Dr. George Everson, jun., a well known physician of that city, reports that after pepsine and all similar compounds had been rejected by the stomachs of his patients, Ingluvin stayed the retching and enabled them to retain and digest food.

Dr. Laessing reports a similar experience in several cases of acute dyspepsia.

*A priori*, it would seem as if Ingluvin should be more efficient and potent than pepsin in many cases of physical disorder.

Our poultry are chiefly granivores, and have no beak nor other buccal apparatus for crushing the hard grain and seeds on which they so largely feed. The food is swallowed when apprehended, and passes directly into the crop or gizzard. This seems to act both mechanically and chemically. Its interior walls are covered by a dense, hard, cutaneous membrane, surrounded by muscles of the most powerful type. Along with the food is always a small amount of sand and gravel. The organ acts, apparently, by bruising and cracking, rather than, as is commonly believed, by trituration. The motion of the ingluvial muscles is accompanied by the slow but continuous exudation, from the walls of the crop, of a strong organic fluid, of which Ingluvin is the chief constituent. The hull of the grain or the shell of the seed is broken by the pressure of the walls and the gravel, and their interior is exposed to the chemical action of the Ingluvin. By the time it reaches the stomach it is ready for the gastric juices. From this point on, digestion proceeds as with the higher animals. As the gallinaceæ have very small salivary glands, and as the fluids secreted by these resemble the secretion of the parotid rather than that of the sublingual and submaxillary glands of the human being, it would seem as if Ingluvin played a double part, exercising the functions of the ptyalin of the saliva as well the pepsine of the stomach. Ingluvin is prepared by the well known chemists, Wm. R. Warner & Co. It is made from selected gizzards, and is so carefully extracted as to be free from all foreign organic bodies. It is already known and appreciated by the medical profession in various parts of the world. The *American Analyst* bespeaks for it the same appreciation by its readers. We extract the following:—

"Prof. Roberts Bartholow, M.A., M.D., LL.D., in his late work on *Materia Medica and Therapeutics*, says:—INGLUVIN. This is a preparation from the gizzard of the domestic chicken—*ventriculus callosus gallinaceus*."—Dose gr. v.—D. J.

Ingluvin has the remarkable property of arresting certain kinds of vomiting—notably the vomiting of pregnancy. It is a stomachic tonic and relieves indigestion, flatulence and dyspepsia.

The author's experience is confirmatory of the statements which have been put forth regarding the exceptional power of this agent to arrest the vomiting of pregnancy. It can be administered in inflammatory conditions of the mucous membrane, as it has no irritant effect. Under ordinary circumstances, and when the object of its administration is to promote the digestive function, it should be administered after meals. When the object is to arrest the vomiting of pregnancy, it should be given before meals.

## Ingluvin is prepared by WILLIAM R. WARNER & Co.

### CHEMISTS, AND MANUFACTURERS OF SUGAR-COATED PILLS.

Ingluvin, Paryules, Sugar-Coated Pills, and other Preparations of W. R. WARNER & Co., may be obtained in London of Messrs. Barclay & Sons, Butler and Crispe, W. Edwards and Son, R. Hovenden and Sons, Lynch and Co., S. Maw, Son and Thompson, J. Sanger and Sons, W. Sutton and Co., Corbyn and Co., Young and Postans, &c.

SOLE DEPOT IN GREAT BRITAIN—

F. NEWBERRY & SONS, (125 Years in St. Paul's Churchyard)  
1, KING EDWARD STREET, LONDON, E.C.

# SULPHONAL.

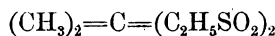
LONDON.]

JUNE.

[1888.]

## A Safe Soporific.

*Diethylsulphondimethylmethan.\**



SULPHONAL is an oxidation product of the union of ethyl-mercaptan with acetone, and appears to possess properties that will commend it to the medical profession with special force.

It is claimed to "be of much service when sleeplessness is persistent without any organic disease. It leaves no bad effects, and possesses none of the dangers of other narcotics in its administration. It produces calm normal sleep, with the feeling of being refreshed after its use."

Sulphonal is soluble in from 15 to 20 parts of boiling water, and in several hundred parts of cold. The *Chemist and Druggist* says:—"This sparing solubility of Sulphonal is one of the chief difficulties which have to be dealt with in dispensing the remedy. It is placed on the market in the form of small white crystals, which powder easily, but the resulting powder mixes badly with water. Were there not this objection, the best form of dispensing Sulphonal would be as powder, for the dose being comparatively large, pills are out of the question." In ordinary mixtures, "the powder rises to the surface of the liquid as soon as agitation ceases." The fact is arrived at by exclusion, therefore, that "Tabloids" of compressed Sulphonal must be about the only eligible form for administration, obviating as they do every inconvenience and affording every possible convenience. Consequently, we have prepared the drug in this form.

Sulphonal is practically tasteless and odourless. It has been found that "specimens which possessed a lower melting point than 124° C. were invariably of a bitter taste," and, curiously, it is such specimens which are uncertain in their results. Acids or alkalis do not affect it, nor do oxidising agents (in cold or warm atmosphere). Concentrated sulphuric acid with heat scarcely affects it, and it resists fuming nitric acid, and even chlorine and bromine.

Sulphonal, it is said, does not interfere with digestion, does not affect the temperature, pulse or respiration, and its use for weeks does not exhaust the body.

The *British Medical Journal* reports upon Sulphonal as follows:—

"Twenty experiments with Sulphonal on healthy men

\* "Ethyl-mercaptan,  $C_2H_5.SH$  may be made by distilling a mixture of the concentrated solutions of potassium ethylsulphate and potassium hydrosulphide. The name 'mercaptan' was given to it on account of its action towards mercury. It readily forms a compound in which mercury takes the place of hydrogen,  $(C_2H_5S)_2Hg$ . The name refers to its power of seizing mercury (*mercurius* and *captans*)." REMSEN. Acetone,  $C_3H_6O$ , of course, is a product of the distillation of acetates.

show that doses of three or four grammes were borne by adults without the least discomfort or disagreeable after-effect. Thus, a medical man, aged 28, took 3 grammes (46 grains) at 4 P.M., and at 5.15 P.M. began to feel sleepy, with a feeling of heaviness in the head. At 6.15 these feelings lessened, but at 8.15 they increased somewhat. At 9.15 the subject of experiment went out for the evening, having resisted the inclination to sleep. He passed a tranquil night afterward, and felt no after-effects of any kind. Another medical colleague sank into a sound sleep two hours after the same dose, the sleep lasting several hours. The time of day and the meals were found to influence the action of Sulphonal very much.

"Employed medically the drug has been given to 60 patients, and 300 observations of its effects were made (Professor Cramer gave it 200 times in the Marburg Lunatic Asylum). The results, almost without exception, were that the patients sank within from half an hour to two hours into a tranquil and sound sleep, lasting from five to eight hours, and awoke feeling perfectly comfortable. A few felt tired and sleepy next day."

Dr. William Macvie writes in the *Medical Press*, June 13th, 1888, as follows:—

"In a series of 120 cases in which the drug was used, the best results were obtained. About 30 of these cases were 'nervous' sleeplessness, or suffering in some way from a neurotic disturbance, affections of the brain, grey softening, with sleeplessness, etc. Cases of insomnia arising out of acute affections, as fever, were relieved by its use, and cases of sleeplessness from cardiac affection are also reported to have been relieved by the drug. Without exception sleep in all cases was produced in half an hour, or within two hours, after taking the medicine, and continued from five to eight hours, after which the patient would awake and express himself quite refreshed, free from pain or any other bad effects. The pulse and respiration were slow, but nothing more than in natural sleep."

While fifteen grains is considered sufficient for a woman, somewhat more is required in a strong healthy man. As much as forty-five grains have sometimes been given. Rabbas concludes from 220 trials, that Sulphonal acts with greater certainty and better "results than amyl hydride or paraldehyde," and acts quicker and for a longer time than chloral. When narcotics have been long administered "it has been found useful."

On account of being tasteless it presents a favourable advantage over other soporifics in the case of weak-minded and insane patients, for "it can be easily administered without being detected."

Sulphonal Tabloids (5 grains) supplied to the medical profession in bottles, containing 25 and 100, at 4s. 6d. and 14s. per bottle.

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

# ALETTRIS CORDIAL

## UTERINE TONIC AND RESTORATIVE.

*Prepared from the Aletris Farinosa, or True Unicorn.*

**INDICATIONS.**—Amenorrhœa, Dysmenorrhœa, Leucorrhœa, Prolapsus Uteri, Sterility, to PREVENT Miscarriage, &c.  
**DOSE.**—One teaspoonful three or four times a day.

**UNRIVALLED as a UTERINE TONIC in IRREGULAR, PAINFUL, SUPPRESSED, and EXCESSIVE MENSTRUATION.**

**It restores normal action to the uterus and imparts vigour to the entire uterine system.**

Where Women have aborted during previous Pregnancies, or in any case where abortion is feared, the Aletris Cordial is indicated, and should be continuously administered during entire gestation.

A. W. HAWTHORN, M.D., Rath House, Dromore, co. Down, Ireland, says:—"Aletris Cordial proved effectual in three cases of obstinate amenorrhœa after the usual remedies had failed."

HAYGARTH M. ADDISON, L.R.C.P., London, N., says:—"Aletris Cordial is simply marvellous in its action. A splendid uterine tonic."

WM. H. WATERFIELD, L.R.C.S., Plymouth, England, says:—"Used Aletris Cordial in a case of threatened abortion with great success."

FRANCIS E. CANE, L.R.C.P. and L.R.C.S., Leeds, England, says:—"I have tried Aletris Cordial in dysmenorrhœa with splendid results."

"Dr. W. BERTHELOT, Santandar, Spain, says:—"Have found Aletris Cordial very useful in dysmenorrhœa."

Dr. DEPREZ, Monteray, Belgium, says:—"Used Aletris Cordial in threatened miscarriage with perfect success."

**Price per Bottle, 4s. 6d.**

# S. H. KENNEDY'S CONCENTRATED EXTRACT OF PINUS CANADENSIS A NON-ALCOHOLIC LIQUID.

*A Most Valuable, Non-Irritating Mucous Astringent.*

**INDICATIONS.**—Albuminuria, Diarrhœa, Dysentery, Night-Sweats, Hemorrhages, Profuse Expectoration, Catarrh, Sore Throat, Leucorrhœa, and other Vaginal Diseases, Piles, Sores, Ulcers, Burns, Scalds, Gonorrhœa, Gleet, &c.

*When used as an Injection, to avoid staining of Linen, the WHITE Pinus should be used.*

J. MARION SIMS, M.D., New York, says:—"I have used S. H. Kennedy's Ext. Pinus Canadensis with great success in affections of the vagina, cervix uteri, and rectum."

G. T. SWAIL, M.D., Macclesfield, England, says:—"I have used S. H. Kennedy's Ext. Pinus Canadensis in a number of cases of gastro-enteric catarrh, and it has invariably proved effective, even where old stock remedies have failed."

W. R. T. IVES, L.R.C.P., Southampton, England, says:—"I have used S. H. Kennedy's Ext. Pinus Canadensis with great and speedy success in gleet."

Jno. DOIG, L.R.C.S. Edin., Bathgate, Scotland, says:—"I find S. H. Kennedy's Ext. Pinus Canadensis a capital remedy in leucorrhœa applied topically, and also as a wash for old and indolent ulcers, and in long-standing cases of eczema."

W. C. WILE, M.D., Philadelphia, U.S.A., says:—"S. H. Kennedy's Ext. Pinus Canadensis acts like magic in cases of burns."

A. D. WEBSTER, M.D., Edinburgh, Scotland, says:—"I have used S. H. Kennedy's Ext. Pinus Canadensis with much success in catarrhal pharyngitis, also in diphtheria."

**Price per Bottle, 7s.**

# CELERINA.

*Nerve Tonic, Stimulant, and Antispasmodic.*

**FORMULA.**—Every Fluid-Drachm represents FIVE grains EACH—Celery, Coca, Kola, Viburnum, and Aromatics.

**INDICATIONS.**—Loss of Nerve-Power, Nervous Headache, Neuralgia, Paralysis, Dysmenorrhœa, Hysteria, Opium Habit, Inebriety, Prostatitis, Dyspepsia, and VARIOUS LAMID or DEBILITATED conditions of the System.

**DOSE.**—One or two teaspoonfuls three or more times a day, as directed by the Physician.

G. A. SETZLER, M.D., Pomona, S.C., says:—"Having a case of nervous dyspepsia under treatment with the usual remedies without any benefit, I concluded to try Celerina, and am happy to inform you with the best results; I am satisfied it is one of the best nerve-tonics that we possess."

O. M. LITTLE, M.D., Washington, says:—"I have prescribed Celerina for nervous complaints—viz., fits, hysteria, epilepsy, headache from alcoholic excess, with successful results. As a remedy for impotency it has no equal."

"S. KNEELAND, M.D., Boston, Mass., says:—"I have used Celerina in an aggravated case of nervous prostration with spermatorrhœa with marked benefit."

SAM. E. WOODY, A.M., M.D., Professor of Chemistry, Kentucky School of Medicine, Louisville, says:—"Celerina has proved in my hands a most valuable agent in the treatment of neuralgia, especially those forms incident to nerve exhaustion and uterine trouble."

**Price per Bottle, 4s. 6d.**

**RIO CHEMICAL CO., ST. LOUIS, U.S.A.**

The above preparations are prepared exclusively for the Prescriptions of Medical Men. A sample of any or all of them will be sent free to any Medical Man who desires to test them on application to

**BURGOYNE, BURBIDGES & CO., 16, Coleman Street, London,**  
**GENERAL DEPOT FOR GREAT BRITAIN.**



# Liq. Euonymin et Pepsin Co.

(OPPENHEIMER'S)

From the **BRITISH MEDICAL JOURNAL**, February 14th, 1885.—“This is an exceedingly well devised and valuable preparation, combining, in a very useful and palatable form, a valuable hepatic and digestive agent. *It meets a want very often felt by prescribers* in the treatment of the forms of indigestion and flatulence due to deficient secretion of bile, as well as atony of the stomach and insufficient secretion of gastric juice. The preparation is likely to be found exceedingly useful, and in practice we found it very convenient and valuable.”

From the **MEDICAL TIMES**, July 18th, 1885.—“This preparation (introduced by Messrs. Oppenheimer Bros. & Co.), contains both of its constituents in a thoroughly soluble and active form. There is no doubt that, in order to get satisfactory results with Euonymin, it is, as a rule, necessary to give it in repeated doses for a certain length of time, and not merely for two or three nights in succession, which, owing to a mistaken idea as to its semblance to blue pill, was for long the favourite mode of administration. The present preparation, when taken after every meal, for a week, has been credited by us with good results in relieving the symptoms usually attributed to functional derangement of the liver.”

\* From the **EDINBURGH MEDICAL JOURNAL**, May 1st, 1886.—“We can confidently recommend it as an excellent preparation in Dyspepsia depending on hepatic derangements.”

From the **LONDON MEDICAL RECORD**, February 16th, 1885.—“This preparation will be found exceedingly effective, and, in practice, we have proved it both handy and satisfactory.”

## Liq. Euonymin et Bismuthi Co. (Oppenheimer's)

This preparation possesses in addition to the aperient, diuretic and expectorant properties of the hepatic stimulant Euonymin; the sedative, astringent, and antiacid action of Bismuth, which clinical experience proves beyond doubt acts mechanically on the gastric nerves, shielding them from irritating secretion; therefore this combination of Euonymin and Bismuth will be found invaluable in all PAINFUL GASTRIC AFFECTIONS, and in the cure of DYSPEPSIA, ULCER OF THE STOMACH, and VOMITING from various causes. In BILIOUS DIARRHŒA it has almost a specific action.

## Liq. Euonymin et Cascara Sagrada Co. (Oppenheimer's)

This combination of our Euonymin with Cascara Sagrada possesses the following therapeutic action in addition to the chologogic action of Euonymin. It stimulates mildly the entire glandular apparatus of the large and small intestines, increasing muscular power and regulating the propelling force, the bowels continuing to act naturally and regularly after the preparation is discontinued, and therefore Liq. Euonymin et Cascara Sagrada Co. will be found most useful in the treatment of CHRONIC CONSTIPATION WITH HEPATIC DERANGEMENTS.

PREPARED ONLY BY

# OPPENHEIMER BROS. & CO.,

Manufacturing Chemists,

1 & 3, SUN STREET, FINSBURY SQUARE, LONDON, E.C.

## *Extracts from a Leading Article on Infant Feeding in THE LANCET of November 20th, 1886:—*

"In the majority of infants brought up on cow's milk, even diluted to the starvation point, the stools are distinctly offensive, and are largely made up of masses of white casein.

"How can the casein be dealt with?

"A simple, time-honoured method, which we think ought to be tried, is the dilution of the milk in varying proportions with barley water, which, perhaps in a mechanical way, facilitates the separation of the curd into more manageable masses. If this is found unsatisfactory, a very little malted food ought, we think, to be added to each bottle. That the whole character of the stools, in respect of undigested casein, may become altered after the adoption of this simple expedient, we have satisfied ourselves again and again, as well as of the diminution in the actual number of the evacuations. But our physiological friends protest

that this is using farinaceous foods, that the infant's pancreas and salivary glands are rudimentary, and that its economy is unequal to the conversion of starch. The employment of the term 'farinaceous' has, indeed, brought us more or less under bondage in our directions as to infant feeding. To repeated meals of arrowroot, corn flour, baked flour, and the like, even when made with milk, the term farinaceous is properly applicable, and we are second to none in our condemnation of such methods of feeding infants; but a broad distinction ought to be drawn between them and the use of a very small quantity of malted soluble food added to milk.

"The proper use of the malted foods is that they should be employed in small quantity—not in any sense as a substitute for fresh milk, but as an aid to the digestion of the casein."

# Allen & Hanburys' Infants' Food.

ALLEN & HANBURY'S Malted Farinaceous Food is manufactured from the finest wheaten flour, carefully cooked and treated with malt in a soluble form. It thus contains all the valuable digestive and nutritive constituents of malt, whilst all that is indigestible and irritating is rejected. It is free from the drawbacks of the ordinary farinaceous foods, for it is not only readily assimilated from its being partially predigested, but the action of the diastase present on the casein of the milk used in preparation of the Food, is such as to prevent the aggregation of the casein into hard lumps, and also to promote its ready digestion by the child. Although this Food is very easily assimilated, it is not so entirely predigested as to leave nothing for the infant's stomach to perform, and it is believed that the excellent practical results obtained are largely due to the special proportion maintained between the predigested and unaltered portions.

In the case of very delicate infants, and where it is desired to digest the milk to a greater extent, we recommend the addition of a small quantity of Byno-Pancreatin.

### SPECIAL MEDICAL TESTIMONY.

**The BRITISH MEDICAL JOURNAL writes:—**

"We have taken some trouble to have this food carefully tested by skilled persons, the result being decidedly satisfactory. Delicate children have, in many instances, improved under its use; infants who have thriven under its use fell off when it was discontinued, and it was generally liked by the children to whom it was given. In two large crèches the food has been found very successful; in more than one instance the children who had been subject to sickness being freed from it by the use of Messrs. ALLEN & HANBURY'S food. The food may be prepared either for infants or for invalids, according to the directions given; and we have no doubt whatever that this Malted Farinaceous Food will be found very effective, digestible, nutritious, and palatable wherever it be tried."

**The LONDON MEDICAL RECORD writes:**

"ALLEN & HANBURY'S Malted Farinaceous Food differs

from other forms of Liebig's Food in that the malt is present in a soluble, concentrated, and most active form, rendering the food not only most nutritious, but self-digesting."

**Dr. TRESTRAIL writes:—**

"ALDERSHOT.

"GENTLEMEN,—I have much pleasure in being able to report most favourably upon your 'Malted Food,' as my child, after being at death's door for weeks from exhaustion, consequent upon severe diarrhoea, and inability to retain any form of 'Infants' Food' or milk, began to improve immediately he took your malted preparation, and I have never seen an infant increase in weight so rapidly as he has since done.

"I am, Gentlemen, yours faithfully,

"H. ERNEST TRESTRAIL,  
F.R.C.S., M.R.C.P.

"Messrs. ALLEN & HANBURY'S."

**PLOUGH COURT, LOMBARD STREET, LONDON, E.C.**

# The Conditions of a Good Infants' Food.

THE cases in which maternal nursing is impracticable, and recourse must be had to artificial feeding, are so numerous that the question of what constitutes an efficient substitute for human milk has received a good deal of attention from medical authorities. The following principles have been established by clinical experience, and they have all been most carefully observed in the manufacture of "CARNRICK'S SOLUBLE FOOD."

## Cow's Milk the Basis.

At the Conference at Salzburg in 1882 it was agreed that animal milk was the best food for infants in lieu of human milk. Cow's milk must therefore form the basis of artificial infant feeding, as other kinds of milk are practically not available. The problem then for manufacturers is so to modify cow's milk as to assimilate it to human milk.

## Large Proportion of Fat in Human Milk.

The older analyses made cow's milk much richer in fat than human milk. Later analyses justify us in reversing the conclusion. Other considerations may also have some weight in this connection. We know clinically that good results are often obtained by adding cream to the milk of the nursing bottle. Animal heat is readily lost by the infant, and is very essential to its rapid growth and delicate organism. Hence it seems natural to find the large proportion of milk, sugar, and fat that are in human milk. It is better to bring the sugar of cow's milk to the right proportion by adding sugar of milk or dextrine rather than maltose, since "dextrine will not undergo alcoholic or acid fermentation as will malt sugar" (Prof. DUGGAN).

## The Albuminoids of Cow's Milk.

Not only are they present in large proportions in cow's milk, but the total fraction coagulable by acids is much larger than in human milk. Hence as soon as cow's milk reaches the acid stomach, large tough curds are formed instead of the small floculi of human milk.

There are two ways of acting upon the caseine of cow's milk—the mechanical and physiological. It is found that certain substances, as oatmeal, barley, gelatine, sugar, &c., act physically as attenuants of the caseine. These substances, however, possess qualities that may be injurious to the infant's nutrition, since infants under three or four months can digest only very small quantities of starch.

The physiological method of dealing with the caseine consists in peptonising the milk. If completely done the milk will acquire a disagreeable bitter flavour. By only partially acting on the caseine it will be coagulated in loose flakes.

## MALTED AND FARINACEOUS FOODS.

Analyses of these foods in comparison with human milk show that they add no essential element to cow's milk except sugar, and as their action upon the caseine is purely mechanical and dependent upon their indigestibility, they are liable to cause trouble.

## CARNRICK'S SOLUBLE FOOD.

The milk used is partially peptonised, and rendered as digestible as human milk.

The starch of the wheat is converted into dextrine, which will not ferment.

The fat is brought up to the same proportion as in human milk by the addition of 10 per cent. milk sugar.

**FORMULA.**—45 per cent. dextrine, 45 per cent. partially predigested evaporated milk, 10 per cent. milk sugar.

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

**Samples Free to Medical Men.**

**CARNRICK & CO., LIMITED,**  
24 & 25, HART STREET, BLOOMSBURY, LONDON, W.C.

# KINGZETT'S BACTERICIDES.

KINGZETT'S BACTERICIDES are a new series of valuable Antiseptics and Disinfectants which have been patented by Mr. C. T. KINGZETT, F.I.C., F.C.S., Ex Vice-President, Society of Public Analysts.

Mr. KINGZETT'S invention is based upon the view that a perfect Disinfectant must be capable not merely of destroying micro-organisms, but also of destroying by chemical oxidation the toxic products which they are capable of producing. As there is a choice of Antiseptics and as it is sometimes advisable to use one and sometimes another, Mr. KINGZETT does not confine himself to any one Antiseptic but avails himself of all which may be suitably combined with the oxidising agent—Peroxide of Hydrogen—without causing the decomposition of that substance or being decomposed thereby.

Hitherto, only one variety of KINGZETT'S BACTERICIDE has been offered for sale, but now a large choice is afforded to medical gentlemen and all who have occasion to use or recommend the use of Antiseptics and Disinfectants.

The series of KINGZETT'S BACTERICIDES now obtainable are specified below.

They respectively contain 5 per cent. by weight in volume of the Antiseptic substance which is indicated in their names, with the exception of the Thymolic Bactericide, which contains 1 per cent. Thymol, and all contain 5 volumes of Peroxide of Hydrogen, so that they are capable of yielding five times their own volume of nascent oxygen as and when required.

## NAMES OF KINGZETT'S BACTERICIDES.

## ACTIVE ANTISEPTIC.

## ACTIVE OXIDANT.

Mercuric Bactericide	...	Perchloride of Mercury.
Boric	...	Boric Acid.
Sulpho-phenic	...	Sulpho-phenic Acid.
Chloralic	...	Chloral.
Carbolic	...	Phenol.
Zincic	...	Chloride of Zinc.
Baric	...	Chloride of Barium.
Quininic	...	Quinine Disulphate.
Thymolic	...	Thymol.

Peroxide of Hydrogen.

Writing of the Mercuric Bactericide, *The Hospital*, March 3rd, 1888, says, "We have made a prolonged trial of 'KINGZETT'S BACTERICIDE' and are convinced that it is as practically efficacious as it is in composition theoretically perfect." *The British Medical Journal*, March 17th, 1888, says, "The preparation is worthy of extended trial, and from our own observations we can heartily recommend its employment." *The Lancet*, April 7th, 1888, says, "It is a very powerful disinfectant."

The list will be increased from time to time, and special varieties can be made to order.

The uniform Price is 2s. per Pint Bottle; or in Stone Jars at 10s. per Gallon.

## SOLE MANUFACTURERS:

**The Sanitas Company, Limited,**

**LETCHFORD'S BUILDINGS, THREE COLT LANE, BETHNAL GREEN, LONDON, E.**

out the standing of the patients beyond their bare word; the surplus receipts divided amongst the medical men amount to over £120 each on the average, and they also personally collect in the neighbouring churches and chapels, and receive from a public fund an additional sum.

If a large number of self-qualified patients are treated for next to nothing by one set of medical men, must not the other neighbouring practitioners suffer? Is this fair or right? As regards private dispensaries; in the interests of the public and of the medical profession they should be suppressed on the following grounds.

1. Because the payments (often 1s. weekly during illness only) are, on the face of it, quite inadequate, and hence directly tend to inefficient treatment. In proof of this I may mention: *a.* A case of puerperal fever where the "doctor" refused to give quinine, as "Too expensive a drug to pay." *b.* A case of diphtheria recently under my observation, where the room was destitute of the barest necessities, while the patient had been left without any attention beyond what a half-witted mother could give. The atmosphere was foul beyond description.

2. On account of the gross ignorance, incapacity, and carelessness of the "medical men" in charge. From many instances I quote the following: *a.* I was called to see a young primipara, whom I found in a state of the greatest alarm, as she was told she had been seventy-two hours in labour. The "doctor" being equally frightened. The membranes had not even been ruptured. The cord was tied so carelessly that the child died in the night from hæmorrhage. *b.* A strangulated hernia poulticed and treated as a bubo. *c.* A typical case of pneumonia where the patient's friends were told he had intestinal obstruction, though the bowels had recently been moved. Two dispensary men saw this patient together, with the above diagnosis.

3. The well known fact that the dispensary men keep their patient's paying by exaggerating their maladies. I saw a patient to-day who was recently informed that she had a tumour in the stomach, and that if she was not pregnant, it contained "Blood and matter." She is suffering from subacute uterine catarrh, and has no tumour whatsoever.

Is it not time that the medical profession—or in its absence the public—should take some steps to prevent such prostitution of its powers? From another point of view, does not each patient who going to hospital pays nothing, or an inadequate something really pauperise himself?

#### PAYING HOSPITAL PATIENTS.

A VICTIM writes: May I be allowed to suggest that the present time (when the public are being asked to contribute to the numerous hospitals and dispensaries in London) would be a suitable opportunity to ask them also to contribute to the scores of struggling metropolitan practitioners who are being driven into the Bankruptcy Court by the encroachment of these institutions on their private patients. Many of the hospitals now charge each out-patient a small fee—3d. or 6d.—thus competing with the hundreds of so-called private dispensaries which are cropping up in all parts of London and its environs; the result being that medical men daily find their patients going to the hospital and paying their 3d. rather than pay his modest fee of 2s. or 2s. 6d.

If hospitals are in debt why do they not restrict their relief to the necessitous poor, and not relieve those who are well able to pay for what they require? If there is to be a hospital fund, there should also be a bankrupt practitioners' fund.

#### A CASE OF DISTRESS.

MR. JOHN M. BRIGHT (Forest Hill, S.E.) writes: Will you kindly allow me to acknowledge the following donations towards the relief of the case of distress, which have been received since May 24th?

	£ s. d.		£ s. d.
A. M....	5 0 0	Dr. A. Roberts, Kensington...	1 1 0
C. M....	5 0 0	E. B. Tench, Esq., Kensington	1 0 0
Ger. Bux Simla, India	2 2 0	Small amounts	5 8 6

Further donations for the relief of the family, and especially clothes, will be gratefully received by Dr. G. C. Jonson, 16, South Eaton Place, or by myself.

#### THE LUCE FUND.

AMOUNT already subscribed, £83 18s. 6d.; Miss Jacob, £1. Further donations in aid of Mrs. Luce will be gratefully received by Dr. Sheppard, 64, Darning Road, or by Dr. Caton, 31, Rodney Street, Liverpool.

#### ANTISEPTICS IN MIDWIFERY.

MR. R. H. A. HUNTER, M.R.C.S. (Clifton House, Battersea) writes: During the last few years I have at various times noticed letters in the columns of the JOURNAL respecting the use of antiseptics and ergot in midwifery. Perhaps it may interest some of your correspondents to learn that although I have attended over 2,000 cases without a death, I have never employed antiseptics except Condy's fluid, in the proportion of a drachm to a pint of water, when the lochia has been offensive. As regards ergot, I invariably give half an ounce of the liquid extract where ergot is required; when, if the child is not expelled within an hour I deliver with forceps. One point I am very careful about, which is that the placenta and membranes are completely expelled. Whenever I have the slightest doubt, I always thoroughly explore the uterus with the whole hand, and without any antiseptic precautions other than washing with clean water. In my opinion it is on the management of the third stage of labour and not on antiseptics, that success as an accoucheur depends.

#### COMMUNICATIONS, LETTERS, etc., have been received from:

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#### BOOKS, ETC. RECEIVED.

Fever; A Clinical Study. By T. J. MacLagan, M.D. London: J. and A. Churchill. 1888.

The Retrospect of Medicine. Edited by James Braithwaite, M.D. London: Vol. xviii, January—June, 1888. London: Simpkin, Marshall, and Co.

Annual of the Universal Medical Sciences. Edited by C. E. Sajous, M.D., etc. and 70 Associate Editors. Vols. i, ii, iii, iv, v, 1888. Philadelphia and London: F. A. Davis.

Manuel de Matière Médicale. Par R. Blondel. Précédé d'une Preface de M. Dujardin-Beaumetz. Avec 358 Figures dans le Texte. Paris: Octave Doin. 1887.

Formulaire Pratique de Thérapeutique et de Pharmacologie. Par Dujardin-Beaumetz et P. Yvon. Paris: Octave Doin. 1887.

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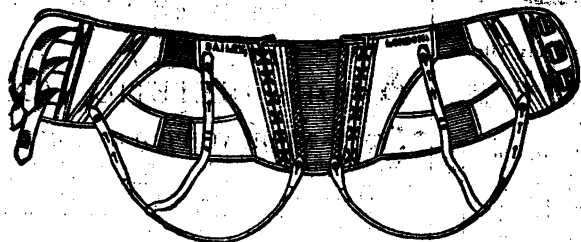
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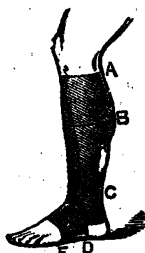
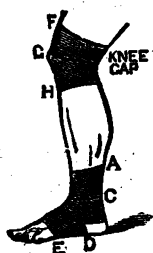


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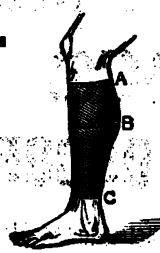


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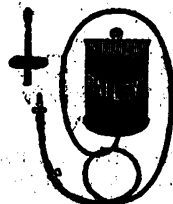
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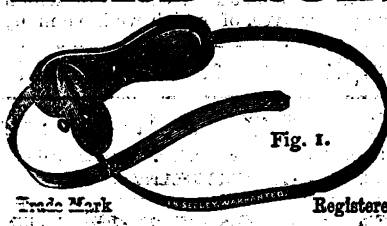
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A most valuable form of administering iron to anemic patients.

The idea of introducing the ingredients of Bland's Pill Mass into capsules originated with us, the principle object being to prevent oxidation of the iron, and so secure its full medicinal value.

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\* Royal Letters Patent having been granted for the process by which the ingredients of Bland's Pills are

prepared, so as to effectually prevent chemical reaction between them until after administration, thus preventing oxidation of the iron, and securing its medicinal properties in its entirety; any person adopting the same process for the purpose of introducing into capsules or making into pills, subject themselves to injunction by the Court of Chancery and become liable in damages.

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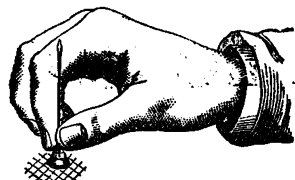
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This instrument is worked by means of a small primary battery, which is easily carried; and can also be used for faradization, cauterization, and electrolysis, and when exhausted recharged, if returned to us for that purpose.

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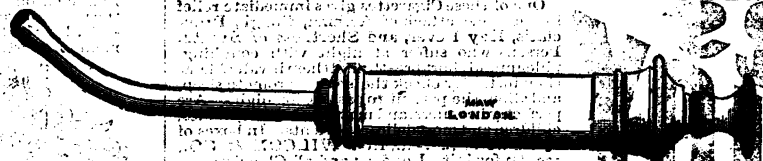
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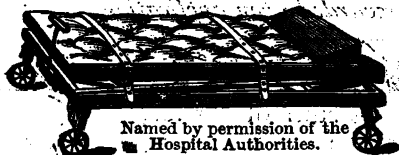
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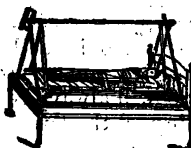
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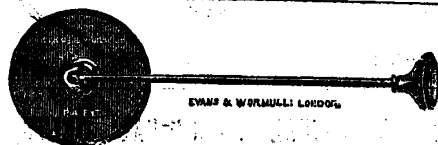
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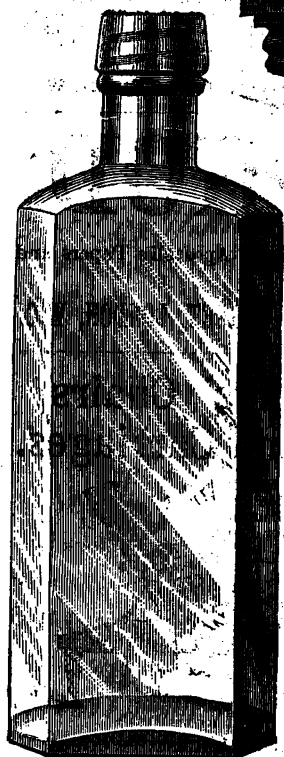
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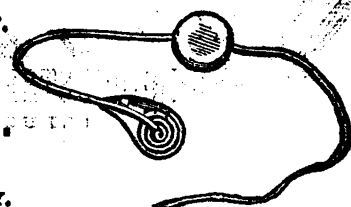
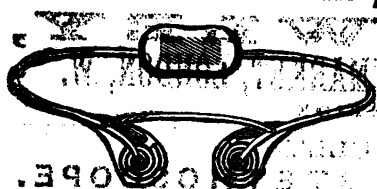
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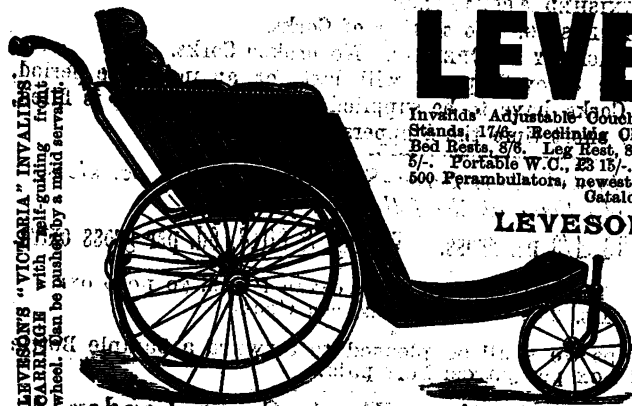
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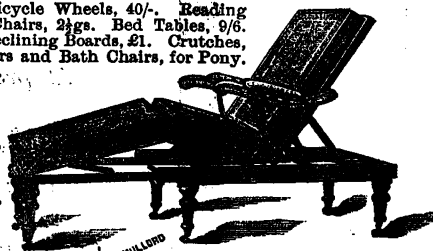
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SPECIAL QUOTATIONS FOR QUANTITIES.

MAY BE OBTAINED THROUGH ANY BEDSTEAD DEALER.

The bottom of this Bedstead is not tinned or galvanized soft iron wire with no temper, but best coppered steel spring wire, finely tempered and tested.



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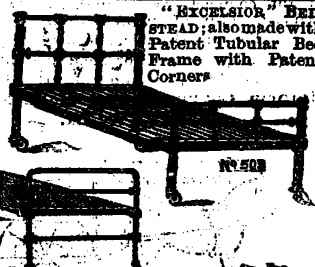
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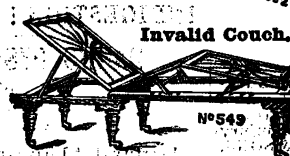
Bed Rest.



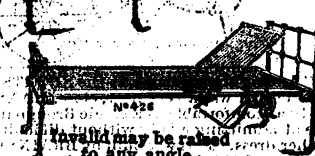
TRADE MARK.



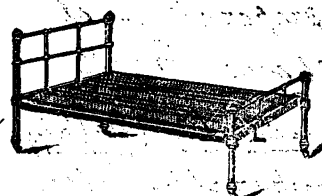
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to any angle.



Design No. 308.

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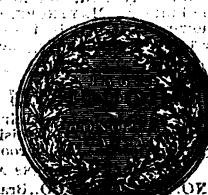
Orthopaedic, Anatomical, and Gymnastic Mechanist,

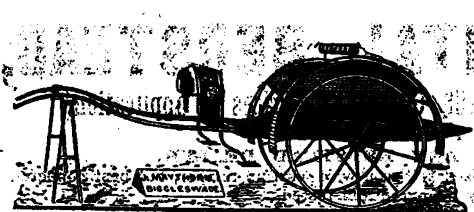
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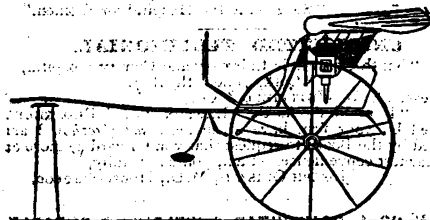


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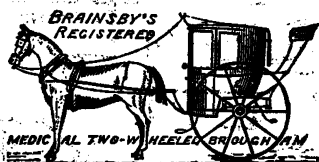
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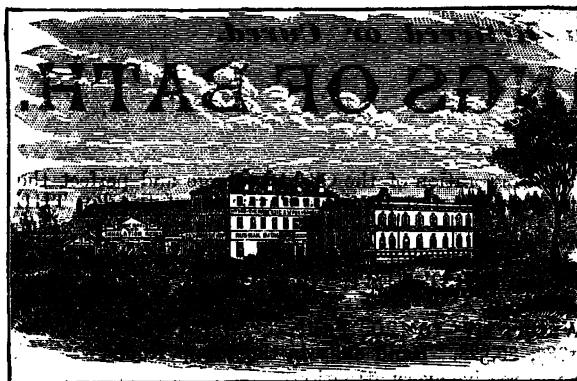
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A few separate rooms for patients able to pay for their own support, are set aside in the above Home, which is beautifully situated in ornamental grounds. Terms on application.—Apply to T. BOND, Secretary.

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BURGH.—A HOSPITAL for the INSANE, and a HOME for MENTAL and NERVOUS INVALIDS. Chairman of the Board of Directors: The RIGHT HONORABLE SIR THOMAS CLARK, Bart., Lord Provost of the City of Edinburgh.

Mavisbank House is about six miles from Edinburgh, in the beautiful neighbourhood of Roslin. It is a comfortably furnished old Mansion, containing large and handsome Dining and Drawing rooms, Billiard Room, Library, Conservatory, and Private Parlours. The Estate is upwards of 120 acres in extent with Stabling, large Flower and Fruit Gardens, Hot-houses, and Vinerias.

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Mavisbank House is five minutes' walk from Polton Station, on the North British Railway.

For further information apply to the Resident Medical Superintendent, Dr. KEAY, Mavisbank House, Polton, Midlothian.

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Dumfries, endowed by the late JAMES CRICHTON, Esq., of Friar's Carse, and incorporated by Act of Parliament, as a Hospital for the Insane, and a Home for Mental and Nervous Invalids of the Higher and Middle Classes.

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Beale, E. Clifford, M.D.  
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**LECTURES.**

July 2	Throat Deafness ... ..	Dr. MACDONALD.	July 5	The Relation of the Teeth to the Antrum, Palate & adjoining parts	Mr. MATHESON.
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all classes of practice.—Please address, stating par-  
ticulars, S., Vine Cottage, Regent Road, Yarmouth.**Qualified Assistant (in-door)**Wanted by Practitioner in West of Scotland.  
One with Hospital and Midwifery experience pre-  
ferred. Salary £80 with board and lodging.—Apply,  
stating age, height, experience, &c., to Health,  
BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.**Assistant or Partnership with**Succession in a Country Practice wanted  
by a doubly qualified experienced Gentleman, 33  
years of age, and married. References exchanged.  
—Address, STEVENS, 1, Spinner's Walk, Windsor.**A thoroughly experienced**Gentleman (qualified), at present in charge  
of a Practice, will be Disengaged in a few days.  
Superior references. Terms very moderate.—  
Address, Boaz, Lingfield House, Winton, near  
Bournemouth, Hants.**An experienced Gentleman,**single, aged 40, is open to an engagement as  
out-door GENERAL ASSISTANT. Steady, active,  
and well received by patients. Good accoucheur.  
Sine diploma.—Address, W. O., care of Dr. H.  
COOPER, Thurlow House, Hampstead, N.W.**Dispenser, &c.—A Gentleman,**27 years of age, with full curriculum, desires  
a Re-engagement. Has only a part of final to pass,  
and has had some experience in Private Practice.  
Good references.—Address, Trim, BRITISH MEDICAL  
JOURNAL Office, 429, Strand, W.C.**Locum Tenens.—Highly quali-**fied gentleman on whom every reliance can be  
placed, is willing to act as above during July. A  
Public Institution not objected to. Usual terms.—  
Address, Oriet, BRITISH MEDICAL JOURNAL Office,  
429, Strand, W.C.**Locum Tenens.—Gentleman**with registered Medical qualification would  
like Engagement as such during the next three  
months. Aged 28. Well up in all branches of work  
and well received. Good references. Can drive.  
—Address, L. T., BRITISH MEDICAL JOURNAL Office,  
429, Strand, W.C.**Locum Tenency.—Required**by a qualified and registered gentleman, age  
26.—Address, F. B., 182, Manchester Road, Denton.**As Locum Tenens.—A quali-**fied and registered Gentleman, age 33, desires  
a Re-engagement. Accustomed to General Practice  
and Midwifery. References to present principal  
will be found satisfactory. Disengaged 14th July.  
Usual terms.—Address, Merlin, BRITISH MEDICAL  
JOURNAL Office, 429, Strand, W.C.**An educated and well quali-**fied General Practitioner, of mature age and  
experience, would take charge of a country or seaside  
Practice for a few weeks by way of change. Easy  
terms. Wife, nurse and two children would accom-  
pany. Englishman and householder.—Doctor,  
11, Avonmore Road, Kensington, London, W.**As Dispenser and Bookkeeper**to a Surgeon, in the country; age 30; quali-  
fied as Dispenser at Apothecaries' Hall. Good refer-  
ences, &c.—Address, J. HOWE, High Street, Newport,  
Salop.**As Attendant to elderly or**Invalid Gentleman. Age 29. Experienced.  
Two private cases, two institutions. Highest Testi-  
monials.—J. J. MORRIS, 59, Delph, Brierley Hill,  
Staffordshire.**To Ship Surgeons.—Medical**Man, wanting a holiday, would do duty for a  
Ship's Surgeon going on one or two months'  
voyages. Canada or States would do. Exchanger  
might have all the pay, as money is no object to  
advertiser.—Address, Holiday, BRITISH MEDICAL  
JOURNAL Office, 429, Strand, W.C.**Situation wanted, by a young**man, as ATTENDANT to an invalid gentle-  
man. Can be highly recommended by a doctor.  
Single, age 30. Seven years' personal character.—  
A.B., 27, Kensington Place, Notting Hill Gate,  
London, W.**Wanted, Country Practice,**£700 to £1,000, unopposed. Climate must  
be very dry and bracing, and Practice bear strict  
investigation.—Address, J. J., BRITISH MEDICAL  
JOURNAL Office, 429, Strand, W.C.**Wanted, by a married man,**a small PRACTICE, with prospect of in-  
crease, in a pleasant district; neighbourhood of  
Liverpool or Manchester preferred.—Address, S.,  
care of Mr. WM. BLEASDALE, Colliergate, York.

**Isle of Man.—A Practice for**

Sale, in a rising health-resort town. Plenty of room for increase; very little opposition. Established eight years. Sufficient introduction.—Apply, Manx Practice, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Small Practice for Sale, price**

£30. Did about £100 last twelve months. Northern Suburb. Corner house, seen for a good distance in four directions. Great scope for increase.—Address, S. M. S., BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Manchester, suburb (continu-**

ous with city).—PARTNER with complete succession in two years, required by a man 42; in practice seventeen years. Receipts average about £700. No clubs. Midwifery a guinea upwards. Corner house, specially constructed to suit the work. Stabling attached. Fifteen years lease to run, rent £75. University man, not married, preferred. Money required at outset £500. Agents will not be answered.—Address, Sylvia, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Practice of £700 to £1,000 a**

year, or PARTNERSHIP required in a pleasant semi-rural neighbourhood by a L.R.C.P. Lond., &c., aged 45. Married and with good credentials. Southern Counties preferred. A preliminary meeting could be arranged at the office of the BRITISH MEDICAL JOURNAL. No agents.—Address, Surgeon, care of Vicar, St. James's Vicarage, Upper Edmonton.

**Country Practice for Sale in**

one of the most picturesque parts of North Wales. Good society. Income £500; opposition slight.—Apply, B., BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

**Asylum Partner Wanted in**

an old established Private Institution, within three hours of town; must have had experience, and be of good standing in his profession.—Address Proprietor, care of Mr. JOHN S. CARTER, Solicitor, 124, Chancery Lane, W.C.

**A Medical Practitioner with**

an extensive Practice in a desirable neighbourhood requires a PARTNER and Successor.—Address, No. 180, KEITH & Co., Advertising Agents, Edinburgh.

**Good opening for Practice,**

Premium £50, including fixtures. Rent 80 guineas. The house is situated near Maida Vale, in an excellent neighbourhood for general medical practice, and has been occupied as a Doctor's house since 1877. Vacant at Midsummer.—Apply, R. BURN & SONS, 10, Bishop's Road, W.

**Pembrokeshire.—For imme-**

diately Disposal, owing to death, an established Private PRACTICE, worth about £800 per annum, including two profitable resident patients, with light work. An early applicant will have the opportunity of becoming a candidate for a public appointment worth £120 per annum, in addition to the foregoing. There is a commodious, modern Freehold Residence, with all the necessary offices and conveniences for a Medical Practice, standing in its own grounds with four acres of land attached, all of which can be rented or purchased. Practice capable of extension. Terms moderate.—Apply to MORTIMER D. PROPERT, LL.B., Solicitor, Haverfordwest.

**Derbyshire General Infirmary.**

There is a vacancy for a RESIDENT ASSISTANT HOUSE-SURGEON in this Infirmary (175 beds). Candidates must possess a qualification.

Appointment tenable for six months. Candidates will be eligible for re-election.

Board and Washing. No salary, but a bonus of £10 is given.

Applications, with testimonials, to be sent to the House-Surgeon, not later than July 7th, 1888. The duties will commence on the 20th July.

J. ACTON SOUTHERN, House Surgeon.

**Near Manchester.—Good**

PRACTICE for Sale, within six miles of Manchester. Returns over £700. Established six years. Splendid house. First-class opportunity for one with capital.—J. D. WORMALD, 28, Guardian Buildings, Cross Street, Manchester.

**Bristol General Hospital.**

A Special General Board of the Governors of the Institution will be held at the Hospital on Wednesday, July 25th, for the purpose of Electing an ASSISTANT-SURGEON, in the room of Mr. W. J. Penny, resigned. The Chair will be taken at one o'clock p.m., precisely.

By order of the Committee,  
June 22, 1888. W. THWAITES, Secretary.

Proofs of the qualifications of the Candidates must be sent in to the Secretary not later than noon on the 20th July.

By Section 6, Rule 2.—It is provided that no person be eligible to the office of Assistant-Surgeon unless he exhibit to the Committee satisfactory proof of being a Fellow or Member of the Royal College of Surgeons of England; or a Graduate in Surgery of a University of Great Britain or Ireland, and if he be not a Fellow of the Royal College of Surgeons of England, he shall give an undertaking in writing that he will become a Fellow of the said College within twelve months of his election, and that if he fail to obtain the said diploma within the stipulated period, he will forthwith resign his appointment.

By Section 6, Rule 5.—It is provided that each Physician, Surgeon, Physician-Accoucheur, Assistant-Physician, or Assistant-Surgeon, shall be elected for the limited period of ten years, but he shall be eligible for re-election.

Governors may vote by proxy upon sending notice to the Secretary of such intention four days previous to the day of Election, naming the Governor who holds the proxy. In the event of a contest the Election will be by Ballot.

**PERSONS ENTITLED TO VOTE.**

Section 1, Rule 5.—Clergymen and ministers who have obtained donations of £5 5s. and upwards in the current year.

Section 1, Rule 6.—Life Governors who have contributed £31 10s. and upwards in one donation.

Section 1, Rule 7.—Governors who are subscribers of £2 2s. and upwards for the year 1887, and whose subscription for the current year shall have been paid at the time of meeting.

**Worcester General Infirmary.**

The office of HOUSE SURGEON will be vacant in September. Gentlemen intending to offer themselves as candidates, must send their testimonials, with certificates of their qualifications, addressed to the Secretary not later than the 9th July.

Candidates must possess a Medical and a Surgical qualification, and be registered under the Medical Act, and they must produce satisfactory testimonials of moral character. Salary £100 per annum, with board and residence.

A personal canvass of members of the Committee is prohibited.

By order of the Executive Committee,  
WILLIAM STALLARD,  
Worcester Chambers, Secretary.  
Pierpoint Street, Worcester.  
18th June, 1888.

**East Suffolk and Ipswich HOSPITAL.**

A HOUSE SURGEON is required for this Institution. He must be a single man, qualified both in Medicine and Surgery and a registered Medical Practitioner according to the provisions of the Medical Act. The election is vested in the Board of Management and Medical Staff. This office is held subject to annual re-election. Applications, with testimonials, must be received by the Secretary on or before Tuesday, July 10th, 1888.

The salary is £50 per annum, with board, lodging and washing. Selected candidates will be communicated with and required to attend at the election on July 25th at 2 o'clock.

T. EDGAR MAYHEW,  
Post Office Chambers, Ipswich. Secretary.  
June 20th, 1888.

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

A second vacancy in the office of ASSISTANT PHYSICIAN having occurred by the resignation of Dr. Samuel West, candidates are invited to send their applications, with testimonials, to the Secretary, at the office, 24, Finsbury Circus, not later than July 12th.

Candidates must be Fellows or Members of the Royal College of Physicians of London.

T. STORRAR-SMITH, Secretary.

21st June, 1888.

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

Applications with testimonials for the office of RESIDENT CLINICAL ASSISTANT are invited to be sent to the Secretary, at the office, 24, Finsbury Circus, E.C., not later than 12th July.

The appointment will be for a period of six months, commencing 1st October, 1888.

Candidates must be qualified.

T. STORRAR-SMITH, Secretary.

21st June, 1888.

**City of London Hospital for DISEASES of THE CHEST, Victoria Park, E.**

A vacancy having occurred in the office of PATHOLOGIST, by the promotion of Dr. Sidney Martin, as Assistant Physician, applications, with testimonials, from gentlemen desirous of becoming candidates for this appointment are invited to be sent to the Secretary at the office, 24, Finsbury Circus, E.C., not later than July 12th.

Candidates must be registered and not engaged in General Practice. Salary 100 guineas per annum. Duties to commence on 1st October next. Information as to duties, &c., can be obtained on application by letter to the Secretary, or personally at the office any day between 12 and 2 o'clock.

T. STORRAR-SMITH,

Secretary.

21st June, 1888.

**North Staffordshire Infirmary,**

(With Special Department for Treatment of Diseases of the Eye), Hartshill, Stoke-upon-Trent.—Wanted at the above Institution, containing over 200 beds, an ASSISTANT HOUSE SURGEON, for a period of six months. Board, apartments and washing, to be considered an equivalent to services rendered.—Particulars on application to

R. HORDLEY,

Secretary and House Steward.

**Medico-Psychological Association.**

The 47th ANNUAL GENERAL MEETING will be held on Monday, August 6th, 1888, in the Hall of the College of Physicians, Edinburgh, under the Presidency of T. S. CLOUSTON, M.D.

The Examinations for the Certificate in Psychological Medicine will be held in Dublin on July 12th, 1888; at the Royal Asylum, Edinburgh, on July 18th and 19th; at Bethlem Hospital, London, on 23rd and 24th. The Honours Examination (Gaskell Prize) being held on July 24th, after the completion of the Pass examination. Intending candidates should signify their intention two weeks prior to the examination, to Dr. RAYNER, Hanwell, W.; or Dr. CONOLLY NORMAN, Dublin; or to Dr. URQUHART, Perth.

**Kent County Lunatic Asylum,**

Barming Heath, near Maidstone.

A THIRD ASSISTANT MEDICAL OFFICER wanted in the above Asylum; salary £120 per annum, with furnished quarters, attendance, fuel, lighting, milk, garden produce, and washing. The Medical Staff consists of a Superintendent and three Assistant Medical Officers.

Applications with testimonials, stating age, religious persuasion, and professional qualifications, to be sent to the undersigned, so that they may be received on or before 7th July next. Applicants must be unmarried. No canvassing of any sort whatever allowed.

FRANCIS R. HOWLETT.

Clerk to Committee of Visitors.

9, King Street, Maidstone,

22nd June, 1888.



## Doncaster General Infirmary AND DISPENSARY.

In consequence of the resignation of the House Surgeon, there is a VACANCY for the appointment. About 200 in-patients and 2,000 out-patients treated annually; those unable to attend at the Institution are visited in their homes by the House Surgeon. A pupil resides at the Infirmary, and does the dispensing under the supervision of the House Surgeon. Candidates must be unmarried, and qualified to act in Medicine and Surgery, and duly registered under the Medical Act. Salary £100 per annum, with board and residence in the house. Preference will be given to a candidate undertaking to remain two years. Applications with testimonials to be sent to the undersigned not later than July 5th. The duties commence immediately after the election, which will probably take place during the second week in July. No canvassing allowed.

By order of the Committee.

June 20th, 1888.

WM. CLARK,  
Hon. Sec.

## University College, Dundee.

CHAIR OF ANATOMY.

The Council are shortly to proceed to the election of a PROFESSOR OF ANATOMY.

The salary is fixed at £350 per annum, with two-thirds of the Fees, and the Council will pay the working expenses of the Chair for at least the first four years.

All information as to the conditions of the appointment may be obtained from the Secretaries, Messrs. SHIELL & SMALL, 5, Bank Street, Dundee, with whom applications, accompanied by 25 printed copies of testimonials, should be lodged on or before Wednesday, 1st August, 1888.

## The Middlesex Hospital, W.

By the resignation of Dr. Robert Liveing, Physician for Skin Diseases to this Hospital (Out Patient Department), a vacancy is hereby declared.

Candidates must be either Fellows or Members of the Royal College of Physicians of London, or Fellows of the Royal College of Surgeons of England.

Applications and Testimonials to be sent in addressed to the Secretary-Superintendent on or before Monday, the 16th July.

By Order of the Weekly Board,  
F. CLARE MELHADO,  
Secretary-Superintendent.

26th June, 1888.

## General Infirmary, Northampton.

A Special Court of Governors of this Infirmary will be held on Saturday the 14th day of July next, at Twelve o'clock, to appoint an ASSISTANT HOUSE SURGEON. Candidates must be Members of the Royal College of Surgeons of England, and Licentiate of the Royal College of Physicians, or of the Apothecaries' Company, London, not under twenty-three years of age, and unmarried. The salary will be £80 per annum, with furnished apartments, board, attendance, and washing. The gentleman elected will be expected to enter upon the duties of his office on July 21st, and to give one month's notice of resignation. Applications, with testimonials and a statement of diplomas, to be sent to the Secretary on or before Monday, the 9th of July. The original diplomas must be produced by candidates on the day of election.

June 26, 1888. S. P. BENNETT, Secretary.

## Western General Dispensary, MARYLEBONE ROAD, N.W.

A Vacancy has occurred in the office of one of the HONORARY SURGEONSHIPS of this Charity. Gentlemen seeking the appointment must be Fellows or Members of the Royal College of Surgeons of England, and duly registered.

Applications and testimonials to be forwarded to the Secretary on or before July 2, at 8 p.m., when the Medical Committee will meet to examine candidates presenting themselves for the vacant office. The gentleman elected will be required to attend the Dispensary two days weekly, and to visit at their own homes the severe cases of disease under his professional care. The election will take place on the following Monday at 8 p.m. by the Board of Directors.

By Order.

## Plymouth Public Dispensary.

NOTICE.

The Committee intend to make an appointment (subject to subsequent confirmation by the Court of Governors and to removal at pleasure) of a Medical Practitioner to the office of PHYSICIAN'S ASSISTANT on a vacancy. Salary £20 per annum. The election will be for a term of one year. At the end of that term there will be a fresh election, at which the gentleman now to be elected will be eligible for re-election; but at the end of six years he will be ineligible for re-election.

Candidates (who must be registered practitioners) possessing a medical and surgical qualification, and not holding a Poor Law appointment, are requested to send their diplomas or other qualifications and testimonials to the Honorary Secretary before Tuesday, the 17th day of July next. The election will take place on the following day.

Information as to the duties of the office may be obtained of the Senior Physician, Dr. William H. Pearce, 1, Alfred Place, Plymouth; or of the Honorary Secretary.

W. H. PRANCE, Hon. Sec.,

7, Athenæum Terrace, Plymouth.

Dated 25th June, 1888.

## The Hospital for Women, Soho Square, London, W.

A Vacancy is hereby declared for a HOUSE PHYSICIAN. He must have recognised Medical and Surgical qualifications. Salary £75 per annum, with board, &c. Residence on 15th September. Applications with copies of testimonials to be forwarded on or before 10th July to the undersigned, DAVID CANNON, Secretary.

## University College, London.

The office of SURGICAL REGISTRAR will shortly be vacant. Applications will be received up to July 11th.

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

## Worcester General Infirmary.

A MATRON is required for this hospital. Her duties will include the control of the whole of the household, and the management of the kitchen and laundry, as well as of the nursing. She must have had full training in a hospital of repute, and experience in hospital administration. Salary £80 per annum, with board and residence. Applications with testimonials must be delivered to the Secretary by the 2nd July.

The selected candidate will probably be required to enter upon her duties immediately after the 16th July.

A personal canvass of the members of the Committee is prohibited.

By order of the Executive Committee,  
WILLIAM STALLARD,  
Secretary

Worcester Chambers,  
Pierpoint Street, Worcester.

18th June, 1888.

## Warneford Hospital and NURSING INSTITUTION, Leamington Spa.

Wanted, for the above Institution, a MATRON. She must be able to keep accurate accounts, to superintend the nursing and cooking departments, and to manage the general affairs incident to such appointment.

Salary, £80 per annum, with board, apartments, and washing.

Applications, stating age and testimonials, to be sent, under sealed cover, to the Secretary, at the Warneford Hospital, Leamington Spa, on or before Tuesday, the 17th of July, 1888.

By order of the Committee.

WILLIAM MAYCOCK, Secretary.

June 25th, 1888.

## Wanted, steady, quiet person,

as useful ATTENDANT to invalid lady, helpless with rheumatism. Must be strong, patient, orderly. State age; what accustomed to. —T. BRYNMELYN, Great Malvern, Worcestershire.

## Salop Infirmary.—120 Beds.

Wanted, a LADY SUPERINTENDENT to take entire charge of the Nursing Staff and Nurses' Home in connection with the Infirmary, and the general management of the Infirmary, with the aid of an efficient Housekeeper and Head-Nurse under her control. She must be a lady of superior education, a thoroughly trained Nurse, and competent to train Nurses, and must have had experience in house-keeping. Salary £100 a year. No extra fees. Applications with testimonials and certificates of previous work must be sent to the Chairman, Salop Infirmary, Shrewsbury, not later than July 30th, 1888.

The lady elected will be required to commence her duties on October 1st, 1888.

## Folkestone.—A Lady, hospital

trained Nurse, receives Invalids into her private family. Any non-infectious Surgical or Medical case taken. Weir-Mitchell treatment. Massage. References to Physicians and Clergy. Terms on application.—Address, L. F., 32, Castle Hill Avenue, Folkestone.

## The London Association of

NURSES. Chief Office—123, New Bond Street, W. Branch Office—36, Kennington Park Road. Telegraphic Address—Firth's Association, London.—Supplies superior Hospital Trained Monthly, Mental, Medical, Surgical, Fever, and Small-pox Nurses; also Male Attendants and Medical Rubbers. In connection with the Association of Nurses there are "Home Hospitals," where patients can be received under the care of their own Physicians, each patient being provided with a separate room.

## Matron.—Wanted, by the

Committee of the Gateshead Children's Hospital, a Lady as MATRON, subject to the House Committee, to have active management of the domestic arrangements and nursing. Must be qualified to train probationers and give lessons in practical nursing. Salary £35 per annum.—Applications, stating age and full particulars, with copies only of recent testimonials, to be sent not later than 4th July to Mr. T. LUMSDEN, Hon. Secretary, 12 West Street, Gateshead.

## Wanted, by a young person,

age 29, a Situation or Place of Trust. Light duties not objected to. Can use type-writer, and is willing to learn the fitting of instruments, &c. All information.—H. K. S., Ely House, Charterhouse Street, E.C.

## To Invalids.—A trained Nurse

(medical, surgical and monthly) wishes to let a handsome drawing room and dining room, with one or two bedrooms, and to give personal attendance. Highest references. Terms moderate.—Apply E. A., 17, Waterloo Place, Southampton.

## A Lady can be received for

her Accouchement in the home of a Medical Gentleman, whose daughter is a certificated trained Nurse, living in Kensington. All home comforts guaranteed, with every attention and skill. Terms according to requirements.—Address, Veritas, BRITISH MEDICAL JOURNAL Office, 429, Strand, W.C.

## As Housekeeper to a single

professional gentleman, or the care of his Office or Chambers, by a highly respectable person; long character and highest references; town only.—S. D., 8, Vere Street, Cavendish Square, W.

## The Middlesex Hospital TRAINED NURSES INSTITUTE.

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

## General Lying-in Hospital,

York Road, Lambeth.—Respectable WET NURSES and Certificated MONTHLY NURSES, also Certificated MIDWIVES supplied on application. Female Pupils are trained in Midwifery and Monthly Nursing. A. ATKINSON, Matron.



## MR. D. E. WILSON, 96, 97, 98a, WIMPOLE STREET

Cavendish Square, London, W.  
Institution for supplying  
the Medical Profession and the Public with  
**HOSPITAL TRAINED**

## NURSES

For Medical, Surgical, Monthly, Mental, Dipso-  
mania, Fever Cases, etc.

The nature of the case and sex should be described  
personally, or by letter or telegram, to Mr. WILSON  
or to the Lady Superintendent.

The largest and most experienced staff of Nurses  
in London.

Female and Male Nurses especially adapted for  
accompanying Ladies, Gentlemen, or Children to  
the Seaside or abroad.

Also **HOSPITAL TRAINED**

## MALE ATTENDANTS.

Respectable and experienced men for all cases.  
Established 1867. 41,000 families have been  
provided by Mr. Wilson with his own resident nurses,  
recommended by the most eminent of the Medical  
Profession, continually nursing under their instruc-  
tions, guarantees of Efficiency and Respectability.

## General Nursing Institute

FOR  
TRAINED HOSPITAL NURSES.  
5 and 4, Henrietta Street, Covent Garden, W.C.  
Established 1862. Solely under Medical Direction.  
Applications to the Secretary or Lady Superintendent,  
Telegraphic Address—"Nursing Institute, London."

## Massage and Electricity.

Attendance at Ladies' own residences. Doctors  
references.

Miss PARSONS,  
36, Beaumont Street, Portland Place, W.

## LEEDS TRAINED NURSES'

INSTITUTION  
FOR TRAINED NURSES, MEDICAL,  
SURGICAL, MONTHLY, AND MEDICAL  
RUBBERS.  
Apply to the Superintendent, 21, Hyde Terrace, Leeds.

## TRAINED MALE NURSES.

The HAMILTON ASSOCIATION sup-  
plies Trained Male Nurses for Medical, Sur-  
gical, and Mental Cases in town or country.  
Terms, from ONE to THREE Guineas per  
week, according to the severity of the case  
and the experience of the nurse supplied.  
Also skilled Masseurs by day or hour. Last  
Annual Report, Rules, etc., post free on ap-  
plication to the Medical Superintendent,  
69, South Audley Street, London, W.

## North London or University COLLEGE HOSPITAL.

In consequence of alterations and repairs this  
Hospital will be CLOSED from Saturday, 21st July,  
to Sunday, 28th August, inclusive.  
NEWTON H. NIXON, Secretary.

## Great Bargain, £30.—Corner

HOUSE and SHOP in populous neighbour-  
hood, consisting of completely fitted Dispensary,  
waiting room, consulting bath (hot and cold), and  
six other rooms. Rent £38. Good stock of drugs,  
and furnished ready for Medical Man. Will be sold  
for price of fittings and fixtures only.—BORROW &  
PEGRAM, opposite District Railway Station, Walham  
Green.

## Dispensary to Let as a Going

Concern. No premium.—Apply on the pre-  
mises, 91, Harrow Road, Paddington Green, W.

## Mr. Percival Turner

(Son of a well-known Practitioner).  
4, Adam Street, Adelphi, London, W.C.  
(close to The Lancet Office).

## Practitioners seeking Partners

or Successors can be immediately introduced to  
suitable candidates by Mr. Turner, he having  
always very many more purchasers than vendors  
on his books, thereby enabling him to carry out  
the arrangements, if desired, without the delay  
and publicity of advertising.

**PURCHASERS** supplied with details of Practices  
for Disposal free of charge on application.

**LOCUM TENENS or ASSISTANTS** free of  
expense to Principal. Only those known to be  
reliable introduced.

**BOOK-KEEPING, DEBT COLLECTING,  
ARBITRATIONS, INVESTIGATIONS  
of PRACTICES for Purchasers, etc.**  
Telegraphic address: "EPSOMIAN, London."

## Wanted, in Llandudno, Col-

wyn Bay, Penmaenmawr, Llanfairfechan,  
or neighbouring districts, a PRACTICE or Partner-  
ship or Suitable Opening, by an experienced, active  
Gentleman. Information will be received in con-  
fidence by Mr. PERCIVAL TURNER, 4, Adam Street,  
Adelphi, London, W.C.

## BIRMINGHAM MEDICAL AGENCY.

**LEE & MARTIN,  
LINGOLN'S INN, CORPORATION STREET.**  
Practices of £400 and upwards

can find ready purchasers through the Agency, LEE  
& MARTIN having many clients desiring such.  
**PURCHASERS:** List of Practices for Disposal, free.  
**LOCUM TENENS & ASSISTANTS** at short notice.  
Telegraphic "Locum," Birmingham.

## Consulting Rooms in Finsbury

Square on the GROUND FLOOR to be Let,  
furnished or unfurnished; handsomely decorated  
with large conservatory and convenient offices en  
suite.—Address, G. N., at SHELLEY & Co.'s Adver-  
tising Offices, 5, Leadenhall Street, E.C.

## Consulting Rooms for Physi-

cian or Surgeon.—Large DRAWING ROOM  
FLOOR, well furnished; 2 rooms communicating in  
private house. Prominent position, W.C. district.  
Rent moderate.—Apply by letter, J. C. care of  
HANCOCK, Chemist, 128, Fleet Street, E.C.

## HAGUE'S CLINICAL THERMOMETERS.

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