

Six other Members of Council :

Metropolitan—Mr. MAYO COLLIER ; Dr. ORWIN ; Mr. HOVELL ; Dr. WOLFENDEN. Two Extra Metropolitan—Dr. J. DAVISON, Bournemouth ; Dr. BARCLAY BARON, Clifton.

Secretary : Dr. GEORGE STOKER.

The meeting then terminated.

NEW PREPARATIONS.

The Adhesive Electrode.

THIS very ingenious invention is destined to supplant entirely the somewhat defective and often cumbrous electrodes now in general use. No metallic plates, wash leather, or sponges are necessary, with all their disadvantages, these special electrodes being manufactured of some kind of composition which renders them pliable and elastic, besides being exceedingly clean. They adhere to the surface of the skin, and conduct a very even current. Their internal resistance, after experiment, is proved to be very much less than that of electrodes now in use. They can be made of any size, even so as to entirely supplant the cumbersome clay electrodes employed in abdominal electricity. With strong currents even, no blistering of the surface results. There is no doubt that these electrodes fill a much felt want in electro-therapeutics, and their great value has already been recognized by eminent physiologists and electricians in this country. We believe that they are obtained in standard sizes, so that uniformity of experiments may be secured. They are cheap, and decidedly preferable to any other kind of electrode. They can be obtained from H. Nehmer and Co., 40, Berners Street, London.

NOTE.

THE Editors trust that the detailed Table of Contents, started this month, and to be continued in future, will be of value to those desirous of looking up abstracts or other papers in the unbound numbers of the Journal for the current year.

SOCIETY FOR RELIEF OF PERSECUTED JEWS

SYRIAN COLONIZATION FUND.

Thousands of Destitute Jews leaving South Russia "for Palestine in utter despair, not knowing whither to go."—*Times*.

Let us give them grants in aid, as approved by Lord Shaftesbury, in token of

CHRISTIAN SYMPATHY,

to enable them to settle as agriculturists.

Thousands more come northwards. The cry is no room for them in England. Then let us send them elsewhere. Many would find room and scope in Palestine and Turkey.

LARGE FUNDS URGENTLY NEEDED AT ONCE.

Bankers: Messrs. Drummond & Co., 49, Charing Cross, S.W.; Messrs. Barclay, Bevan & Co., 54, Lombard Street, E.C.; Royal Bank of Scotland, Bishopsgate Street; Bank of England.

E. A. FINN,

Secretary.

41, PARLIAMENT STREET, S.W.

SPECIAL CATALOGUE 1890
OF
INSTRUMENTS FOR THE THROAT, THE NOSE, AND THE EARS

Will be sent free to Physicians on application to

H. PFAU,

**HOEFERANT, MANUFACTURER OF CHIRURGICAL APPLIANCES AND TRUSSES,
67, Dorotheenstr. and 30, Klosterstr., BERLIN.**

BULLOCK'S

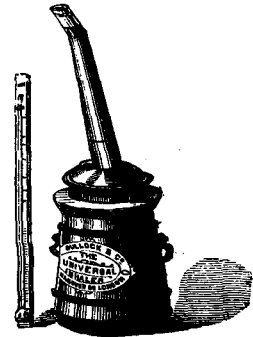
ESSENTIALS OF COCAINE ($\frac{1}{20}$, $\frac{1}{10}$, $\frac{1}{5}$, $\frac{1}{2}$, and $\frac{1}{4}$ grain). Belladonna Iodoform, Bismuth, Bismuth and Morphia, Codeine, Iodol, &c.
NASAL BOUGIES. Iodoform, Bismuth, Belladonna, Cocaine, Iodol, &c.
INDICATED WOOLS, for Nasal Use. Iodoform (50%), Iodol Perchloride of Iron, Cubeb, Boric Acid, Opium, Rhatany, Eucalyptus, Menthol, &c.
LENGES, with Black Currant Basis. Rhatany, Kino, Benzoic Acid, Cubeb, Guaiacum, Chlorate of Potash, Eucalyptus, &c.
AURAL OVOIDS (as recommended in the English Translation of Gruber's "Diseases of the Ear"). Morphia, Opium, Aristol, &c.

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Systematic Courses of Instruction, each consisting of twelve Lectures, Clinical and Pathological Demonstrations, etc., are conducted by Members of the Staff. The object of these Courses is to give Actual Instruction in the Diagnosis and Treatment of Diseases of the Throat and Nose, and the Practitioner is allowed the opportunity of handling the Patients himself, under the guidance of Members of the Staff and their Clinical Assistants. The Lectures are free to Students of the Hospital. Fee, £2 2s.

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Street, W., writes:—"PUMILINE is the best Inhalant we have. I prescribe it largely, with
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JELLY-CARNIS

(CAFFYN).

CONCENTRATED BEEF-TEA.

Contains two-thirds (66%) of Caffyn's Liquor Carnis, and possesses all the stimulating substances characteristic of ordinary Beef-Essence and Liebig's Extract of Meat as well as the soluble Albuminoids or nourishing material present in Raw Meat Juice.

OBSERVATIONS ON JELLY-CARNIS (CAFFYN).

In presenting Jelly-Carnis (Caffyn) to the Profession we feel that a few remarks may not be inopportune, in relation to the influence which Gelatine (Glutin) may have upon the digestibility of the preparation, more particularly as there is a wide-spread belief that Gelatine itself is not readily acted upon by the Gastric Juice, and is in itself a body possessing little nutriment.

In order to remove all doubt upon the matter, we have made exhaustive investigations of the subject.

Firstly, is Gelatine digestible?

Professor MICHAEL FOSTER, in discussing the action of Gastric Juice upon nitrogenous substances, more or less allied to proteids, remarks that: "Both prepared Gelatine and the gelatiniferous basis of connective tissue in its natural condition—that is, without being previously heated with water—are by it changed into a substance so far analogous with peptone that the characteristic property of gelatinization is completely lost."

BIKFALER states that Gelatine is converted by the Gastric Juice into a Gelatine-Peptone, readily soluble and diffusible.

This we have confirmed by many experiments with Caffyn's Jelly-Carnis. We found that it was digested not only with the greatest ease and rapidity, but far more quickly than a corresponding quantity of Egg Albumen.

The second point to be answered is, what position does Gelatine occupy as a food stuff?

FOSTER says:—"It is matter of common experience that Gelatine will not supply the place of proteids as a constituent of food; nevertheless, it would appear, as might be expected, that the presence of Gelatine is not without effect. Thus Nitrogenous Equilibrium is established at a lower level of real proteid food when gelatine is added. The gelatine shelters from metabolism some proteid constituents of the body, and the consumption of fat seems also to be severed by the presence of gelatine. It seems that it can take the place of circulating, but not of tissue proteid—i.e., it is unable to take part in the formation of living substances.

According to LANDOIS, Gelatine may, to a certain extent, replace proteids in the food in the proportion of two of gelatine to one of albumen.

An animal cannot live on gelatine alone, but requires less albumen to maintain the equilibrium when gelatine is taken.

It, in fact, acts as an Albumen-sparing substance, and although not directly available for the growth and repair of tissues, from its above-mentioned peculiar property, it forms an important addition to the food of an invalid, since it enables his albuminous income to go farther than it otherwise would, which is of no small value when only small quantities of food can be taken from organic or functional causes.

We, therefore, have to consider three important facts:—Firstly, that Gelatine is not a food-stuff capable of supporting life or replacing Albumen in tissue growth and repair. Secondly, that Gelatine is an Albumen-sparing substance, and it is thought an economical and an addition to Proteid Nutrition. Thirdly, that Gelatine is readily digested.

It must here be emphasized that Jelly-Carnis (Caffyn) differs in a most marked and important way from most so-called meat-jellies, Concentrated Beef-teas, &c., in the market which, consisting as they do simply of a gelatine basis coloured and flavoured with extract of meat, are simply stimulants, and possessing no real nutritive properties are incapable of sustaining life. Jelly-Carnis (Caffyn), on the other hand, contains everything necessary for the maintenance of life, and for covering tissue waste in a form which is easily digested, whilst conforming to every æsthetic requirement.

"The meat used consists of the choicest parts of the hind-quarters of the best bred and fed English or Scotch beef."—LONDON MEDICAL RECORDER.

It is claimed for Caffyn's Jelly-Carnis that it truly represents a highly nourishing, stimulating, and palatable Food and Tonic, easily assimilated, containing Carbon for heat-production and Nitrogenous compounds for the sustenance of the tissues in proper proportions, and quite free from all irritating qualities.

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Laboratories: Smithfield Works, London, E.C.

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