

MISCELLANY

OF

THE TRICHINOPOLY DISTRICT

MEDICAL ASSOCIATION

(REGISTERED)



OCTOBER 1935

For free and private circulation only.

TWO PREPARATIONS OF INCOMPARABLE WORTH

ELIXIR GLYCEROTONE:-

THE GREAT NERVINE TONIC

FOR

Neurasthenia, Loss of Vitality & Nervous Debility,
DUE TO MENTAL STRAIN & EARLY EXCESSES.

This remedy is unsurpassed for all forms of Nervous Weakness:-

RS. 2-8-0 A BOTTLE.

HEMO - HEPALIX:-

Extract of Liver combined with Haemoglobin in
palatable form, for the treatment of ANAEMIA
KALA-AZAR and GENERAL DEBILITY. Rs. 3/8 a bottle.

To be Obtained of:-

Messrs. The Vinayagar Medical Hall,
Teppakulam P.O., Trichinopoly.

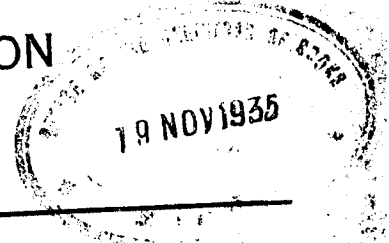
Messrs. The Trichy Medical Union Ltd.,
Teppakulam P.O., Trichinopoly.

AND

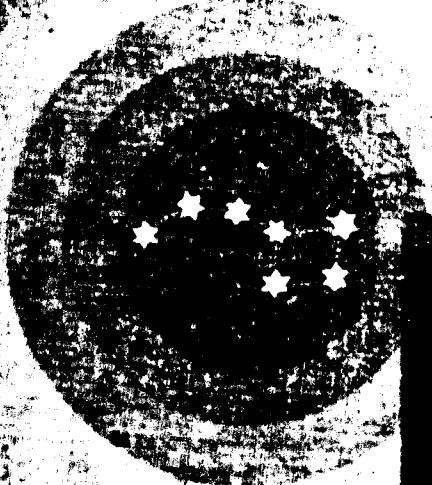
JRA LTD., Qualified Chemist - Madras and Branches.

303

Value



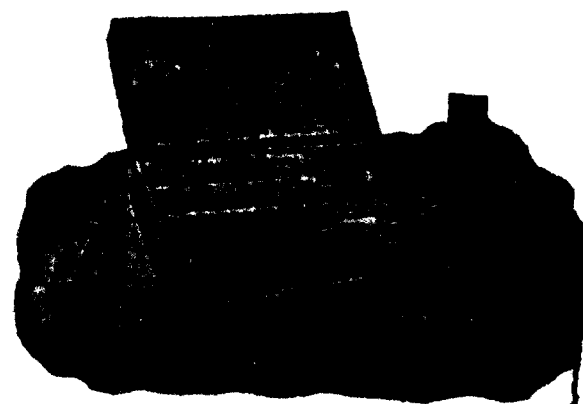
JL
670211 94-135115
NBS
744 8 37



Noctal
Well-known hypnotic

induces a calm and
restful sleep in all cases of insomnia

Tubes of 10 tablets of 0.1 Gm. ($1\frac{1}{2}$ grains) each



Decholin

produces active chol-
eresis and promotes
elimination of biliary
constituents from the
blood and tissues

Decholin is a pure chemical
substance, it is more effective
than any mixture of bile
salts and it is the least toxic
of all effective bile acids

Tubes of 20 tablets of 0.25 g (3½ grains) each
Bones of 3 ampoules of 10 cc. each (20% solution)

Sole Agent:— T. Ramachandra Rao 153, Broadway, Madras.

Stockists at Trichy:— Messrs Vinayagar Medical
The Trichy Medical Union Ltd. Hall
Medical & Surgical Co., Teppa Teppakulam.
alam.

MISCELLANY

THE HORMONAL THERAPY OF SEXUAL DISTURBANCES

'PRELOBAN' **'PROLAN'**

Standardized anterior pituitary
hormone according to Zondek

The superior sexual
hormone dominating
both sexes. To acti-
vate sexual function
in sexual hypoplasia.

'ERUGON' **'UNDEN'**

Standardized ovarian hormone.

For substitution therapy in defi-
ciency or lack of follicle hormone.

Hormonal preparation of the male generative
gland standardized by the capen-comb method.

In all functional disturbances of the
male generative gland, e. g. distur-
bances of potency and premature
senile symptoms.

HAVERG TRADING CO. LTD.
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

THE NAVARATNA PHARMACY COCHIN

NAVARATNA
SPECIFICS NEVER FAIL

SERVICE AND SATISFACTION Our Watch Word.

A few of our Specialities:-

1. Navaratna Elixir Salab Compound with Gold.

A tried, effective, and powerful, haematonic, rejuvenating, restorative, nervine Tonic.

2. Navaratna Iodised Sarsae with Mercury & Arsenic.

A tried effective blood purifier.

3. Navaratna Almaria.

The only effective specific for Malaria without Quinine.

Could be had from all Leading Chemists of the Presidency.

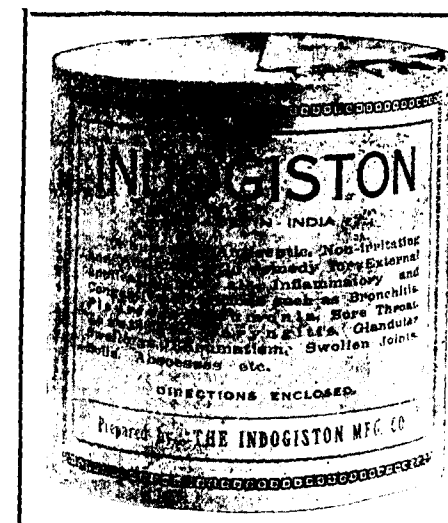
Trichinopoly Agents:-

**VINAYAGAR MEDICAL HALL,
TEPPAKULAM**

INDOGISTON

A SUPERFINE ANTISEPTIC, NON-IRRITATING & ANTIPHLOGISTIC
DRESSING USEFUL IN ALL INFLAMMATORY
& CONGESTIVE CONDITIONS

Indisputably
the best
of all the Indian
substitutes for
'Antiphlogistine'
Unsurpassed in
quality & effect
even by the
original.



Highly appreciated
by leading
Physicians all over
South India.
"The quality of
Indogiston is above
our expectations"
is the report of a
leading Doctor who
uses it regularly

Supplied in 4 sizes:

Extra Small: Small: Medium: Large.

Stockists at Trichy:

THE VINAYAGAR MEDICAL HALL.
THE TRICHY MEDICAL UNION, LTD.
THE MEDICAL & SURGICAL CO.

Distributor for the Madras Presidency:-

T. RAMACHANDRA RAO,
153, Broadway, MADRAS.

BRONCHIAL ASTHMA!

Specific Successful Treatment of patients of every age (including children) by means of

PASPAT VACCINATIONS

"The difference between the PASPAT treatment and those hitherto used lies in the fact that it has for its aim, not so much the suppression of individual asthmatic attacks, but rather the freeing of the patients from asthmatic conditions in general, an object it actually achieves."

Med. Klinik,
1930 No. 34.

*Only one ampoule
every fortnight*

Supplied in
boxes of 5 amp.
@ Rs. 12/ per box.

*For further particulars please apply
to the Sole Distributors for Bengal & South India:*
I. F. G. AGENCY, Cuddalore, Old Town.

"PASPAT is capable of producing an improvement in a relatively short time even in cases of severe Asthma."

Wien. Med. Wschr.
1931 No. 28.

"Patients who for many years been unable to work have, after treatment with PASPAT, become fit for their daily work."

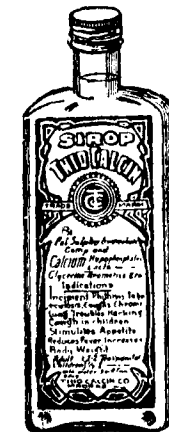
Kinsho to Koza,
Nov. 1932.

*Ten vaccinations
for a lasting cure.*

Available from
leading Chemists
throughout India.

SIROP-THIO-CALCIN

A super calcium tonic and a good cough specific



Regarding Select Medical Opinion:—

THIO-CALCIN

Select opinions

DR. C. MUTHU, M.D., M.R.C.S., L.R.C.P.,
TAMBARAM SANATORIUM,
31-7-35

I found Sirop-Thio-Calcin very useful
in case of cough in my sanatorium.

C. MUTHU, M.D., M.R.C.S., L.R.C.P.

Stockists:

**The Vinayagar Medical Hall,
The Trichy Medical Union Ltd.,
Teppakulam :: Trichinopoly**
Chief Distributors:—Dadha & Co., P. B. No. 541, MADRAS



MISCELLANY

OCTOBER 35

THE RESEARCH LABORATORY,

"COMMUNITY"

MADRAS

Telephone : 3213

BLOOD, SPUTUM, URINE, FAECES and other

pathological materials examined micros-

copically, bacteriologically and chemically.

VACCINES, STOCK AND AUTOGENOUS prepared.

WIDAL, WASSERMAN AND KAHN'S TESTS

Complement fixation test for tuberculosis etc. done.

STERILE SOLUTIONS FOR INJECTION: (e.g.)

Calcium chloride, Camphor in oil, Emetine,

Hexamine. (intravenous) Ferri-Cacodyl,

Quinine Bihydrochlor, etc., etc., in stock.

Special solutions made up on request.

Glass slides, capillary tubes for Widal, Sterile capsules for Wassermann test, Culture Media for preparation of Autogenous Vaccines, supplied on application with direction for their use.

Laboratory stains in common use supplied as solution according to standard formulae

For Scale of charges and other particulars apply to.

The Manager,

RESEARCH LABORATORY,**Harris Road, Mount Road, P. O., MADRAS.**

THE MOST RECENT ADVANCE IN THE ARSENIC TREATMENT OF

== SYPHILIS ==
THIO-SARMINE**(BRAHMACHARI)**

Remarkably beneficial results obtained by its use within the shortest time.

This sulpharsenobenzene compound prepared for the first time in India in the Brahmachari Research Institute, Calcutta, has been found to be a most powerful specific in the treatment of Syphilis in various stages of the disease. Pamphlets on THIO-SARMINE with details about its use, and booklets containing published reports of cases treated with THIO-SARMINE, are sent free on application.

THIO-SARMINE is the purest brand of sulpharsenobenzene prepared in

The Brahmachari Research Institute,**82/3, CORNWALLIS STREET,****CALCUTTA.****MISCELLANY**

OF

The Trichinopoly District Medical Association

(REGISTERED)

OCTOBER 1935

Treatment of Coryza

H. S. DIEHL (Journ. Indust. Hyg., March, 1935, p. 48) reports a study of the treatment of the common cold with a codeine-papaverine combination and certain other medications. His cases comprised 2,508 of acute coryza, 852 of subacute or chronic colds, and 205 of pharyngitis. After the exhibition of $\frac{1}{4}$ grain of codeine and the same amount of papaverine 71 percent of 1,244 patients with acute coryza reported prompt improvement or complete relief of symptoms. The chief effect of this mixture, as well as of other opium alkaloids, is to decrease or eliminate nasal discharge and congestion. The addition of acetyl-salicylic acid, quinine sulphate or atropine sulphate did not increase the proportion of good results; indeed, it seemed that atropine and quinine decreased them. Diehl thinks that there is a definite synergistic action when codeine and papaverine are exhibited simultaneously, toxicity being decreased and good results increased. The highest percentage of improvement occurred in the case of those who were treated on the first day of the cold. A combination of dihydromorphinone hydrochloride with papaverine gave similar good results, but was more toxic. Definite improvement or complete relief was reported by 40 to 50 percent of those patients who took atropine sulphate, ephedrine sulphate, amytal, lime and iodine, quinine sulphate or halibut-liver oil. Diehl had shown in a previous investigation that about 35 percent of patients with coryza recovered spontaneously in the same space of time as that involved in the foregoing tests. He believes that these opium preparations not only relieve symptoms but also decrease the probability of infection by secondary bacillary invaders.

(From 'B. M. J.' July 20, 1935, p. 10.)

Treatment of whooping cough

G. Albour Stephens, M.D., B.S.B.Sc. (LOND), SWANSEA, (The Prescriber, July, 1935, pp. 224) writes;

It may be worthwhile reminding readers of a treatment for whooping cough which was introduced about 30 years ago and which has been of very great use. It consists in syringing both ears with warm solution of boric acid, and afterwards painting with a 5 to 10% solution of cocaine (or better still procaine hydrochloride in a mixture of glycerine 1 part, water 4 parts).

Once the method has been demonstrated, the treatment can be carried out by the nurse or patients.

The rationale of the method is that these drugs anaesthetise the endings of the nerve coming from the upper part of the vagus for the supply of the auditory meatus, which in cases of whooping cough is often irritated and painful; when this irritating focus has been put out of action, the vagus is in a better position to control its other branches and in this way cough is relieved.

When I first published this method, I adduced evidence of its efficacy from others as well as myself. I now repeat it in the hope that medical men of a later generation may be induced to give it a trial.

(From *The Antiseptic* October 1935.)

Chenopodium oil in Ascariasis

L. SCHONMEHL. (Med. Welt, March 30th, 1935, p. 453.) testifies to the safety and efficacy of chenopodium oil, in suitable dosage, in the treatment of roundworms. In fifty-eight cases of ascariasis, the stools became free of eggs after one treatment in fifty-one, and after a second in seven. In no case were toxic symptoms noted, or signs of nephropathy. The dose recommended consists of as many drops as the patient's years of age, and is repeated in like amount after one hour. (It is essential to give saline purges one hour before the first and one hour after the second dose. These aid the expulsion of the worms (whose adherence to the intestine—not their vitality—is affected by chenopodium), and prevent absorption of the drug.

(From *'B. M. J.'* July 27, 1935, p. 14.)

Parenteral Calcium Injections in Oedema of the Larynx.

W. GAUS (Zentralbl. f. Chir., March 16th, 1935, p. 610) Summarizes from the German literature of the last four years numerous favourable reports of parenteral calcium injections as a substitute for tracheotomy or intubation in the treatment of severe oedema of the larynx and pharynx. In the first of these reports Cajjler described an unexpected success from intramuscular injection of 5 c. cms. of a 10 per cent solution of calcium gluconate in a child with malignant diphtheria in whom tracheotomy was regarded as hopeless. Several observers have confirmed the utility of calcium injections, intravenous and or intramuscular, in diphtheria, streptococcal oedema of the larynx, and laryngeal oedema from burns, angina, local tuberculosis, wasp stings, or anaphylaxis after antitoxin injections. In Gaus's experience calcium injections have prevented many tracheotomies for diverse cases of laryngeal oedema, those due to neoplasm being excluded.

(From the *'B. M. J.'* July 20th 1935, p. 11.)

Apples in the Treatment of Diarrhoea

J. E. Holst (Ugeskrift for Læger, December 6th, 1934, p. 1335) has during the past year made extensive use of apples in the treatment of various forms of diarrhoeas at his hospital in Denmark. Since this treatment began to be systematized in Germany only a few years ago, several modifications have been introduced. The most popular consists of grating ripe peeled apples and serving them raw in quantities of 500 to 1,500 grams in the twenty-four hours in five meals, at each of which 100 to 300 grams are given. This is the only food taken for a couple of days, though a little weak tea may be allowed if the patient is very thirsty. Sometimes only twenty-four hours of this treatment are sufficient, but it may have to be continued for three or four days to assure a permanent cure. The best results have been achieved in acute diarrhoeas, but chronic diarrhoea also responds satisfactorily, and it is remarkable how uniformly effective this treatment is whatever the aetiology of the diarrhoea. One of the author's patients had for years been subject to recurrent attacks of diarrhoea

which had necessitated prolonged dietetic treatment entailing considerable loss of weight. The action of the apple dietary was so prompt in this case that a normal dietary could be resumed after only a few days. The chronic dyspeptic whose dietetic treatment is apt to imply partial starvation reacts satisfactorily to an apple regime. Its mode of action is still obscure. The tannic acid in apples has been credited with the therapeutic successes, but this explanation is not supported by the fact that many patients cured on apple regime had previously failed to benefit from medication with tannic acid preparations.

(From 'B. M. J.' March 30, 1935, p. 52.)

Iron Therapy in Infancy.

H. L. Eder (Arch of Pediat., November, 1934, p. 701) believes that iron should be administered as a routine treatment to infants as a preventive of anæmia, whether there are any signs of its presence or not. The present methods of diagnosing anæmia do not indicate whether there is an absence of an iron reserve, and, unless iron is available, to provide hæmoglobin when the supply is exhausted by repeated infections, the blood content is only kept up by draining the tissues. He recommends a mixture of one pint of cod-liver oil emulsion containing 30 grams of saccharated ferrous carbonate; each teaspoonful of this contains $3\frac{1}{2}$ grains of iron carbonate. Starting at the age of 10 weeks, the author gives one teaspoonful twice daily until the age of 6 months, when the dosage is reduced to one teaspoonful once a day, which amount is continued thence indefinitely. The complexion becomes healthy and ruddy; the muscle tone is good, and the tissues firm; if exposed to the sun, the skin develops a more healthy tan than other children have; there is better resistance to disease; and the weight improves more steadily, especially in the undernourished and any excess of iron is easily eliminated. The treatment of anæmic children should be continued long after the normal hæmoglobin content of the blood has been obtained.

(From 'B. M. J.' March 30, 1935, p. 53.)

Retention of the Placenta

In order to ascertain whether the placenta has been expelled completely, it should be placed in a shallow basin uterine side upwards and boiling water poured over it. The decidua basalis is complete if the whole surface takes on a grey colour. Defects of the decidua become evident by a black-red colour.

(Kunze, *Aerztl. Sammelbl.*, 1933 p. 331).

Tobacco

After many bad reports a good one can at last be given about tobacco. New investigations have demonstrated that nicotine has a beneficial influence on the suprarenal glands and encourages a larger secretion of suprarenin. Thus the glycogen in liver and kidneys is converted into glucose, and the sugar content of the blood is increased.

The same takes place after meals and this increased sugar content abolishes the sensations of fatigue and hunger. This explains the craving for tobacco when tiredness or hunger are experienced.

(*Amer. Journal of Pharmacy*, 1934, p. 1,909.)

Diagnosis of Urea Retention

A quick diagnosis of the increase of urea content of the blood is often very important in general practice, *Patterson* describes the possibility of achieving this by the simplified method of *Weltmann-Barrenscheen*. A few drops of trichloroacetic acid are added to *Ehrlich's* reagent under continuous shaking until the turbidity persists.

Ehrlich's Reagent.

R/ P-dimethylaminobenzaldehy—de.	10.0 grammes.
Acid hydrochloric concentrate	100.0 c. cm.
Aqua dest. ad.	300.0 c. cm.

A few drops of this turbid reagent are mixed with the same quantity of oxalate blood. A large drop of this mixture is poured on

to filter paper. The edge of the drops is distinctly green in uraemia. The whole drop remains brown in normal or only slightly increased N-retention. Of course this method does not take the place of an exact quantitative urea test. At the bedside, however, it gives valuable indications.

(*Lancet*, 1934, 226, 20, page 1910.)

A Urea-retention test during consultations

Treatment and prognosis of many diseases, e.g., nephritis, nephrolithiasis, hypertrophy of the prostate, etc., depend on the existence of an increased urea content of the blood serum. Thus it is often very important to be able to diagnose an increase of the residual nitrogen content of the blood. This is made possible by Barrenscheen and Weltman's method (*Biochem Ztschr.*, 1922, No. 31.)

A few c.cm centrifuged blood serum are mixed with an equal quantity of trichloroacetic acid of 20%. The mixture is filtrated and to 1 c.cm. of the filtrate 4 drops Aldehyd Ehrlich are added.

No discoloration or a very faint yellow colour appears if the urea content is normal; a raised nitrogenous content of the blood serum (over 500 m. grammes per litre) gives a decided yellow-green colour.

(*Kahler, Aerztl. Praxis*, 1933, p. 284.)

The Failure of Antistreptococcal Serum.

L. Colebrooke points out that the serum treatment has been tried all over the world for 40 years, without agreement as to its value. The selection of good toxin-producing strains of streptococci for immunization of horses has produced sera of much greater potency, and these have been extensively used in the last 10 years. Many reports of individual cases or of small series have been published, but have little evidential value. Those who have the most experience are the least convinced as to the efficacy of the serum. A large proportion of the cases presented merely a local infection, which normally gives a recovery-rate of nearly 100 percent. In a series of Edinburgh cases in 1933 Benson and Rankin reported that the mortality was 75 per cent., while in a control group it was 68 per

cent. In the majority of cases the serum was given intravenously, as recommended by the makers. In view of several days of misery in the form of serum sickness and the great expense (nearly £ 300 for 57 patients treated intravenously), and the absence of evidence of beneficial effect, they recommend the abandonment of using the serum "faute de mieux."

At Queen Charlotte's Hospital the mortality for all cases of puerperal pyrexia treated with serum before admission was 30.4 per cent; not treated, 11.6 per cent. For haemolytic streptococcus cases the percentages were respectively 45 and 22.3. It is not easy to prove that the serum had an unfavourable effect, but the profound disturbances, serum sickness and agglutination of the red corpuscles which may be produced indicates that it may have an adverse effect on the complex mechanisms of immunity. Colebrooke concludes that there is no trustworthy clinical evidence that anti-streptococcal serum has any curative effect in human infections with haemolytic streptococci.

J. A. Ryle and R. F. Smith have come to the same conclusion as Colebrooke on an analysis of the former's experience in hospital and private practice during the war of streptococcal fever (mostly non-puerperal), and of cases treated in Guy's Hospital over a period of 10 years.

1 *Lancet*, 1935 i, 1085.

(*From the Clinical Journal of August '35*)

The use of the Oestrus-Producing Hormones

Prof. E. C. Dodds has summarized the recently acquired knowledge of the oestrus-producing hormones. These found in the urine of pregnant women belong to the group of sterols. Kaufmann has shown that, provided sufficient oestrin be given, with corpus luteum hormone, menstrual changes can be produced in the uterus even in ovariectomized women. On the 1st day of the treatment 250,000 mouse units are given, a similar dose on the 4th, 8th, 11th and 15th days, and on the 19th, 20th, 21st, 22nd and 23rd days seven rabbit units of the corpus luteum hormone. A menstrual period will follow on the 25th day. It must be noted that these results can be obtained

to filter paper. The edge of the drops is distinctly green in uraemia. The whole drop remains brown in normal or only slightly increased N-retention. Of exact quantitative indications.

A Ure:

Treatment: lithiasis, hypertrophy of an increased and very important nitrogen content and Weltman's

A few c.cm quantity of tricalcium to 1 c.cm. of the

No discoloration content is normal (over 500 m. gr)

Th

L. Colebrook tried all over value. The serum for immunization potency, and the Many reports

published, but have little evidential value. Those who have the most experience are the least convinced as to the efficacy of the serum. A large proportion of the cases presented merely a local infection, which normally gives a recovery-rate of nearly 100 percent. In a series of Edinburgh cases in 1933 Benson and Rankin reported that the mortality was 75 per cent., while in a control group it was 68 per

SPECIAL ADVANTAGES:

1. Stable metal case of light metal, covered with leather.
2. Immediately ready for use on opening the case.
3. Ready for conveyance on closing the case.
4. Light weight (about 2½ lbs. nett).
5. Limited amount of mercury required (about ½ oz.)
6. No leakage or escape of mercury.
7. Steady and reliable working, no oscillation of the mercury column.
8. Reliable measuring of maximum and minimum pressure.
9. Equipped with rubber pump.

Stockists:—

DHRUVA & Co., Ltd.,

POST BOX. 23
73, Nainiappa Naick St.,
MADRAS.

THE MODERN PRINTERS, 98, CHINA BAZAAR, MADRAS

cent. In the majority of cases the serum was given intravenously, as recommended by the makers. In view of several days of misery (nearly £ 300 for of evidence of if using the serum

for all cases of infection was 30.4 per cent. streptococcus cases not easy to prove the profound discolouration of the red corpuscles an adverse effect alone concludes that streptococcal serum haemolytic strepto-

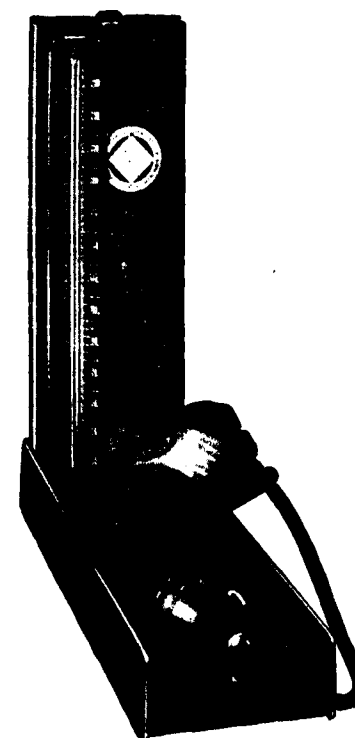
same conclusion received in hospital cases of cal fever (mostly fatal over a period

Journal of August '35)

hormones

recently acquired knowledge found in the urine of S. Kaufmann has shown that with corpus luteum

hormone, menstrual changes can be produced in the uterus even in ovariectomized women. On the 1st day of the treatment 250,000 mouse units are given, a similar dose on the 4th, 8th, 11th and 15th days, and on the 19th, 20th, 21st, 22nd and 23rd days seven rabbit units of the corpus luteum hormone. A menstrual period will follow on the 25th day. It must be noted that these results can be obtained



Braun's
Sphygmomanometer
MODEL 1935

Ionization in Rhinitis

A. R. Hollander (Archives of Otolaryngology, 21:448—455, April 1935) states that it has not been definitely established whether vasomotor rhinitis is a local manifestation of a constitutional allergic state or a symptom of a metabolic, endocrine or nervous disorder. Pathologically it is not a true inflammation but "an oedema with eosinophilic infiltration." The author describes his method of intranasal ionization with the positive pole using copper, zinc, or "some other metallic chemical." He has had the best results with a 5 to 10, per cent solution of zinc sulphate. After the treatment there is "a greyish coating" over the entire nasal mucosa; this disappears in a few days; a slight exudate forms during the first few days which either loosens, is blown out or can be removed. Patients usually note subjective improvement in a few days. In 10 cases of true vasomotor rhinitis treated by this method during the year 1932, 5 or 50 per cent, have been definitely relieved of their symptoms, and have had no recurrence. Of 7 patients treated in 1933, all have been improved to some degree and 4 are entirely free of symptoms. Of 15 patients treated in the first six months of 1934, 8 have been relieved of symptoms, and the others somewhat improved. In no case has any ill effect of the treatment been observed.—Medical Times.

(From the 'Antiseptic' of August '35.)

Electrical Treatments

(P. A. S. RAGHAVAN.)

Adenitis. (Superficial) Ultra-Violet-Ray—U. V. R.
(Deep) X-Rays.

Alopecia Areata. Ultra-Violet Ray treatment acts as a specific. Ionization with copper and zinc and High Frequency with vacuum electrode useful.

Amenorrhoe. (Congestive—not due to anaemia, pregnancy or structural disease) Diathermy very useful.

Anal Fissures. Pain is invariably relieved by Diathermy.

Anginal pain. Pain relieved by Diathermy.

Anterior Poliomyelitis. Infantile paralysis—Surging, Galvanic will make muscles act voluntarily. Sinusoidal currents to relieve pain.

Arthritis. (Traumatic) Galvanic currents relieve pain and absorb exudates.

Arthritis. (Infective—Gon and non-gonococcal) Diathermy to focus of infection as in the prostate and cervix. Diathermy to the local region as an accessory.

Asthma. (Bronchial) Diathermy relieves spasm and reduces frequency of attack.

Burns. Pain is relieved by U. V. R.

Chilblains. Surging Sinusoidal currents relieve pain.

Colitis. (Mucous.) Diathermy relieves the condition.

Colitis. (Ulcerative) Zinc Ionization very useful (as reported in B. M. J. 18th October 1930.)

Constipation. Atonic variety most efficiently treated by Sinusoidal current.

Corns. Ionization with Zinc or Fulguration completely irradiates.

Deafness. (Congestive) Diathermy very useful.

Eczema. U. V. R. High frequency and X-Rays.

Endocervicitis. Diathermy acts as a specific if it is due to Gon., In non-gonococcal, Ionization with Zinc or Copper is as effective.

Epididymitis and Orchitis. Very effectively treated with Diathermy.

- Erisepalas.* U. V. R. acts as a specific and is preferable to serum treatment as it saves risks and pain of injections.
- Fibrositis.* Most usefully treated by Diathermy and Massage.
- Gonorrhoea and complications.* Diathermy acts as a specific.
- Haemorrhoids.* Pain is relieved by Diathermy and the masses can be Electro-coagulated or Fulgured.
- Hemiplegia.* Paralysed muscles can be made active by Surging Sinusoidal currents.
- High blood Pressure.* Can be reduced by General Diathermy or Autocondensation, and be kept within bounds by suitable mode of life and occasional treatments.
- Incontinence.* (children) Sinusoidal currents. In chronic cystitis, Diathermy.
- Insomnia.* (Due to High Blood Pressure or Hypothermia) General Diathermy or Auto condensation.
- Lactation.* U. V. R. increases lactation.
- Locomotor-Ataxy.* Galvanic currents very useful especially in relieving pain of crises.
- Lupus Vulgaris.* Ionization and U. V. R.
- Malignant Growths.* (Superficial) Electro-coagulation (Deep) X-Rays.
- Moles.* Fulguration.
- Myalgia.* Diathermy and Massage.
- Nævi.* Electrochemical cauterization.
- Nephritis.* Diathermy useful.
- Neurasthenia.* Sinusoidal currents.
- Neuritis.* Sinusoidal and Galvanic currents and Diathermy.
- Obesity.* Faradic currents.
- Otitis Media.* Zinc Ionization acts as a specific.
- Ozena.* High Frequency and Copper Ionization.
- Paralysis Agitans.* General Diathermy.
- Pneumonia & Pleurisy.* Diathermy acts like a specific.
- Prostatitis,* and enlargement due to congestion. Diathermy very useful.
- Salpingitis.* Pelvic Diathermy very useful.
- Rickets.* Ultra Violet Rays act as a specific.
- Puerperal Sepsis.* Pelvic Diathermy very useful

- Scars.* After injury or burns can be softened by Galvanic currents.
- Sciatica.* Galvanic and Sinusoidal currents.
- Sinusitis & Sinuses.* Ionization with Zinc or Copper.
- Sprains.* Galvanic currents and Diathermy.
- Strictures.* Cathode lubrication with Galvanic currents.
- Tonsillitis.* Electrocoagulation.
- Trachoma.* Zinc Ionization.
- Ulcers.* (Chronic) Zinc Ionization.
- Ulcers.* (Acute) U. V. R.
- Varicocle.* Diathermy.
- Warts.* Fulguration or Zinc needling.
- Writers Cramp.* Pain relieved by Galvanic currents.

Central Medical Association of South India

A meeting of representatives of the District Medical Associations of Tinnevely, Chettinad, Madura, Trichinopoly, S. Arcot, and Salem was held at 4 P.M., on Saturday the 19th October '35 in the Pethachi-Hall, National College, Trichinopoly.

It was unanimously resolved, that the above Association be formed representing as many District Medical Associations of South India as possible. The Coimbatore District Medical Association had written approving the formation of the Central Medical Association and agreeing to be a member thereof.

It was unanimously resolved that all those present then with power to co-opt do form the Executive committee.

Dr. C. E. R. Norman was unanimously elected as the President and Dr. P. A. S. Raghavan as the Secretary of the Central Medical Association. A Sub-committee consisting of the President, the Secretary and Capt. Sangham Lal, Dr. R. Kalamegham, and Dr. R. Sambasivan, with power to co-opt was formed to draft the rules and bye-laws for circulation to the various District Medical Associations for approval.

The Trichinopoly District Medical Association

(REGISTERED)

A monthly meeting of the above association was held at 5 P.M., on Saturday the 19th October '35 at the Pethachi Hall, National, College, Trichinopoly when about 60 members were present. Medical Officers of the Srirangam Gov't Hospital, were 'At Home' and Dr. C. E. R. Norman presided.

Dr. Y. G. Henry of the Fort Ry. Dispensary demonstrated an interesting case of Chenopodium poisoning in a child aged two years. Dr. Raghavan read extracts from Sajou's on the toxicology of chenopodium. Dr. Narasimhalu Naidu of Siruganoor gave his experiences of a similar case of Chenopodium poisoning. Capt. Saghan Lal, demonstrated two cases:—One of Pancreatic cyst operated upon by him some time back and another of a tumour of the jaw which is awaiting operation.

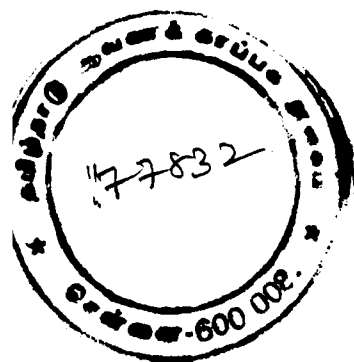
Dr. Raghavan delivered a lecture on 'ELECTRO-THERAPY' explaining the various diseases in which electro-therapy was useful or acted as a specific. The lecture was accompanied by the demonstration of the working of various machines and was much appreciated.

Dr. T. N. Subramanyan and Dr. R. Sambasivan gave their experiences of the specific action of Diathermy and Ultra-Violet-Ray in cases of Pneumonia and Erisipelas respectively.

In his concluding remarks Dr. Norman made a few remarks about the various cases demonstrated and with a vote of thanks to the Lecturer, the Hosts, and the Authorities of the National College, for lending the Hall the meeting terminated at a late hour.

TRICHINOPOLY,
25th October 1935. }

P. A. S. RAGHAVAN,
Secretary.



JL
Lm 21192, N 35 MS
N 35

CHRONIC AMOEBIASIS
has baffled all Treatment



AMIBIARSON

A NEW ORGANIC ARSENICAL

has given encouraging results in the hands of clinicians

Tried and found effective in the
Calcutta School of Tropical Medicine

NO TOXIC SYMPTOMS

Vide Indian Medical Gazette June, 1935.

**FOR DIABETICS & THOSE
ON SUGAR-FREE DIET**

LIQUID SACCHARINE

One drop is equivalent to

One tea-spoonful of Cane-Sugar

An economical & efficient means of
Sweetening food stuffs for the Diabetic

Available in 1oz. phials.

BENGAL CHEMICAL - CALCUTTA

Madras Agents: N. DESHAI GOWNDER & CO., 41, Bunder St.

DR. MACKENZIE'S Vitamin "A & D" COD LIVER OIL

(Insist on Dr. Mackenzie's Refuse Substitute)

The use of Dr. MACKENZIE'S Vitamin "A & D" Cod Liver Oil promotes healthy growth bone formation, & overcomes chest troubles, pain all over the body, sleeplessness at nights and develops the general strength.

The continuous use of Dr. MACKENZIE'S Pure Cod Liver Oil eradicates the burning sensation of the hands and feet, a common ailment among the fair sex.

Scientifically prepared and purified, quite palatable to the taste of young and old in general.

Available from all Chemists &
Vinayagar Medical Hall, Teppakulam, Trichy.

PRESCRIBE

DR. WEBSTERS PHOSPHATUM

Websters Phosphatum is highly endorsed by the leading neurologists as a specific for the various pains, myalgic or neuritic, various tremors as of hands, fingers, etc. Phosphaturia is radically cured by a course of Websters Phosphatum—Pain in the heart region—Neurasthenia — Melancholia — Dyspepsia with gas and vomiting all yield to this remedy in a remarkably short time.

Websters Phosphatum supplies the nerve cells with nutrition to resist any invader either from outside as in the form of germs or from inside as in the case of auto-intoxication.

Available from all Chemists &
Vinayagar Medical Hall, Teppakulam, Trichy.
WEBSTERS PHARMACAL CO., (INDIA)

INOTON OINTMENT

(French Government Laboratory, Control No. 482-3)

COMPOSITION	INDICATION
PRIMARY	All forms of Eczemas
SULPHO SCHISTOL	Ulcers
TITANIC OXIDE	Pruritus
COLLODIAL ORTHO TITANIC	Burns
SECONDARY ACTIVE PRINCIPLES	Itonic wounds
DISTILLED EXTRACT OF FRESH	Irritations and lesions of the skin
ZINC OXIDE [HAMAMELIS]	All sorts of infalamations
Incorporated in an excipient with marked soothing and decongestive properties	

INOTON
French Government Laboratory
Control No. 482-60

Antiseptic Soap

Made from purest ingredients!
Contains powerful antiseptic!!
Keeps the skin free
from germs !!!

INOTON
French Government Laboratory
Control No. 482-5

Medicated

Talcum

Recommended for Babies
and Children !

ALSO FOR:—

PRICKLY HEAT,
DHABI'S ITCH,
SORES OF THE FEET,
CHAPPED SKIN, AND
SUNBURNS

VITRATE

(Confec. Vitam. Concentr. Comp.)

In a palatable vehicle containing Yeast and Malt Extracts which furnish vitamins B and G.

Each fluid ounce contains:

Vitamin A, 15,000 Units

Vitamin D, 4,000 Units

(Derived from Super D Cod Liver Oil Concentrate)

Iron and Ammonium Citrate, 4 grs.

Adult Dose—One or two teaspoonfuls three times daily, taken plain, or diluted with milk or orange juice. Infants and children in proportion according to age.

In 10 ounce bottles only

Manufactured by

The Upjohn Co.,
U. S. A.



Further particulars from the Sale Agents:

T. M. Thakore & Co.,
43, CHURCHGATE St., FORT,
BOMBAY

Branches:—**CALCUTTA**
RANGOON

KARACHI
MADRAS

LAHORE
NOVA GOA

ELCOSANA

Intravenous injections for the treatment of the GASTRO PEPTIC DUODENAL ULCER & OF HYPERCHLORHYDRIA

The recent therapeutical innovation, introduced by the famous Prof. Doctor Bazzano in the treatment of gastric and duodenal ulcer and of hyperchlorhydria through injection of benzoate of sodium, has gained the favourable judgment of many physicians who were also able, by personal clinical experience, to prove the complete success of this new therapy.

The result becomes evident in a few days. The cure of the ulcer can be observed also by radiological examination.

CA WASSERMANN

Wassermann Laboratories have introduced a calcium preparation for Oral use in Granule (Sugar Coated) form and also for Intramuscular and Intravenous use. This preparation can be administered without the precautions which Bochetti suggests as necessary whenever administering Chloride of Calcium.

Ca Injections

Contains Calcium Gluconate, Calcium Pyruvate and Calcium Lactate with Parathyroid and Suprarenal Ext.

Ca Oral

Contains Gluconate, Lactate, Phosphate (Tribasic), Cormate of Calcium, Calcinated Magnesia, Suprarenal and Thymus Ext., Ergostrine irradiated with Granulated Sugar.

Procythol Normal. Liver Extract for Instrumuscular use. 2.2 cc Ampoule contains the active anti-anaemic principle of 500 grammes of Fresh liver.

Procythol Forte. Liver extract for intramuscular use concentrated. 2 cc ampoule contains 5000 grammes of the antianæmic principle of fresh liver.

Concentrated Endo-Epatina. Concentrated Liver Extract for oral use.

Apply for interesting Literatures to:—

Messrs Ezra Bros, 'Sunnyside' 28, Rundall's Road, Vepery, Madras.

Distributors:—Appah & Co., Madras.
Vinayagar Medical Hall Trichinopoly
Trichy Medical Union Ltd., Trichinopoly.

HALIBUT LIVER OIL

(Crookes' Collosol Brand)

CONCENTRATED VITAMIN A
(STANDARDISED)

The essential aid to natural resistance to disease and the richest natural source of Vitamin A.

Each single drop is of equal value to one tea-spoonful of finest Cod Liver Oil and has an adequate Vitamin D. content



Issued in the following packings:-

Vials with dropper, 5 cc, 15 cc, & 30 cc each.

Capsules (3 minims) in Bottles of 25's & 100's each.

Also as:-

Halimalt in Jars of 1 lb. each.
(Halibut Liver Oil in Malt Extract)

Halycalcine Capsules in bottles of 25's & 100's each. (Halibut Liver Oil & Calcium Phosphate)

Halycitrol in Bottles of 8 oz. each.
(Halibut Liver Oil with pure Orange juice and Glucose).

: Stocks available at well-known chemists :

For further particulars write to:-

THE CROOKES LABORATORIES,
10, Graham Road, Ballard Estate, **BOMBAY**

CALCIUM THERAPY

Alembic Alcalzium Tablets (The Calcium Food) provide, in palatable form, a scientific combination for use in all conditions requiring intensive Calcium Therapy.

Calcium Sodium Lactate has been chosen because
1. It is highly assimilable and palatable. 2. It does not tend to increase the acidosis so commonly associated with conditions needing *Calcium Therapy*.

No *Calcium* salt, however, is adequately assimilated except in conjunction with a sufficient supply of *Vitamin D*.

The presence of *Iron* accelerates the regulation of body-metabolism.

Alcalzium with Iron & Vitamin D is valuable for growing babies, for building strong bones and teeth and for maintaining proper heart function.

During Pregnancy *Calcium* is required from the beginning not only for the mother but also for the growing baby.

It is also useful for Anaemias, Rickets, Deficient Growth, Disorders of Teething & Convalescence after Fevers.

Each Tablet of **Alembic Alcalzium** with *Iron & Vitamin D* contains:

CALCIUM LACTATE	1.75 Grains.
SODIUM LACTATE	1.25 "
DICALCIUM PHOSPHATE	2 "
FERRI et AMMON CITRAS	1 "
VITAMIN D.	100 Units.

Available at all Chemists in bottles of 50 Tablets.

Alcalzium

With Iron & Vitamin D.

ALEMBIC CHEMICALS
BOMBAY - BARODA - MADRAS

C I R O B I L

(REGISTERED)

The quickest and sure cure for enlargement
of Liver and Spleen in Children and Adults.

Definite improvement in 21 days and
complete cure in a few weeks.

Issued in two sizes.

Procurable everywhere and from the
Stockists :-

Messrs Vinayagar Medical Hall,

„ The Trichy Medical Union Ltd.,

TEPPAKULAM, :: TRICHINOPOLY.

Sole Proprietors :-

DADHA & Co.,

PHARMACEUTICAL CHEMISTS,

PARK TOWN, MADRAS.