### THE JOURNAL

OF

### MENTAL SCIENCE

(THE BRITISH JOURNAL OF PSYCHIATRY)



BY AUTHORITY OF
THE ROYAL MEDICO-PSYCHOLOGICAL ASSOCIATION

#### **EDITOR-IN-CHIEF**

### G. W. T. H. FLEMING

WITH THE ASSISTANCE OF

Alexander Walk (Co-Editor)

L. C. Cook P. K. McCowan

P. K. McCowan M. Partridge F. L. Golla

A. Meyer W. Linford Rees T. F. Main

R. M. Norman B. W. Richards

W. Warren

(The above constitute the Journal Committee)

AND

Lord Adrian W. Ross Ashby Sir F. C. Bartlett Sir W. E. le Gros Clark

C. J. C. Earl
J. N. P. Moore
A. A. W. Petrie
Derek Richter

E. T. O. Slater

LONDON

### J. & A. CHURCHILL, LTD

Published Four times Yearly Fifteen Shillings net

### THE JOURNAL OF MENTAL SCIENCE

Communications on general editorial matters, including MSS. for publication, books for review and other printed matter, and communications regarding the *Epitome* section, including journals to be abstracted, should be sent to the Editor-in-Chief, Barnwood House, Gloucester.

Communications and enquiries regarding sales should be addressed to the Publishers, Messrs. J. & A. CHURCHILL, Ltd., 104 Gloucester Place, Portman Square, London, W.1; and those regarding Advertisements to Aldridge Press Ltd., 27 Chancery Lane, London, W.C.2.

Details of membership of the Royal Medico-Psychological Association are obtainable from the Secretary, R.M.P.A., 11 Chandos Street, Cavendish Square, London, W.1.

### THE ROYAL MEDICO-PSYCHOLOGICAL ASSOCIATION PUBLICATIONS

From Messrs. Adlard & Son, Ltd., Bartholomew Press, Dorking, Surrey.

Enquiry (History) Form, for use in Mental Hospitals. In three sizes. Prices and specimen forms on application.

From Messrs. J. & A. Churchill, Ltd., 104 Gloucester Place, W.1.

"The Journal of Mental Science." Published four times a year. Price 15/-. Postage extra. "Recent Progress in Psychiatry." Vol. 2, 1950. Pp. 711. Price 50/-. Vol. 3, 1959. Pp. 404. Price 50/-.

From Messrs. Baillière, Tindall & Cox, 8 Henrietta Street, W.C.2.

"Handbook for Mental Nurses." 8th edn. 1954. Price 21/-.

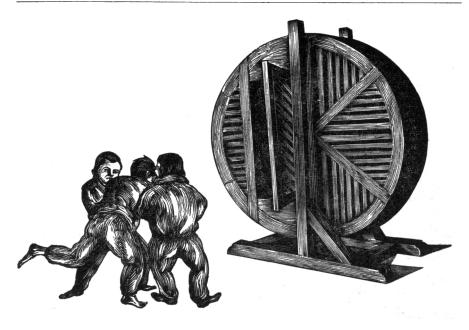
From The Secretary, 11 Chandos Street, W.1.

The Charter and By-Laws of the Association. Price 2/-. Postage 1½d.

"Recent Progress in Psychiatry." Vol. 2, 1950

Vol. 3, 1959

(at special price to members of R.M.P.A.)



Squirrel cage used for calming mental patients (18th century). Original wood engraving by John De Pole.

### STELAZINE

brand of trifluoperazine

the new psychotropic agent specific for the hallucinated, delusional, and aggressive psychotic.

'Improvement became noticeable approximately ten days after commencement of treatment. This was most striking in the fading of hallucinations, cessation of impulsiveness, an awakening of interest, a desire to take part in occupations and recreations of various kinds.'

(1958), J. ment. Sci. 104, 1195-98.

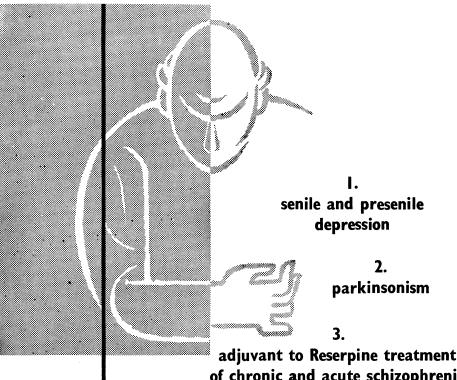
(11,7,5)

FORMULA: 2-trifluoromethyl-10-(3' [1"-methyl piperazinyl-4"]-propyl) phenothiazine dihydrochloride.



Smith Kline & French Laboratories Ltd Coldharbour Lane, London SE<sub>5</sub> SZ: PA49

'Stelazine' is a trademark



of chronic and acute schizophrenia
"With the aid of the blocking substance orphenadrine
the side effects of reserpine treatment can be

"With the aid of the blocking substance orphenadrine the side effects of reserpine treatment can be greatly reduced and partially obviated. In addition, the sedative effect of reserpine is enhanced by orphenadrine. While, up to now, the most important use of reserpine was in the treatment of chronic psychoses, because of its delayed action, phenothiazine or convulsive treatment were preferred in acute cases with a stormy course. Now treatment with reserpine in combination with orphenadrine also seems possible in these forms of disease."

(Scheurle, G., Deut. Med. Wschr. 82, 2227 (1957)).

Packs of I00 and 250 tablets Prescribable on E.C. I0 U.K. Patents 722009, 585994, 607258 and 743495.

Manufactured and distributed in England by CAMDEN CHEMICAL CO. Ltd., London W.C. I

DISIP

orphenadrine hydrochloride



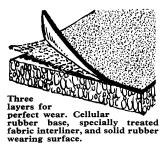
or

N.V. Koninklijke Pharmaceutische Fabrieken v/h BROCADES - STHEEMAN & PHARMACIA Amsterdam Holland



### **BULGOMME-SILENCE**

# The jointless foam rubber based flooring



Already many hospitals are enjoying the unique benefits of Bulgomme Flooring. They include St. Thomas's, London; Peterborough Hospital; The London Hospital; Battle Hospital, Reading; The Royal Victoria Hospital, Newcastle; Nottingham General Hospital; and St. Francis's Hospital, Hayward's Heath.

Everyone benefits with sound-absorbing Bulgomme-Silence Flooring. Staff and patients appreciate the smooth, non-slip surface which can just be wiped clean with a damp cloth and the luxurious foam rubber base which gives such ease and comfort of walking.



Write now for the fully illustrated BULGOMME-SILENCE brochure to:—

### Bernard J. ARNULL

UNITED KINGDOM COMMERCIAL MANAGER

13 MONTPELIER ROAD, EALING, LONDON, W.5. Tel.: PERivale 6550



### Remarkably safe and free from toxic effects

## Nydrane

### in the treatment of Grand-mal and Psychomotor Epilepsy

NYDRANE is remarkable in that no toxic or unpleasant sideeffects have been experienced with its use

NYDRANE usually makes patients more mentally alert, brighter, and more co-operative, opposing even the soporific action of any other anticonvulsant used

NYDRANE often successfully stabilises the more resistant cases, enabling them to lead a more normal, useful life

NYDRANE tablets are readily accepted and well tolerated

Nydrane tablets each containing 500 mg. n-benzyl-β-chloropropionamide, and Nydrane Co. tablets each containing 500 mg. n-benzyl-β-chloropropionamide and 20 mg. Phenobarbitone, are available in bottles of 50 and 250, and tins of 1,000 tablets

Prescribable on the N.H.S.

Literature and samples gladly sent on request



#### RONA LABORATORIES LTD

12/13 Molyneux Street, London, W.1

AMBassador 4437/8

### Geigy Tofranil®

N-(y-Dimethylaminopropyl)-iminodibenzyl hydrochloride

### **Thymoleptic**

Thymoleptic is the word which best describes the unique mood-regulating properties possessed by Tofranil; properties which inaugurate a new category of mental drugs. The remarkable clinical improvement produced by Tofranil is on a different plane from the effect on individual symptoms, which characterizes other drugs. It has made possible the successful treatment of the large majority of depressive cases without the need for E.C.T. Tofranil is not suitable for the treatment of schizophrenia and it is not a tranquillizer.

### Indications

**Endogenous depressions** 

Depression due to involutional and organic changes

Depression accompanying psycho-neurotic states

#### **Availability**

Prices to mental hospitals only

### Tablets

(sugar coated) each containing 25 mg.

#### Containers of

50 tablets . . . . . . 16s. 8d. 200 tablets . . . . . . 62s. 6d.

### Ampoules Containers of

each containing 25 mg. in 2 ml.

10 ampoules . . . . . . 18s. **0d.** 50 ampoules . . . . . . **80s. 0d.** 

Tofranil is available only to mental hospitals and other psychiatric units direct from Wythenshawe.

#### ® means Registered Trade Mark

Geigy Pharmaceutical Company Ltd., Wythenshawe, Manchester, 23.

## a new, effective treatment in a wide range of psychiatric disorders

# Fentazin

### broad-span effectiveness

- effective in anxiety and tension states
- effective in nausea and vomiting
  - effective in psychoneuroses
  - effective in psychoses

Fentazin is remarkably effective for the treatment of a wide range of psychiatric disorders. Fentazin is several times more active than older phenothiazines, and is effective in proportionately smaller dosage. Side-effects are greatly reduced: indeed, Fentazin in recommended dosage produces virtually no side-effects.

Because it is so safe, Fentazin may be used for the routine management of anxiety and tension states. Because it is so active, it is effective in even severe psychoses. Fentazin safely spans the field from anxiety to schizophrenia. Fentazin tablets contain 2 mg., 4 mg., or 8 mg. perphenazine. Supplied in bottles of 50 and 500 tablets of each strength. Fentazin Injection contains 5 mg. perphenazine in each c.c., supplied in boxes of  $5 \times 1$  c.c. ampoules.



FENTAZIN is a trade mark

AH458

ALLEN & HANBURYS LTD LONDON E2

"the overall picture was a quieter ward with an increase in interest, initiative and occupational capacity." J.MENT.SCI. (1957) 103, 610.





## PACATAL

Different phenothiazine derivatives exhibit their greatest usefulness in different types of mental disorder and in different types of patient. Accumulated evidence shows that Pacatal is of particular value for:

- RECENT ACUTE SCHIZOPHRENICS
- CHRONIC SCHIZOPHRENICS
- OBSESSIVE-COMPULSIVES
- AGITATED DEPRESSIVES
- •SENILE PATIENTS

and in the control of:

Aggression · Impulsiveness · Overactivity

In general, Pacatal tends to produce better results in patients over fifty than in the younger age groups and it has been observed that women often respond better than men.

A notable feature of Pacatal is that patients receiving it are not made drowsy or "flattened". They remain alert and are thus able to co-operate in other forms of treatment.

#### **PRESENTATION**

Tablets 25 and 100 mg. in bottles of 50 and 500. Ampoules each containing 50 mg. in 2 ml. in boxes of 10 and 50.



WILLIAM R. WARNER & CO. LTD. EASTLEIGH, HAMPSHIRE.

PAC389/26



PROCHLORPERAZINE

in

#### PSYCHOTIC ILLNESSES

Clinical trials of prochlorperazine in psychoses have been in progress in mental hospitals in the United Kingdom and abroad for more than two years. Evidence from these widespread studies, some of which are still in progress, has indicated that prochlorperazine is a valuable addition to those drugs already available for the management of psychotic illnesses.

The primary indication of 'Stemetil' is in the management of schizophrenia. In many cases 'Stemetil' may make withdrawn, autistic, catatonic cases amenable to psychotherapy at a relatively early stage in treatment.

It may be employed successfully in the management of excitement whether associated with schizophrenia, the manic-depressive psychosis, or other psychiatric conditions wherein agitation and excitement are notable features. Although the drug has been used on a very large number of patients, no case of jaundice or blood dyscrasia attributable to its use, has been reported.

#### PRESENTATIONS:

Tablets of 25 mg. of the maleate; suppositories containing 25 mg. of the maleate; ampoules of 1 c.c. and 2 c.c. of a  $1 \cdot 25\%$  solution of the methanesulphonate.

Further information is available on request



MA5491

### Acute and chronic psychoses, schizophrenia



The rapid onset of the psychotropic action of orphenadrine\*
 supplements the more gradual psychic integration caused by reserpine.

### ELIMIT

(1 mg reserpine and 50 mg orphenadrine hydrochloride)

- Marked decrease of side-effects.
- Shortened period of treatment.

N.H.S. prices 100 tabl. 18/5

500 tabl. 79/11

Prescribable on E.C. 10.

#### CAMDEN CHEMICAL COMPANY LTD. LONDON



licensee of:

N.V. KONINKLIJKE PHARMACEUTISCHE FABRIEKEN V/N BROCADES - STHEEMAN & PHARMACIA AMSTERDAM - HOLLAND

eavailable as Disipal

U.K. Patent Nos. 607.258 and 743.495

### 'ECTONUSTIM'



### E.C.T. APPARATUS and CEREBRAL STIMULATOR

(A.C. or D.C. Mains)

For a new improved E.C.T technique which eliminates the need for muscle relaxants and anaesthetics.

#### Also:

- 'ECTONUS'
  - -E.C.T. apparatus
- 'ECTRON'
  - —E.C.T. apparatus
- 'ECTRON'
  - -Rubber Mouth Gag
- 'ECTRONOLYTE'
  - -Electrolyte Powder

Write for full details to: ECTRON LTD

REELEK WORKS · BALDOCK · HERTS · ENGLAND

Telegrams: "Reelek" Baldock Telephone: Baldock 3276

Publication May 28—a study by a Russian specialist

# SOVIET MEDICINE in the fight against MENTAL DISEASES

L. Rokhlin 5s.

Development of psychiatry in 19th-century Russia; the debt to Pavlov; origins and treatment of mental disorders; psychiatric services in Russia today.

Lawrence & Wishart

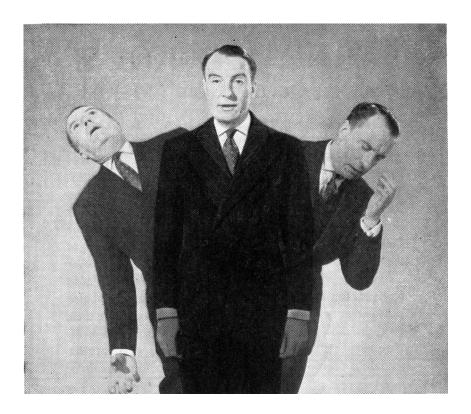
#### CLINICAL PSYCHOLOGISTS

(MASTERS DEGREE)

wanted by

#### PROVINCIAL MENTAL HEALTH SERVICES OF B.C. CANADA

Write for full particulars re existing vacancies, salaries and working conditions, etc., to: Competition No: 58:614 Civil Service Commission, Essondale, B.C. Canada



## Now an epileptic can face the day with confidence-on 'Mysoline'

Clinical experience has clearly shown that with proper treatment and understanding most epileptics can lead full and happy lives. To achieve this the selection of an appropriate drug is most essential.

Evidence of the efficacy of 'Mysoline' continues to pour in from all parts of the world. It has been found that it not only reduces the frequency and severity of attacks but also has a beneficial effect on the general condition and outlook of the patient. Mental alertness replaces former dullness, and there is a renewed interest in normal activities, and a general im-

provement in sociability.

For these reasons, when an improvement in performance is desirable, it is often advantageous to use 'Mysoline' in cases already controlled by other drugs.

'Mysoline' combines high activity with low toxicity, a wide margin of safety and absence of hypnotic effect during established treatment.

Available as tablets of 0.25 G and as a palatable oral suspension. Basic N.H.S. costs: 4/4d. for 30 Tablets dispensed from pack of 1,000 and 5/8d. for 100ml. of Suspension.



IMPERIAL CHEMICAL INDUSTRIES LIMITED
Pharmaceuticals Division Wilmslow Cheshire Ph.8.



### BARNWOOD HOUSE

### GLOUCESTER

REGISTERED HOSPITAL (outside the National Health Service), for the CARE and TREATMENT ofLADIES and **GENTLEMEN** suffering from NERVOUS and MENTAL DISORDERS. Within two miles of the Western and London Midland Regional Railway Stations at Gloucester, the Hospital is easily accessible by rail from London and all parts of the United Kingdom. It is beautifully situated at the foot of the Cotswold Hills, and stands in its own grounds of over Voluntary Patients of both sexes are also received for treatment. Special accommodation is also provided at two villa residences, both of which stand in their own grounds and are entirely separate from the main All the most modern methods of treatment Hospital. including electric shock and prefrontal leucotomy are used.

### **HUME TOWERS**

### 27 BRANKSOME WOOD ROAD, BOURNEMOUTH

TELEPHONE: WESTBOURNE 64384

has been opened as an ordinary nursing home for all kinds of borderline mental and nervous breakdown, with special accommodation for geriatric cases in a separate villa. Applications for admissions should be made to the Resident Medical Officer, Hume Towers.

For Terms, etc., apply to

G. W. T. H. FLEMING, M.R.C.S., L.R.C.P., D.P.M.,
Physician Superintendent

TELEPHONE: No. 66207 GLOUCESTER



# La Métairie

NYON (Switzerland)

Lake of Geneva

Private Nursing Home, Founded in 1857. Several villas in a large park

### All types of modern Treatment for Mental & Nervous Diseases

Rest Cures - Psychotherapy - Insulin Sleep Cures - Carbo-Oxygen Therapy Electro-shock

For further information: Apply to Dr. W. SEMADENI, Chief Doctor
Telephone 9.65.91

### SPRINGFIELD HOUSE, Near BEDFORD

Telephone: Bedford 3417

A Private Mental Hospital two miles from Bedford Station, for 48 patients of both sexes (Certified or Voluntary). Extensive grounds and vegetable garden. Elderly patients requiring special care and attention are admitted.

Fees from 10 Guineas per week.

For Forms of Admission, etc., apply to the Resident Physician, CEDRIC W. BOWER

### ST. ANDREW'S CONVENT, STIRCHES, HAWICK

Rox., Scotland

Private Licensed Home, under the care of the Augustinian Sisters, for the treatment and cure of ladies mentally afflicted. Voluntary boarders taken. Forty-two patients.

For particulars apply to Superioress

Tel. No. Hawick 2360

Enquiries regarding advertising in

### JOURNAL OF MENTAL SCIENCE

should be addressed to:—

Advertisement Manager

### ALDRIDGE PRESS LTD

27 Chancery Lane London WC2

Telephone: HOLborn 8655

Telephone: HOLborn 8655

Telephone: Presreps, Holb, London

https://doi.org/10.1192/S0368315X00240723 Published online by Cambridge University Press

### NORTHUMBERLAND HOUSE

A Psychiatric Nursing Home for voluntary and certified patients. Situated in pleasant grounds at 237-9 Ballards Lane, N.3. Tel. FINchley 5283. Resident Medical Director, Dr. Robert M. Riggall, Memb. Brit. Psycho-Analytical Socy. Deep Insulin Coma Unit, psychotherapy, etc. Central heating and running water in all rooms.

### HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental illness. All types of treatment carried out. Accommodation for Alcoholics and Addicts available. Special Geriatric Unit now open.

Fees from 8 gns. per week upwards according to requirements.

Apply to Dr. J. A. SMALL.

Telephone: Norwich 20080.

### CHISWICK HOUSE, Moss Lane, Pinner, Middlesex

Telephone: Pinner 234

Private Nursing Home for Nervous and Mild Mental Disorders and Alcoholism.

Psychotherapy, E.C.T., Modified insulin. etc. Fees from 18 guineas a week inclusive of nursing and medical attention. Forty patients of both sexes including a small number of long-term elderly cases. Two country houses in 5 and 6 acres respectively in adjoining grounds. Twelve miles north-west of London. Easily accessible by Metropolitan train from Baker Street to Pinner. Ten minutes walk from Pinner station.

Apply to the Medical Director, DOUGLAS MACAULAY, M.D., D.P.M.

### HITCHAM PLACE, BURNHAM, BUCKS.

(late Fenstanton, Christchurch Road, S.W.2)

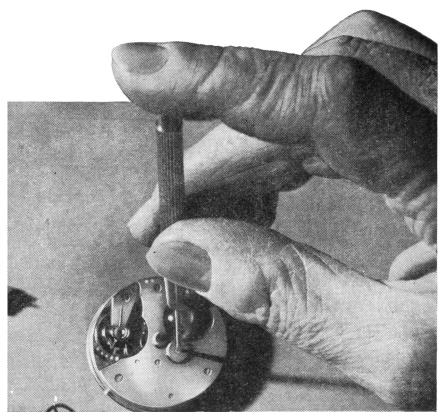
A Private Home for the Care and Treatment of a limited number of Ladies with Mental and Nervous Disorders. Temporary and Voluntary Patients received. Large Country Mansion with twenty acres of grounds in Green Belt. Home-like surroundings.

Apply: Dr. Madeline R. Lockwood, Resident Physician. Telephone: Burnham 624

### INDEX TO ADVERTISERS

							PAGE
Allen & Hanbury Ltd				•	•		. vi
Bulgomme-Silence				•	•	•	. iii
Camden Chemical Co. Ltd				•			. ii and ix
Civil Service Commission, Canada				•			. x
Ectron Ltd		•	•				. x
Geigy Pharmaceutical Co. Ltd.			•				. v
Imperial Chemical Industries Ltd.			•			•	. xi
Lawrence & Wishart Ltd						•	. x
Lederle Laboratories Ltd				•	•	•	. xvi
Eli Lilley & Co. Ltd		•		•	•	•	. Cover 3
May & Baker Ltd	•			•	•		. viii
Rona Laboratories Ltd	•	•		•	•		. iv
Smith, Kline & French Laboratorie	s Ltd	l					. i
Vitamins Ltd	•	•	•				. xviii
William R. Warner & Co. Ltd.	•						. vii
Nursing Homes:							
Barnwood House, Gloucester.						•	. xii
Chiswick House, Pinner		•			•		. xiv
Heigham Hall, Norwich	•	•	•			•	. xiv
Hitcham Place, Burnham, Bucks.	•	•			٠		. xiv
Hume Towers, Bournemouth.							. xii
La Metairie, Nyon, Switzerland							. xiii
Northumberland House, Finchley,	N.3		•			•	. xiv
St. Andrews Covent, Stirches, Haw	vick						. xii
Springfield House Redford							xii

## This man has Parkinsonism



# but he also has ARTAR





The classic treatment for postencephalitic, arteriosclerotic and idiopathic Parkinsonism

ELIXIR 2 mg. per 5 cc. Bottles of 16 fl. oz.

TABLETS 2 mg. and 5 mg. Bottles of 100 and 1,000



LEDERLE LABORATORIES

A GIVISION OF GREAT BRITAIN LTD. London W.C.2



### INSTRUCTIONS TO AUTHORS

Strict observation of the following requirements will save intending authors considerable time and worry, and will facilitate the publication of papers submitted.

- (1) Authors should consult a current issue to see how a paper should be presented. They should consult General Notes on the Preparation of Scientific Papers, published for the Royal Society by the Cambridge University Press, 200 Euston Road, London, N.W.1 (price 2s. 9d. post free).
- (2) The title should be brief and contain no sub-heading. This should be followed by the author's name, his qualifications and his present appointment.
- (3) Omit a summary of the literature when this has been adequately summarized elsewhere.
- (4) For reasons of economy, case-histories of patients can be published only when they are of exceptional scientific interest.
- (5) Diagrams and graphs must be drawn in black ink with properly printed lettering. If they have to be redrawn by the printer, the cost, which may amount to several pounds, will be charged to the author.
- (6) Tables and graphs should be kept as few as possible. If they number more than a few, the author must be prepared to pay part of their cost.
- (7) Any deviation or difference that might be due to random sampling must, if it is to be discussed in its general, scientific significance, be first shown, by calculation of the appropriate probability, to be significant statistically.
- (8) All references should be given at the end of the paper, in alphabetical order, and be numbered, i.e.
  - (1) SMITH, A. B., J. Ment. Sci., 1950, 95, 493.
  - (2) THOMAS, B. C., Arch. Neur. Psychiat., 1955, 74, 489.

In the body of the paper they should appear as: Smith (1), Thomas (2).

- (9) When the proof arrives from the printer it is for the correction of printer's mistakes only. Larger alterations can be made only with the Editor's permission and if the author is willing to defray the cost.
- (10) Each author and co-author will receive 10 reprints of his paper free of charge. If further reprints are required the order should be sent direct to Messrs. Headley Brothers, Ltd., The Invicta Press, Ashford, Kent, at the time the galley proof is sent to the author. Orders for reprints must not be sent to the Editor-in-Chief.
- (11) A paper sent to the Editor-in-Chief is, as a rule, sent to one of the panel of Referees set out on the cover of the Journal for his opinion.

#### PARENTROVITE IN GENERAL PRACTICE

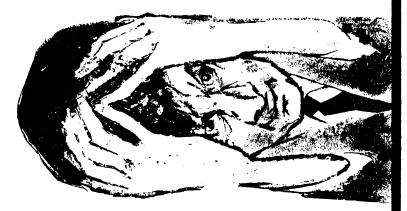
Parentrovite, a high potency injectable preparation of the vitamin B complex with vitamin C, is being found increasingly useful in general practice. Introduced originally for the treatment of acute psychiatric emergencies such as coma or delirium from alcohol or drug overdosage, it has since been found to be of much wider application for conditions often met in patients being nursed at home.

The formula is based on the fact that normal cerebral function depends on the oxidation of glucose and that any interference with the underlying biochemical mechanisms can cause symptoms of mental disturbance. Severe infections, burns, trauma, surgical operations and "stresses" of all kinds can be as potent as drugs and alcohol in causing interference with the enzyme systems responsible for glucose oxidation and resultant failure of return to health.

To reverse such changes and to restore normal cerebral function, massive doses of the B vitamins and ascorbic acid are needed—doses out of all proportion to normal nutritional needs. The vitamins are used here not as nutrients but as potent drugs employed pharmacologically.

#### **Conditions Reported Responsive to Parentrovite**

The after-effects of influenza, pneumonia and other severe infections, Port-operative depression and confusion, Debility with loss of memory in old people, Alcoholism, acute and chronic, Habituation to barbiturates.



### **Parentrovite**

PACKS: in boxes of 3 and 12 pairs. Hospital pack also available.

Standard Reference Cards with factual information on all our products now available. Produced in accordance with the specifications of the Association of the British Pharmaceutical Industry. Our representative will be pleased to supply you with a complete set, or write to:

VITAMINS LIMITED, UPPER MALL, LONDON, W.6.