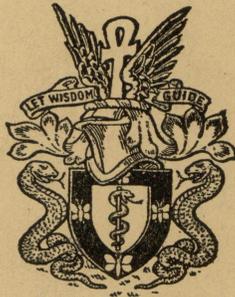


Vol. 104, No. 437

OCTOBER, 1958

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	F. L. Golla	T. F. Main
P. K. McCowan	A. Meyer	R. M. Norman
M. Partridge	W. Linford Rees	B. W. Richards
	W. Warren	

(The above constitute the Journal Committee)

AND

Lord Adrian	C. J. C. Earl
W. Ross Ashby	J. N. P. Moore
Sir F. C. Bartlett	A. A. W. Petrie
Sir W. E. le Gros Clark	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, 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, 1958. 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 (at special price to members of R.M.P.A.).

Vol. 3, 1958 (do.) .

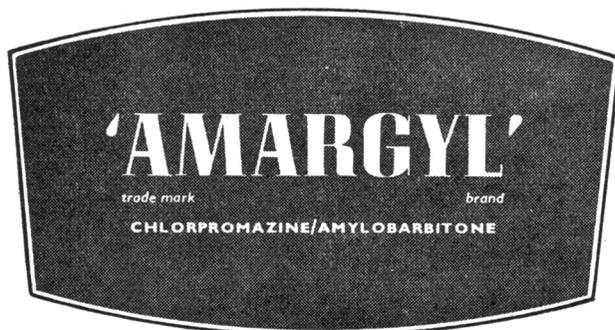


Feelings of insecurity, anxiety and depression are promptly relieved by **Drinamyl** tablets

Each 'Drinamyl' tablet contains 5 mg. dexamphetamine sulphate BP and 32 mg. amylobarbitone

SMITH KLINE & FRENCH LABORATORIES LTD

DL.PA108 *'Drinamyl' is a trade mark*



This association of 'Largactil' with amylobarbitone allows the characteristic therapeutic response of chlorpromazine to be obtained while the clinical usefulness of the amylobarbitone is increased.

The indications for 'Amargyl' are mainly in psychoneuroses, particularly in anxiety and tension states, and as an adjuvant to psychotherapy.

'Amargyl' is presented as lime-coloured, sugar-coated tablets each containing chlorpromazine hydrochloride 25 mg., and amylobarbitone 50 mg.

Further information is available on request



MANUFACTURED BY

MAY & BAKER LTD

An M&B brand Medical Product

MA4881

DISTRIBUTORS

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD · DAGENHAM

Acute and chronic psychoses, schizophrenia



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

ELIMIT

(1 mg reserpine and 50 mg orphenadrine hydrochloride)

CAMDEN CHEMICAL COMPANY LTD. LONDON



licensee of:

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

*available as *Disipal*

U.K. Patent Nos. 607.258 and 743.495



**Remarkably safe and
free from toxic effects**

N y d r a n e

n-BENZYL- β -CHLOROPROPIONAMIDE

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

NYDRANE is remarkable in that no toxic or unpleasant side-effects 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 *colourless, odourless*, and 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

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



PACATAL

TRADE MARK

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.

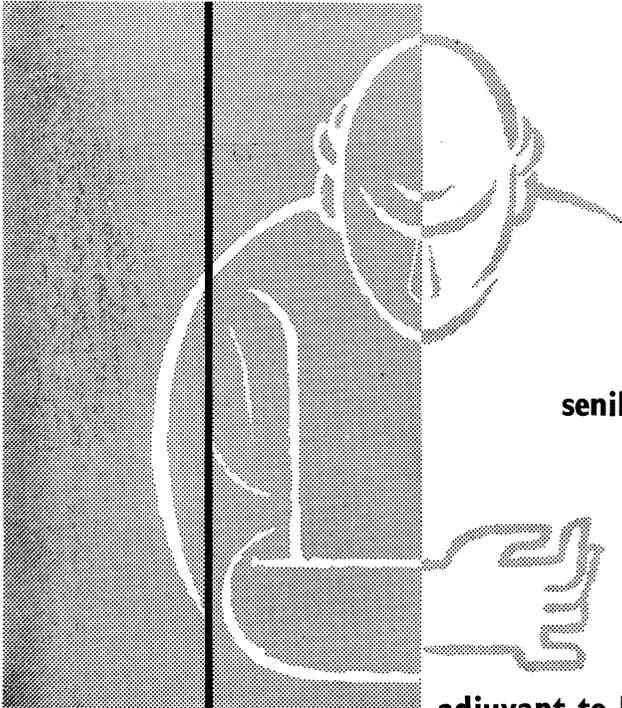
PRESENTATION

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



1.
senile and presenile
depression

2.
parkinsonism

3.
adjuvant to Reserpine treatment
of chronic and acute schizophrenia

DISIPAL
regd.

orphenadrine hydrochloride

"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 100 and 250 tablets
Prescribable on E.C. 10

U.K. Patents 722009, 585994, 607258 and 743495.

Manufactured and distributed in England by
CAMDEN CHEMICAL CO. Ltd., London W.C. 1



for

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

A new approach to the therapy of mental diseases

atrol

BRAND

dimethylaminoethanol bitartrate

Recent investigations SCIENCE (1957);

AM. JOUR. PSYCHIAT. (JAN. 1958) have shown that this

drug may be useful in the treatment of certain

mental disorders. Its trial is suggested

in depression unaccompanied by agitation,

in psychosomatic disorders and in schizophrenia.

Literature available on request.

PACKS

Tablet of 5 mg. in containers of 50 and 500

Tablet of 20 mg. (scored) in containers of 100 and 500

REFERENCES

Science, **126**, 3274, 610-611 (1957)

Am. Jour. Psychiat., **114**, 655-656 (Jan. 1958)



DUNCAN FLOCKHART OF EDINBURGH

The Doctors' House

DUNCAN, FLOCKHART & CO LTD · WHEATFIELD ROAD · EDINBURGH 11

aat/3/58m



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

'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



Introducing

'MEGIMATED' *Barbiturates*

Safety in Barbiturate Therapy

*risk of 'accident' from
overdosage virtually eliminated*

Search for a less toxic form for the administration of Barbiturates has shown that the incorporation of 'MEGIMIDE' (Bemegrade), while preserving the major therapeutic actions of the barbiturates, significantly modifies their usual toxic manifestations at overdosage levels.

'MEGOBAR'

Trade Mark

providing safer sedation

Tablets each containing:—

Phenobarbitone	30 mg.
'MEGIMIDE'	3 mg.

'PHENAGLATE'

Trade Mark

a quick-acting, medium duration hypnotic for routine use.

Capsules each containing:—

Quinalbarbitone sodium	50 mg.
Phenobarbitone	25 mg.
'MEGIMIDE'	7.5 mg.

Literature and samples on request



A Nicholas Product

A. & G. Nicholas LTD. Slough, Bucks, England

BARNWOOD HOUSE

GLOUCESTER

A REGISTERED HOSPITAL (outside the National Health Service), for the CARE and TREATMENT of LADIES 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 300 acres. 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 Hospital. All the most modern methods of treatment including electric shock and prefrontal leucotomy are used.

HUME TOWERS

27 BRANKSOME WOOD ROAD, BOURNEMOUTH

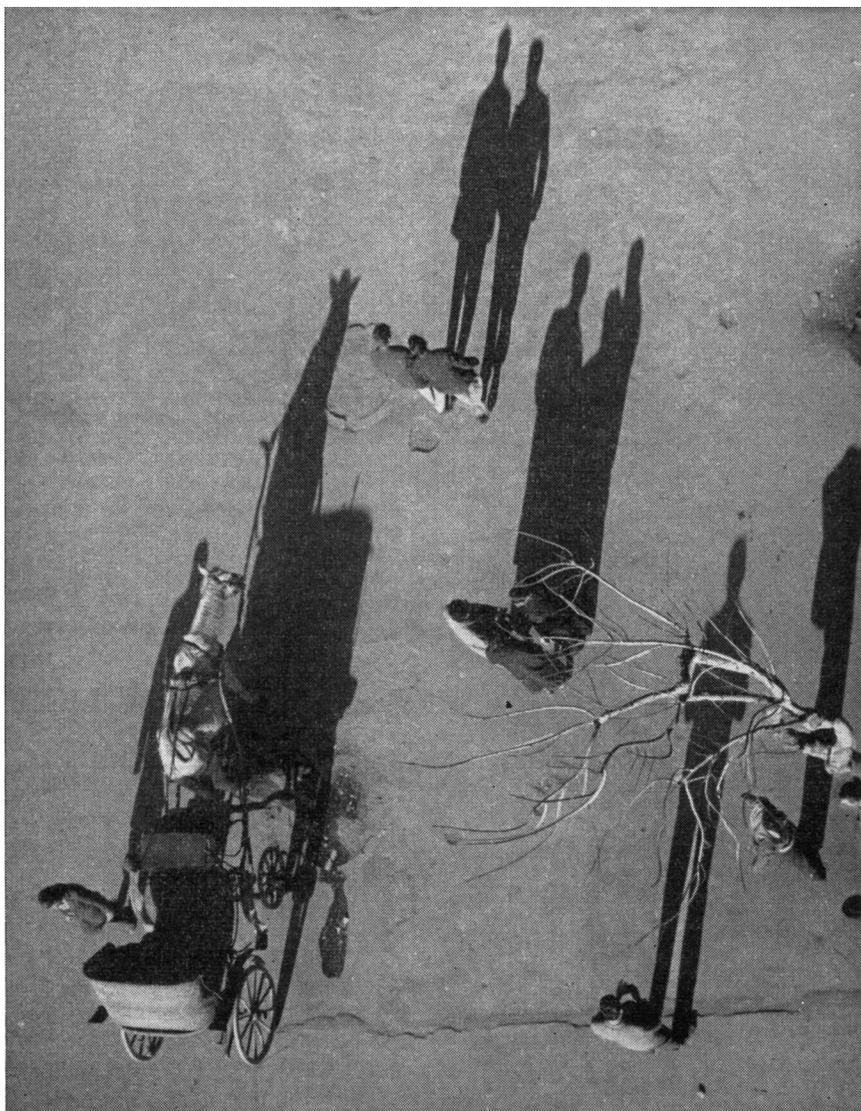
TELEPHONE: WESTBOURNE 64384

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



Like shadows dappled on a sunlit street, the pictures which many people have of their lives may be distorted and flattened out of all recognition. Often the viewpoint of these tense, anxious patients is determined by factors beyond your control, for you cannot always remove the cause of their anxieties nor directly solve their problems.

By prescribing Equanil, however, you can provide them with safe, selective sedation which allows such souls to view their lives in true perspective, freed from the flickering fancies of their imaginations.

PACKS: *Bottles of 20 and 250.
Tablets of 400 mg. and 200 mg. (Half-strength)*

EQUANIL *meprobamate*
trade mark



JOHN WYETH AND BROTHER LIMITED, CLIFTON HOUSE, EUSTON ROAD, LONDON, N.W.1
Eq.6

== J. & A. CHURCHILL LTD. ==

New (Second) Edition

Ready November

BIOCHEMISTRY AND THE CENTRAL NERVOUS SYSTEM

By H. McILWAIN, Ph.D., D.Sc.

45 Illustrations

About 45s.

by the same author:

CHEMOTHERAPY AND THE CENTRAL NERVOUS SYSTEM

61 Illustrations

45s.

MENTAL DEFICIENCY

By L. T. HILLIARD, M.A., M.B., D.P.M., and B. H. KIRMAN, M.D., D.P.M.

90 Illustrations

60s.

RECENT ADVANCES IN NEUROLOGY AND NEUROPSYCHIATRY

By Sir RUSSELL BRAIN, Bt., M.A., D.M., F.R.C.P., and E. B. STRAUSS, M.A., D.M., F.R.C.P.

Sixth Edition 46 Illustrations

30s.

From U.S.A.

Just Available

A New Book

RETICULAR FORMATION OF THE BRAIN
Henry Ford Hospital International Symposium

Profusely Illustrated

115s.

HEAD INJURIES**Mechanisms, Diagnosis & Management**

By E. S. GURDJIAN, M.D. and J. E. WEBSTER, M.D.

Ready November

108 Illustrations

100s.

EPILEPSY AND THE FUNCTIONAL ANATOMY OF THE HUMAN BRAIN

By WILDER PENFIELD, O.M., C.M.G., M.D., D.Sc., F.R.C.S., F.R.S., and HERBERT JASPER, M.D., C.M.

8 colour plates and 314 other illustrations 115s.

A PRIMER ON COMMON FUNCTIONAL DISORDERS

By J. W. FLEMING, M.D.

15 Illustrations

36s.

PSYCHOTHERAPY OF THE CHRONIC SCHIZOPHRENIC PATIENT

Edited by CARL A. WHITAKER, M.D. 36s.

Ciba Foundation Symposia

CEREBROSPINAL FLUID

Production, Circulation, and Absorption

141 Illustrations

50s.

NEUROLOGICAL BASIS OF BEHAVIOUR

109 Illustrations

52s. 6d.

== 104 Gloucester Place, London, W.1 ==



Oxford University Press

Psychiatry and the Public Health

G. R. HARGREAVES, O.B.E.

Nuffield Professor of Psychiatry, University of Leeds

Contents: Psychiatry and its Origins. Psychiatry and Society. Psychiatry and Medical Administration. Psychiatry and the Family Doctor. Psychiatry and Public Health Practice.

Demy 8vo

118 pages

12s. 6d. net



Order out of confusion

'Mysoline' in the control of epilepsy

'Mysoline' not only reduces the frequency and severity of epileptic attacks, but also produces a marked sense of well-being. The patient is encouraged to take a renewed and more vigorous interest in life and to become a self-supporting member of the community.

For these reasons it is often advantageous to use 'Mysoline' in cases already controlled by other drugs, but in which a heightened interest and

improved performance is desirable.

Universally acknowledged as a major advance, 'Mysoline' is indicated in all the manifestations of epilepsy. This outstandingly safe and effective anti-convulsant is 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 packs of 1,000 and 5/8d. for 100 ml. of Suspension.

Mysoline TRADE MARK **PRIMIDONE B.P.**

IMPERIAL CHEMICAL INDUSTRIES LIMITED
PHARMACEUTICALS DIVISION WILMSLOW CHESHIRE



Ph826/1

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

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

NEW MENNINGER MONOGRAPHS

THEORY OF PSYCHO-ANALYTIC TECHNIQUE

by **Karl A. Menninger**

"This is an essential book for the entrant into psychotherapeutic practice. It will give him a clearcut plan of campaign, a blue-print of professional responsibilities, and an authoritative answer to many of the problems which the first years of practice will bring."—*Lector Medicus*.

Large demy 8vo, 206+xvi pp.

25s.

THE TEACHING AND LEARNING OF PSYCHOTHERAPY

by **Rudolf Ekstein and Robert S. Wallerstein**

The first work to present the theory, methods, techniques, goals and problems involved, illustrated by case records.

Large demy 8vo, 334+xvi pp.

42s.

PERSONALITY PATTERNS OF PSYCHIATRISTS

by **Robert R. Holt and Lester Luborsky**

Describes the techniques of projective testing, objective evaluation and personal interview devised by the authors over a considerable period, for the screening of applicants for psychiatric training.

Publication December. Large demy 8vo, 386+xiv pp.

42s.

HOSPITAL TREATMENT OF ALCOHOLISM

by **Robert S. Wallerstein and Associates**

A comparative experimental study of four treatment methods: antabuse, conditioned reflex therapy, group hypnotherapy and closed ward milieu, with a correlation of results according to the varying personality structures of the patients. "This well-planned work . . . should be read by every worker in this field."—*Proceedings of the Royal Society of Medicine*.

Large demy 8vo, 206+xii pp.

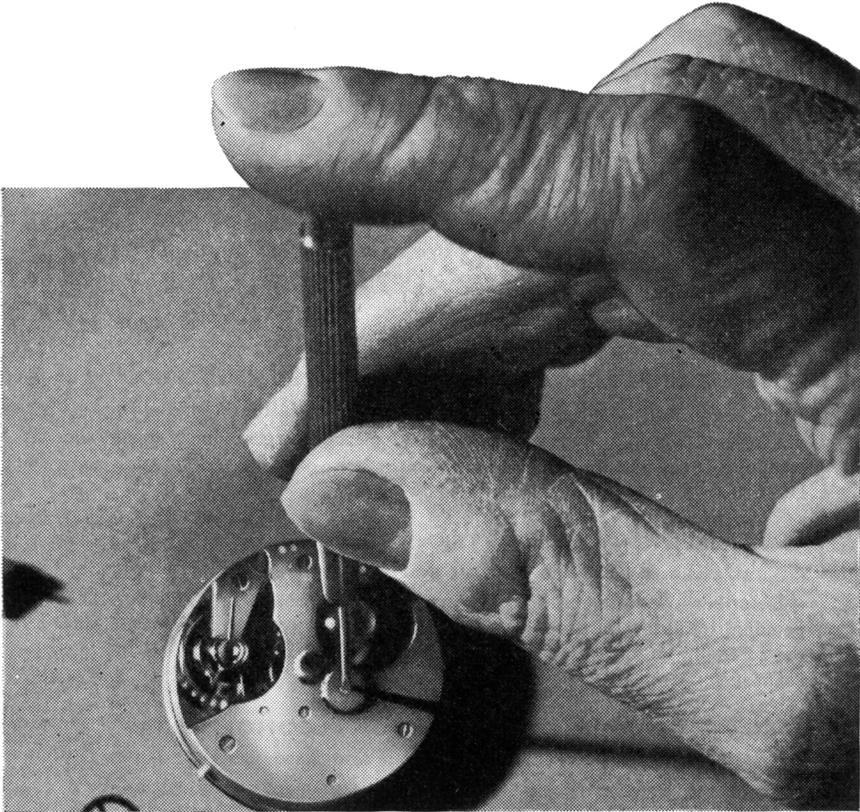
42s.

Catalogue on Application

IMAGO PUBLISHING CO LTD

Craven House 121 Kingsway London WC2

This man has Parkinsonism



but he also has **ARTANE**^{*}

TRIHENYPHENIDYL

* REGD. TRADEMARK

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 DIVISION

Cyanamid 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.

HIGH CONCENTRATION BY ORAL ADMINISTRATION

The realization that vitamins of the B complex are co-enzymes in intracellular oxidations and phosphorylations has led to their use in high doses. Only by a raised concentration of these factors within the cell can disordered metabolic exchanges be rapidly restored to normal. Hence Orovite—elixir and tablets.

orovite

High dosage Vitamin B complex for oral use *

PARENTROVITE
Massive dose of injectable B complex with vitamin C for restoring consciousness and rational behaviour in coma and toxic states due to drugs and infective agents.

BECOVITE & BEFORTISS
Two groups of preparations for intensive and maintenance therapy—combining the vitamin B complex in less massive concentrations.

* *Vitamin C can be added as ASCORVEL*

VITAMINS LIMITED

Standard Reference Cards

Factual information on all our products is available. Produced in accordance with A.B.F.I. Specifications, cards can be obtained from our representatives or from Vitamins Ltd.

(DEPT.AR.8), UPPER MALL, LONDON, W.6



Photograph by Pace

LESLIE COLIN COOK
President 1958-59

[Frontispiece