the specialist Insurance Company for the Medical and Dental Professions provides the particular insurances you need at every step in your career.

In the years of retirement, a regular income can be secured by one of the specially designed policies.

Remember, the Medical Sickness Society belongs to the Medical and Dental Professions.

PENSION AND ANNUITY CONTRACTS

LIFE ASSURANCES

Whole Life, Endowment

Special Policies for Students and Newly Qualified Practitioners and

CAR FINANCE

Through our Subsidiary Company

Write for particulars
to the General Manager and Actuary
THE MEDICAL SICKNESS ANNUITY & LIFE ASSURANCE SOCIETY LTD.,
7-10 Chandos Street,
Telephone: MUSEum 1686 (15 lines).
Drapolene specific for napkin rash

The success of Drapolene as a preventive and treatment of napkin rash is due to its activity against the urea splitting organisms which are known to be the causative factor of this common skin condition.

Drapolene is formulated in a pleasant water miscible base which promotes residual activity, thus preventing the liberation of free urinary ammonia.

Drapolene is quick acting, even where an ulcerated condition has developed. It also assists cleansing of the affected area.

FORMULA
Benzalkonium chloride: 0.01 per cent in a water miscible base.

PRESENTATION
2 oz. tube and 1 lb. jar

CALMIC LIMITED: CREWE: CHESHIRE
Tel: Crewe 325 (3 lines)
LONDON: 2 Mansfield Street, W.1.
"Hence, loathed Melancholy"
— Milton, L’Allegro

“stitute, endorphine hydrochloride

ALLEGRON may be described as a truly multi-phasic psychotrope, embodying anti-depressant, anti-anxiety and anti-hostility* activity in a single substance, to a degree of effectiveness comparing favourably with other drugs. Of some 2,000 patients reported on by 150 clinical investigators, almost four out of five showed satisfactory response, and of these, almost four out of five by the end of the second week. ALLEGRON is suitable for patients in and out of hospital. It has also shown particular power to relieve anxiety and depressive symptoms associated with many medical disorders and in childhood and old age. It is a valuable adjunct in psychotherapy.

Side effects with ALLEGRON are relatively infrequent and usually mild. As with all potent psychotropic drugs, however, certain precautions should be observed. Full information has been or is being made available to all members of the medical profession. Please inquire if you have not yet received it.

Dosage:
Usual recommended dosages (in divided doses) are
20–100 mg. daily for adults,
10–75 mg. daily for children (1–2 mg. per kg. of body weight)

Presentation:
ALLEGRON is available as tablets 10 mg. (yellow), Basic N.H.S.
Cost of 25 tablets from pack of 100—2s. 8d.
tablets 25 mg. (orange), Basic N.H.S.
Cost of 25 tablets from pack of 100—5s. 4d.
liquid (10 mg. per 5 ml.), Basic N.H.S.
Cost of 115 ml. bottle—4s. 6d.
Prices subject to Purchase Tax
Further information is available on request

ALLEGRON is a trade mark

DISTA PRODUCTS LIMITED SPEKE LIVERPOOL 24

PPH 2263 D.54B
The
Encyclopaedia
of
General Practice

Edited by
G.F. Abercrombie, V.R.D., M.A., M.D., Past-President, College of General Practitioners
and
R. M. S. McConaghey, M.D., Editor, The Journal of the College of General Practitioners

General practitioners will welcome The Encyclopaedia of General Practice. This comprehensive reference work deals with all the conditions they are likely to meet.

The contributors are themselves general practitioners or consultants who have had experience in general practice, and the editors have ensured that each article is authoritative and relevant to general practice. Where emergency conditions are discussed, prominence is given to the role of the general practitioner and his course of action, and, when a condition passes into the realm of a specialist, a general outline is given to show how specialist advice, investigation and treatment may help. In each case practical details of treatment are given, including dosage, route of administration, frequency of dosage and duration of drug treatment.

Articles are arranged alphabetically, with grouping of conditions where this will help the doctor in his use of the work; and complete articles are devoted to important symptoms as well as to disease states.

The Encyclopaedia of General Practice is the result of long and detailed planning, and will serve as a complete reference library for many years. In his foreword, Lord Cohen of Birkenhead writes: “I have been privileged to read several of the contributions and I have no doubt that my trusted general practitioner will feel grateful that for the first time an Encyclopaedia has been published which is specifically designed to meet his needs, and in such full measure succeeds in doing so”.

“This enormous venture has made an admirable beginning.”
—R. Greene the in British Medical Journal.

“. . . the editors are to congratulated on the result.”
—Practitioner.

In Seven Volumes (including Appendix/Index Volume)

BUTTERWORTHS  ·  4 & 5 Bell Yard ·  London, W.C.2
NEW

BETNOVATE

WIDE SCOPE topical steroid

The wide scope of Betnovate covers all steroid responsive dermatoses, including psoriasis. Extensive British clinical trials have shown that Betnovate is outstanding in the speed and intensity of its action. Study of the patient shown below will illustrate the dramatic relief after only seven days' treatment of seborrhoeic dermatitis.

**PICTURE 1**
Acute phase of seborrhoeic dermatitis, with gross scaling and crusted, weeping ear lesions. Patient affected since childhood.

**PICTURE 2**
Complete clearance of face, ears and scalp after seven days' treatment with Betnovate ointment.

**One Strength Simplicity**
Produced and proved in Britain, Betnovate is 0.1% betamethasone as 17-valerate, an entirely new steroid ester. Each presentation is in one strength only.

OINTMENT 15 gram tube  CREAM 15 gram tube  LOTION 20 ml squeeze bottle

Betnovate-N preparations contain 0.5% neomycin sulphate (in addition to the 0.1% betamethasone as 17-valerate)

GLAXO—leaders in British corticosteroid development

GLAXO LABORATORIES LIMITED
in the treatment of peptic ulcer Roter has particular advantages

Roter achieves a high cure rate and often gives effective control of even refractory chronic cases which have resisted other treatments.

Roter in many cases obviates the need for hospitalization or surgical intervention.

Roter helps patients to keep ambulant and symptom-free with a minimum of medication and with few, if any, dietary restrictions.

Roter in general practice enables the physician to take adequate care of his gastric cases without frequent or prolonged supervision.

Roter has no known side effects.

Roter requires no supplementary medication such as sedatives or anti-spasmodics.

Roter shows a saving in cost when compared with conventional methods of treatment.

REFERENCES
Therapie der Gegenwart, 1953, 3, 108
Die Medizinische, 1955, 4, 169
British Medical Journal, 1955, 2, 827
C.R.S. Biol. 1956, 150, 1019
Am J. Gastroenterology, 1957, 28, 439
Wiener Med. W., 1958, 106, 218
Ärztlliche Praxis, 1958, 10, 766
Journal Lancer, 1960, 80, 37

FORMULA
Each Roter tablet contains:
Bismuth Subnitrate Roter (350 mg.), Magnesium Carbonate (400 mg.), Sodium Bicarbonate (200 mg.) and Cortex Rhamni Frangulae (25 mg.).

PACKINGS OF ROTER TABLETS
Tins of 40 and 120, also dispensing sizes, 360 and 720 (P.T. exempt). Basic N.H.S price: Under 1/- for 10 tablets.

Roter Tablets are in Category "S". Literature on Request.

F.A.I.R. LABORATORIES LTD • TWICKENHAM • MIDDLESEX
IN ASTHMA AND RHEUMATOID ARTHRITIS

recommended dosages

Corticosteroid dosage must always be adjusted to the needs of the individual patient. The following regimens are recommended only as a basis for treatment

short-term therapy of asthma
duration of course 8 days
total number of tablets 4 mg. 40
suggested dosage scheme
  2 tabs. 8 mg. q.i.d. for 2 days
  1½ tabs. 6 mg. q.i.d. for 2 days
  1 tab. 4 mg. q.i.d. for 2 days
  ½ tab. 2 mg. q.i.d. for 2 days

long-term therapy
of asthma or rheumatoid arthritis
The usual initial dose ranges from 8 mg. to 16 mg. per day, divided into three or four doses. When a satisfactory response is obtained, the initial dose should be reduced gradually by decrements of 2 mg. every 2 - 3 days until a dose is obtained which will adequately maintain the patient. Available as scored 2 mg. and 4 mg. tablets

and in eczema and dermatitis
occlusive treatment with Ledercort topicals shows dramatic success

LEDERCORT†

triamcinolone Lederle
†registered trademark tablets

Lederle Laboratories
a division of Cyanamid of Great Britain Ltd
Bush House, London WC2
Further information on request
Rarical

(FERROUS CALCIUM CITRATE) TABLETS

build more haemoglobin FASTER

WHITE · TASTELESS · PERFECTLY TOLERATED · HIGH EFFICIENCY ORAL IRON THERAPY

Each Rarical tablet provides:
iron 25mg., calcium 85mg.
Medihaler-bron adds a new dimension to the treatment of bronchospasm—prolongation of relief. Medihaler-bron contains isoprenaline sulphate and atropine methonitrate. Each measured dose of micronised particles gives immediate relief—onset within seconds—and relief is prolonged for hours.

Isoprenaline sulphate produces the full primary bronchodilation which is the patient's first need. Atropine methonitrate prolongs and sustains the all-important initial relief given by isoprenaline.

The widely recognised advantages of Medihaler treatment, now with the added benefit of prolonged effect, make Medihaler-bron a product with particular clinical advantages for the patient with persistent bronchospasm.

Medihaler-bron is supplied with a new-style plastic oral adapter, which will also shortly be available with Medihaler-epi, Medihaler-iso, and Medihaler-iso Forte.

Medihaler-bron, available in vials of 300 doses, contains a suspension of isoprenaline sulphate 5mg, ml, and atropine methonitrate, 2mg, ml, each dose contained in 0.05 ml of suspension.

Basic NHS Prices - Complete 17.8. Refill 15.4

Medihaler epi, Medihaler-iso, Medihaler-bron: registered trade marks.

RIKER LABORATORIES
LOUGHBOROUGH - ENGLAND
Why does a micro-dose make such a difference in anaemia of pregnancy?

In pregnancy, routine administration of oral iron has long been established. But hitherto, folic acid deficiency has only been treated when specifically diagnosed, and then with high doses of folic acid.

Recent investigations indicate that prophylactic micro-doses of folic acid should be prescribed for all pregnant patients for their value in combating anaemia of pregnancy. Such micro-doses of folic acid both ensure increased response to oral iron and provide comprehensive prophylactic treatment of anaemia of pregnancy due to iron and folic acid deficiencies without masking a true pernicious anaemia.

Folaemin has been introduced to meet this need. Folaemin contains iron aminoates and microgramme amounts of folic acid. No other preparation currently available contains the micro-dose of folic acid now provided by Folaemin the micro-dose that makes the big difference in anaemia of pregnancy.

**Composition** each tablet contains iron aminoates 350 milligrammes (equivalent to 35 mg. elemental iron) and folic acid 50 microgrammes.

**Dosage:** One tablet three times daily, preferably between meals. **basic NHS price:** Bottles of 100 tablets 7.

*One microgramme contains exactly 2.5 x 10^-6 gramme.*

Folaemin: trade mark

RIKER LABORATORIES · LOUGHBOROUGH · ENGLAND
After influenza and other debilitating illnesses, METATONE* stimulates the appetite, brings about a sense of well-being and speeds the return to normal activity. METATONE* is pleasantly flavoured and combines the appetite-promoting substances vitamin B1 and strychnine with mineral glycerophosphates. Supplied in bottles of 8, 16 and 80 fl. oz.

* Trade Mark
Medihaler-Ergotamine sets a new standard of speed, predictability and convenience of treatment.
An entirely new route, oral inhalation, enables ergotamine to provide the speed and predictability of relief expected only of injections. Yet Medihaler-Ergotamine is as simple to use and carry as a tablet. Attacks are aborted by a much smaller dose than is needed orally, with correspondingly less risk of side-effects. One to three inhalations ensure profound relief in most cases, at a cost of only 3d. to 9d. per treatment. Basic NHS prices are: complete unit 17/4, refill 15/-

medihaler ergotamine
Tofranil® Geigy
Specific thymoleptic for the treatment of depression

Tablets containing 25 mg or 10 mg
N-(γ-Dimethylaminopropyl)-iminodibenzy1 hydrochloride (Tofranil)

Detailed literature describing these or any other Geigy product will be sent on request

Tofranil® with Promazine
For the treatment of depression with agitation and/or anxiety

Capsules containing N-(γ-Dimethylaminopropyl)-iminodibenzy1 hydrochloride (Tofranil) 25 mg
N-(γ-Dimethylaminopropyl)-phenothiazine hydrochloride (Promazine hydrochloride) 50 mg

Geigy Pharmaceuticals Company Limited, Manchester, 23
in oedema

HydroSALURIC-K
HYDROCHLOROTHIAZIDE, POTASSIUM CHLORIDE

the diuretic with potassium

For diuretic therapy, HydroSALURIC-K offers the short duration of action of hydrochlorothiazide, usually allowing uninterrupted nights, and a potassium supplement to provide a reasonable safeguard against thiazide-induced potassium depletion.

Available as tablets - 25 mg hydrochlorothiazide, 572 mg potassium chloride. Detailed information is available to physicians on request.

MERCK SHARP & DOHME LIMITED, HODDESDON, HERTS
Time and again you'll have listened to complaints of discomfort and gastric upset from patients undergoing treatment for iron-deficiency anaemia. The reason—iron intolerance; the cause—the action of the usual ferrous sulphate tablets resulting in unpleasant side effects. But ferrous sulphate is probably the most efficient form of iron; and as you know, it should be taken on an empty stomach for maximum effect. How then to reduce or prevent discomfort in anti-anaemia therapy?

IRON IN TIMED RELEASE
From Abbott comes the answer—the Ferro-Gradumet, the one-a-day oral haematinic in a plastic matrix that slowly leaches out its full day's dose of ferrous sulphate (525 mg, equivalent to 105 mg of elemental iron) in a predetermined pattern over a number of hours; and, thanks to its unique GRADUMET presentation, does not disintegrate in the stomach, where ferrous sulphate is most irritating and least well absorbed. Here at last is an efficient treatment for iron-deficiency anaemia that permits a day's requirements of iron to be taken in a single tablet, pleasantly and with a minimum of side effects.

FERRO-GRADUMETS are supplied in bottles of 30 or 100 tablets each containing 525 mg ferrous sulphate (in exsiccated form), equivalent to 105 mg elemental iron.

ABBOTT LABORATORIES LTD · QUEENBOROUGH · KENT
TRANSVASIN RELIEVES MUSCLE SPASM

Muscle spasm caused by physical injury or rheumatic lesions, including osteo or rheumatoid arthritis, is rapidly relieved by the application of Transvasin. The esters of nicotinic, salicylic and p-aminobenzoic acids penetrate the skin and are concentrated at the point of injury. Transvasin is an effective and economical therapy.

Transvasin contains ethyl and n-hexyl nicotinate, ethyl p-aminobenzoate, 2% each, and tetra-hydrofurfuryl salicylate 14%. The N.H.S. price of the 30g. tube is 2½d and the cost of an average application of the cream is under 1d.

LLOYD-HAMOL LIMITED
36-38 BERKELEY SQ., LONDON W.1
warning of impending danger

Clinitest* Reagent Tablets
To ensure smooth control in the diabetic, therapy must be adjusted to meet the changing needs of the patient. With regular recorded urine tests,

Acetest* Reagent Tablets
warning signs will show impending danger and give a timely indication of the need to change treatment. Make sure your patients are on the safest road with Clinitest and Acetest.

AMES COMPANY
DIVISION OF MILES LABORATORIES LTD · STOKE POGES · BUCKINGHAMSHIRE
*trade marks AM 1103
when insomnia is not
due to pain

CARBRITAL
quickly induces refreshing
sleep, leads to a fresh awakening.

CARBRITAL* combines a quick-acting hypnotic
(pentobarbitone sodium, B.P.) and a mild longer-acting sedative
(carbromal B.P.) CARBRITAL brings about rapid
onset of sleep, sustains it for several hours and leaves the patient free
from undesirable residual depression on waking. Kapseals*:
in bottles of 25 and 250. Elixir: in bottles of
4, 16 and 80 fl. oz.

* Trade Mark

PARKE-DAVIS
PARKE, DAVIS & COMPANY, HOUNSLOW, MIDDLESEX. TELEPHONE HOUNSLOW 2361
depression  
anxiety  

sleep disturbance  

TRYPITIZOL  
Amitriptyline hydrochloride  

the antidepressant with intrinsic tranquillising properties

TRYPITIZOL is an outstanding antidepressant, particularly valuable for its tranquillising effect on the anxiety and insomnia—characteristically early morning awakening—which so often accompany depression.

TRYPITIZOL is indicated in all forms and presentations of depression. Other symptoms which may be expected to respond well include functional somatic complaints, loss of interest, loss of appetite, feelings of guilt, slowing of emotional and physical reactions.

TRYPITIZOL is well-tolerated and serious toxic side reactions are extremely rare. It is not a monoamine oxidase inhibitor.

TRYPITIZOL is supplied as tablets of 25 mg and 10 mg, as a syrup and as an injection. Detailed information on indications, dosage, administration, precautions and bibliography is available on request.
What is the Protein Gap?

While calorie requirements may change, an adult's protein requirements remain approximately constant throughout life. Hence, a protein gap occurs whenever the total diet is reduced and the proportion of protein is not correspondingly raised. This happens especially in old age, when the need for calories has diminished but not the need for protein. Unless old people increase the proportion of protein in their diet, the protein gap that occurs will make them debilitated and prone to infection.

PROTEIN SUPPLEMENTATION

Protein deficiency can occur in old age, chronic illness, convalescence, and periods of active growth—adolescence, pregnancy. The answer is to supplement the diet with protein of high biological value.

The complete food

Lloyd's High Protein Food is designed to meet these requirements.

The scientists responsible for the formulation of Lloyd's High Protein Food were concerned to produce a food which was palatable, digestible, and nutritionally complete. Lloyd's High Protein Food contains 48% of a blend of animal and vegetable protein, a far higher percentage of protein than any other whole food on the market; 23.8% of carbohydrates; 19.8% of fat, most of which is unsaturated; and all the vitamins, minerals, and trace elements according to the recommendations of the B.M.A. Committee on Nutrition.

Lloyd's High Protein Food is sold only through chemists, at 5/9 per ½ lb. jar. Hospital prices sent on request.

Lloyd's Research Limited has recently produced a study "The Role of Protein in Nutrition" which sets out up-to-date views on the important subject of dietetics. A copy will be sent to any doctor on application.

LLOYD'S RESEARCH LIMITED
The Nutrition Division of Lloyd-Hamol Limited
36-38 Berkeley Square, London W.1

LLOYD'S HIGH PROTEIN FOOD a new whole food with 48% protein
A more normal life for the hypertensive patient

ALDOMET
METHYLDOPA

" as the literature reports

'We found little postural effect with considerable lowering of the blood-pressure in the lying as well as the standing position.' Lancet, 1962, i, 300 (10 Feb)

'...methyldopa does not usually cause troublesome symptomatic postural hypotension ...' Lancet, 1962, i, 763 (14 Apr)

'Methyldopa does not cause severe hypotension on exercise.' Lancet, 1962, i, 759 (14 Apr)

'The blood-pressure response to methyldopa was reasonably predictable without undue fluctuations ...' Brit. med. J., 1962, 2, 156 (21 Jul)

'...the dosage was less critical and the response easier to regulate than with ganglion-blocking and adrenergic-blocking compounds.' Lancet, 1962, i, 763 (14 Apr)

'Producing singularly few side-effects, particularly hypotension and severe gastro-intestinal symptoms, methyldopa presents a great advance in the treatment of hypertension.' Brit. med. J., 1963, 1, 151 (19 Jan)

'Almost all of my patients on maintenance treatment have felt better and of those who had been previously treated with other hypotensive drugs, all emphasized their preference for methyldopa.' Practitioner, 1963, 191, 96 (Jul)

Because of these advantages,
'Aldomet' offers a fuller life
for the hypertensive patient

Available as tablets of 250 mg and as an injection.
Detailed information is available to physicians on request.

MERCK SHARP & DOHME LIMITED, HODDESDON, HERTS
'And adepts in the speaking trade
Keep a cough by them ready made'

REV. CHARLES CHURCHILL

But for those who do not regularly indulge in 'the speaking trade', a cough is no blessing.

'Actifed' Compound Linctus provides rapid and effective relief from coughs and congestion. It combines the decongestant properties of pseudoephedrine and the antihistamine effect of tripolidine with the proven cough-controlling action of codeine.

It is indicated in unproductive cough, cough with cold or cough with bronchitis or allergy, in young or old.

'ACTIFED' Compound Linctus
Decongestant · Antihistamine · Bronchodilator · Antitussive

BURROUGHS WELLCOME & CO. LONDON
(The Wellcome Foundation Ltd.)
a mind at ease

Once in their doctor's care, what most patients seek above all else is the comfort and peace of mind that comes from his understanding of their problem... like the calm and composure that follows safe, dependable medication with a Lilly barbiturate—'Tuinal' 3 grs., universally accepted as an ideal hypnotic; 'Sodium Amytal' 1 gr., widely prescribed for gentle, reliable, daytime sedation.

<table>
<thead>
<tr>
<th>'TUINAL' 3 grs.</th>
<th>'SODIUM AMYTAL' 1 gr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quinalbarbitone Sodium with Amylobarbitone Sodium</td>
<td>Amylobarbitone Sodium</td>
</tr>
<tr>
<td>FOR HYPNOSIS</td>
<td>FOR DAYTIME SEDATION</td>
</tr>
</tbody>
</table>

Recent testimony on barbiturates

"In any consideration of hypnotics the barbiturates must take pride of place. They have been in clinical use for about 50 years and in the vast majority of cases they are safe, reliable drugs which, when properly used, will ensure a good night's sleep."


Lilly barbiturates — safe and dependable over the years

ELI LILLY & COMPANY LTD. Basingstoke, Hants, England
BRITISH MEDICAL JOURNAL

the leading medical Journal and the most widely read

★ Published weekly

★ Subscription £9 9s. p.a.

★

BRITISH MEDICAL ASSOCIATION

SPECIALIST JOURNALS

ABSTRACTS OF WORLD MEDICINE
Monthly. Subscription £6 6s. p.a.

BRITISH JOURNAL OF OPHTHALMOLOGY
Monthly. Subscription £6 6s. p.a.

OPHTHALMIC LITERATURE
Subscription (six issues a year, plus index) £4 4s. p.a. or combined with British Journal of Ophthalmology £9 9s. p.a.

ARCHIVES OF DISEASE IN CHILDHOOD
Bi-monthly. Subscription £4 4s. p.a.

ANNALS OF THE RHEUMATIC DISEASES
Bi-monthly. Subscription £4 4s. p.a.

BRITISH HEART JOURNAL
Bi-monthly. Subscription £4 4s. p.a.

BRITISH JOURNAL OF PHARMACOLOGY AND CHEMOTHERAPY
Bi-monthly. Subscription £6 6s. p.a.

GUT
Bi-monthly. Subscription £4 4s. p.a.

JOURNAL OF CLINICAL PATHOLOGY
Bi-monthly. Subscription £4 4s. p.a.

JOURNAL OF NEUROLOGY, NEUROSURGERY AND PSYCHIATRY
Bi-monthly. Subscription £4 4s. p.a.

THORAX
Bi-monthly. Subscription £4 4s. p.a.

BRITISH JOURNAL OF INDUSTRIAL MEDICINE
BRITISH JOURNAL OF PREVENTIVE AND SOCIAL MEDICINE
BRITISH JOURNAL OF VENEREAL DISEASES
MEDICAL AND BIOLOGICAL ILLUSTRATION
Published quarterly. Subscription £3 3s. p.a.

CAR
HIRE-PURCHASE

MEDICAL, DENTAL AND ANCILLARY PROFESSIONS OWN H.P. COMPANY

★ 20% DEPOSIT
★ LOWEST H.P. RATES
★ REPAYMENTS UP TO 36 MONTHS
★ PAYMENTS WAIVED ON DEATH

THE MEDICAL SICKNESS FINANCE CORPORATION LTD.
7-10 CHANDOS STREET, CAVENDISH SQUARE, LONDON, W.1.
Telephone: MUSEum 1686

A wholly owned Subsidiary of The Medical Sickness Annuity & Life Assurance Society Ltd.

POST THIS COUPON

Name
Address

Occupation

GP