An outstanding year in British Medical History

1948 will be remembered as the year in which the National Health Service came into being.
It may also be remembered as the year in which Roter tablets first became available to the Medical Profession in the United Kingdom.
In the intervening 21 years Roter has provided superlative service to those suffering from peptic ulcer and its sequelae, and has not been superseded.
The record is impressive. Hundreds of thousands of chronic cases, both of the duodenal and gastric varieties—resistant to conventional treatment—have been relieved of their pains and miseries and given a new lease of life. Equally good service has been rendered to post-operative relapse cases.
Roter is still the most effective and economical therapy available. N.H.S. basic cost of initial treatment is 30p per week and maintenance—where needed—only 15p per week or less.
Roter treatment is ambulant and produces no side effects.
Literature and samples available on request from:

F.A.I.R. Laboratories Ltd., Twickenham, Middlesex
Halt at the flashing light

Flashing lights and visual disturbances, classically early warnings of migraine, are signals for arresting all manifestations of an attack—at onset. MIGRIL acts in the minutes between initial warning and the otherwise inevitable full-blown attack. As well as containing an effective dose of ergotamine (2 mg in each tablet), enhanced by caffeine, MIGRIL contains the anti-emetic, cyclizine. Nausea and vomiting, due to migraine itself or to ergotamine, are very effectively relieved. MIGRIL, taken at the first warning of an attack, provides a specific treatment that the patient will learn to rely on. Full information is available on request.

*Migril. Trademark.

Burroughs Wellcome & Co. (The Wellcome Foundation Ltd)
Darford, Kent.
Triptafen-Minor calms the anxious patient and lifts any associated depression

Patients of many types with minor neuroses—the harassed housewife, the sufferer from insomnia, the businessman facing redundancy, the patient who has suffered a recent bereavement, the anxious student—can benefit from treatment with Triptafen-Minor.

In a recent trial*, in which 103 final-year university students took part, 84% were improved, much improved or recovered after three weeks treatment with Triptafen-Minor.


Each Triptafen-Minor tablet contains amitriptyline hydrochloride BP 10 mg and perphenazine BP 2 mg. Full information is available on request.

Triptafen is a Trade Mark of ALLEN & HANBURY'S LIMITED LONDON SE 6LA
Tanderil®
Geigy

Helps arthritic joints to move again without pain

4 major benefits of Tanderil antirheumatic therapy

Intense Analgesic activity

Significant reduction of morning stiffness

Improved joint mobility

Reduced joint swelling

Availability

Tanderil is available as coffee-coloured, sugar-coated tablets containing 100 mg. and as suppositories containing 250 mg. 4-buty-2-(4-hydroxyphenyl)phenylpyrazolidine-3, 5-dime-monohydrate (Oxphenbutazone 6P.)

Detailed literature describing any product will be supplied on request.

Geigy Pharmaceuticals,
Hurdsfield Industrial Estate
Macclesfield Cheshire
Stemetil stops the vertigo

'Stemetil' not only relieves specific symptoms in vertigo, nausea, vomiting, and migraine but also has a calming, stabilizing effect. This helps the patient to take a more relaxed, confident view of his condition and allays the fears which may precipitate further attacks. 'Stemetil'* preparations of prochlorperazine are available as tablets, syrup, injection solution and suppositories.

An M&B brand Medical Product
Full information available on request
May & Baker Ltd
Dagenham Essex RM10 7XS
*trade mark
First in bronchitis

**Septran** *bactericidal to respiratory tract pathogens including Haemophilus influenzae.*

**Septran** quickly reaches effective blood levels and produces an exceptionally rapid clinical response.

**Septran** was more effective compared with antibiotics (ampicillin and tetracycline) in reducing sputum purulence and sputum volume.¹²

**Septran** first utilisation of antibacterial synergy between trimethoprim and a sulphonamide.⁴ Trade Mark

References

For the whole family—SEPTRIN Tablets, SEPTRIN Paediatric Suspension and SEPTRIN Paediatric Tablets, containing trimethoprim and sulphamethoxazole.

Full information is available on request.

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Wellcome (The Wellcome Foundation Ltd.)
Dartford, Kent.

**Septran**

an advance on
the antibiotics

SEPTRIN eradicates infection by a double blockade of bacterial metabolism.
as effective as aminophylline without the problem of gastric irritation

A RELIABLE, EFFECTIVE AND SAFE BRONCHODILATOR

Further information available on request.

DELANDALE LABORATORIES LIMITED
37 Old Dover Road, Canterbury, Kent.
Skin ulcers can be a problem in any patient when slough delays healing

Skin ulcers, pressure sores, accidental injuries and burns are all a problem when slough delays healing. This is where Aserbine can help. Aserbine carefully separates the dead tissue and allows the living tissue to heal normally. Aserbine Cream is used for dressing and Aserbine Solution for washing between dressings.

Aserbine promotes cleavage between dead and living tissue by maintaining a low pH at the tissue surface. Using Aserbine will keep the wound clean and free from the dead tissue which is a potential harbour for infection.

Aserbine clears the way for faster healing

Aserbine (regd) is prepared from clinically established organic acids in propylene glycol. Full information from Bencard, Great West Road, Brentford, Middx.
just like clockwork

... a three layer tablet which is specially designed to phase the release of the highly effective antihistamine, triprolidine hydrochloride. With PRO-ACTIDIL*, relief from symptoms is thus maintained for nineteen to twenty-four hours. Full information is available on request.
Burroughs Wellcome & Co.
(The Wellcome Foundation Ltd.)
Dartford, Kent. *Trade Mark

PRO-ACTIDIL
in allergies up to 24 hour control
Certainly several important risk factors are present: overweight—stress—cigarette smoking, and, frequently found in the presence of the other three—raised blood lipids. In the treatment of hyperlipidaemia, Atromid-S has been shown to produce remarkably consistent results; it also exerts a beneficial effect on abnormal clotting factors.

Atromid-S 500
for the patient at risk
In angina, ‘Eraldin’ makes the going easier for patient and doctor

Easier for the Patient. His confidence is restored because his heart is protected against the effects of stress. Emotional situations no longer herald anginal attacks. Although he still knows his physical limits, these have been extended—by ‘Eraldin’.

Easier for the Doctor. ‘Eraldin’, the latest, most advanced long-term protection against angina, shields the heart—and the heart alone—against excessive sympathetic stimulation. This cardioselectivity permits protection in a broader group of anginal patients. Management is straightforward and dosage is on a simple twice or thrice daily basis.

‘Eraldin’ has other valuable properties—mainly related to safety. Detailed information is available on request.

ICI Leaders in cardiovascular research. Imperial Chemical Industries Ltd., Pharmaceuticals Division, Alderley Park, Macclesfield, Cheshire.
'Amitriptyline is probably the most widely used [tricyclic antidepressant], particularly when there is sleep disturbance, since the major dosage can be given at bedtime and will help to combat insomnia.'

The present status of psychotropic drugs. Practitioner. 1970, 205,307 (Sep)

Supplied as 10 mg, 25 mg, and 50 mg tablets, a syrup, and an injection. Detailed information is available to physicians on request. © denotes registered trademark.

Merck Sharp & Dohme Ltd
Hoddesdon, Hertfordshire

Tryptizol MSD
Amitriptyline hydrochloride /MSD
for the anxious depressive
Day after day of freedom from asthmatic attack

The unique mode of action of disodium cromoglycate offers the asthmatic patient outstanding benefits. A prophylactic treatment, it prevents the onset of asthmatic episodes – thus minimising long-term damage to lung tissue. Freedom from asthma attacks permits a happier, more normal life for the asthmatic patient.

Published clinical reports confirm that with INTAL COMPOUND, the incidence and severity of acute attacks is considerably reduced – even in patients on conventional therapy such as bronchodilators, antihistamines and corticosteroids. Less time is lost from work or school, exercise tolerance is improved and a consistent clinical comment on disodium cromoglycate has been the total absence of serious side effects.

INTAL COMPOUND – supplied in SPINCAPS (each containing 20 mg disodium cromoglycate, and 0.1 mg Isoprenaline Sulphate BP in powder form, together with an inert carrier). For use in a special insufflator – SPINHALER.

Full information is available on request. The Technical Services Department, Fisons Limited – Pharmaceutical Division, Loughborough, Leicestershire.

There's nothing else like

INTAL Co.
Prophylaxis in asthma
A UNIQUE ORAL GEL
WITH STRIKING ANALGESIC AND
ANTISEPTIC PROPERTIES

Bonjela has been shown in formal American trials to bring rapid relief from pain in 90% of all cases of oral ulceration, herpes labialis, gingivitis and denture sores. By rapid relief is meant marked alleviation of pain within 2-3 minutes.

These results have now been confirmed by a controlled trial conducted recently by a British dental surgeon.* 89.3% of the patients receiving Bonjela experienced relief from pain which lasted in 59.5% of these patients for 3 hours or more. Among the conditions treated were recurrent aphthae, denture trauma, herpetic lesions and soft tissue trauma.


FORMULA: Choline Salicylate 8.7%, Cetalkonium Chloride 0.01%, Alc.(95%) 39.0%, Menthol 0.057%, Glycer. 4.6%.

INDICATIONS: Herpes labialis, gingivitis, oral ulcerations, cheilosis denture sores, infant teething disorders.

PRESENTATION: Bonjela is available in 10 g. tubes at a basic N.H.S. cost of 14p per tube.
Latest research suggests unique action of Negram

Penicillins and Cephaloridine weaken the cell wall.
This may kill the bacteria by removing their outer defences. But it can – and often does – result in the survival of L-forms.\(^1\)\(^2\)

Sulphonamides, Trimethoprim and Nitrofurantoin block the metabolic pathways.
Each of these antibacterials blocks only one specific step in the process. Very often these particular steps can be by-passed without detriment to the bacteria.\(^1\)

Tetracyclines and Chloramphenicol affect the ribosomes.
Though the ribosomes are the ‘assembly plants’ of the cells, their function is controlled by DNA. Unless this control is knocked out, the cell functions are never completely destroyed.\(^2\)

Only Negram destroys bacterial DNA, the basis of all bacterial life!
DNA controls the whole structure and function of bacteria. For cells to divide and multiply, the DNA must replicate itself.
It is at this point that Negram attacks. It prevents the replication of DNA. This fundamental disruption of the control element not only prohibits the proliferation of bacteria but destroys the complete bacterial system.\(^3\)

in urinary infections
negram
right from the start

\(^{1}\) Hosp. Pract. (1967) 2: 54
\(^{3}\) J. Bact. (1969) 96: 96
Take the pain out of Arthritic & Rheumatic Conditions

"... the mild sedative properties of pentazocine will enable this drug to be used with benefit in patients with chronic pain ..."

FORTRAL

ii tabs * q.i.d., p.c.

See dosage instructions overleaf
Negram Tablets
Formula: Each tablet contains 500 mg. nalidixic acid.
Adult Dosage: For acute infections, 2 tablets q.i.d. for
at least 7 days, reducing to 1 tablet q.i.d. for chronic infections.
Basic NHS Cost: (2 q.i.d.) 29p a day. Availability: Containers of 56 tablets.

Negram Suspension
Formula: Each 5ml. spoonful contains 300 mg. nalidixic acid.
Paediatric dosage: 1 ml. Suspension (60 mg.) per kg. body weight (25mg./lb.)
daily for at least 7 days.
For children of average weight and development:
1 month-1 year: 2.5 ml. (150 mg.) 2-4 times daily; 1-2 years: 5 ml. (300 mg.) 2-3 times daily
2-6 years: 5 ml. (300 mg.) 3-4 times daily; 6-14 years: 10 ml. (600 mg.) 2-4 times daily
Basic NHS Cost: (5 ml. t.i.d.) 9p. per day.
Availability: Bottles of 150 ml. and 500 ml.

Side Effects:
Gastro-intestinal or subjective visual disturbances may
occur but are readily reversible on reduction or discontinuation of therapy.

Precautions:
Use with caution in patients with liver disease and raised intracranial pressure.
Patients should avoid excessive exposure to sunlight. Possible risks should be carefully
weighed against benefits in the first trimester of pregnancy.
Not recommended for infants less than 1 month old.

Fortral Tablets
Each tablet contains 25 mg. pentazocine hydrochloride

Indications:
For all degrees of pain in acute and chronic conditions;

Adult Dosage:
The dosage should be tailored to the individual patient.
*Usual dose 2 tablets (50 mg.) every 4 hours after meals adjustable
within the range of 1-4 tablets every 3-4 hours.

Paediatric Dosage:
1-6 years: The small dosage necessary is more conveniently given by injection.
6-12 years: 1 tablet (25 mg.) every 3-4 hours as necessary
Basic N.H.S. Cost: 100 tablets £1.66.
Presentation: Tablets of 25 mg. pentazocine in packs of 100 and 500.

Side Effects:
Dizziness, nausea and vomiting sometimes occur, but tend to decrease
after a few doses. The concomitant administration of an anti-emetic
is recommended in conditions where nausea and vomiting can occur.

Precautions:
Caution in severe renal, hepatic and respiratory impairment and in
patients previously on large doses of narcotics. Ambulant patients should
not drive nor operate machinery. Until further information is
available Fortral should be given with caution in the first trimester
of pregnancy.

Contra-indications
Established respiratory depression. Raised intracranial pressure.
Severe head injury or pathological brain conditions. Convulsive
disorders. Patients receiving MAO inhibitors.
Negram and Fortral are registered trade marks
Full information is available from

WINTHROP
Winthrop Laboratories, Surbiton-upon-Thames, Surrey
‘The ideal potassium preparation has not yet been found.’

BUT NOW
the diuretic that entirely obviates the need for potassium supplements

‘Moduretic’ is a completely new diuretic from Merck Sharp & Dohme that induces a highly effective diuresis as well as helping the body to conserve its natural balance of potassium.

‘Moduretic’ offers the physician the means of treating patients with a diuretic while avoiding the limitations imposed by potassium supplements. Indeed, ‘Moduretic’ conserves body potassium so effectively that potassium supplements are contra-indicated.

‘Moduretic’ is available as peach-coloured, diamond-shaped tablets containing 5 mg amiloride hydrochloride/MSD and 50 mg hydrochlorothiazide/MSD.

Detailed information is available to physicians on request.

‘Moduretic’ is a registered trademark.

Merck Sharp & Dohme Limited
Hoddesdon, Hertfordshire *Telephone, Hoddesdon 67123*
NORINYL-1
hormonally 'balanced' oral contraceptive

suitable for every generation of fertile woman

☐ 4 years' U.K. clinical experience  ☐ used with satisfaction by over 200,000 U.K. women
☐ lowest incidence of side-effects because of minimal bio-potency¹ ²  ☐ first choice by over 2,000 U.K. doctors

References

Each Norinyl-1 pack contains 21 tablets of Norethisterone B.P. 1mg and Mestranol B.P. 50mcg

Full prescribing information available on request

SYNTEX

POSTAL LOANS (gram.) £20 to £5,000 without security
RICHMOND INVESTMENTS LTD.
4, The Green, Richmond, Surrey.

CLASSIFIED ADVERTISEMENTS
The charge for this service is 3s. 0d. per line, plus 2s. 6d. if a Box Number is required. Advertisements should be addressed to: The Journal of the Royal College of General Practitioners, Classified Advertisement Department, 5 Bentinck Street, London W1H 4AE.

NEW RATES FOR COLLEGE ACCOMMODATION
Owing to rises in costs and to decimalization, rates for College accommodation, including breakfast, will be charged as follows from 1 April 1971:
- Single room ........................................... £3 per night
- Double room .......................................... £5 per night
- Flatlet (Bed-sitting room for two, bathroom and dressing room) ......................... £7 per night, or £40 per week
- Self-contained flat (Double bedroom, sitting room, half kitchen and bathroom) ...... £8 per night, or £45 per week

Members are reminded that children under the age of 12 years cannot be admitted, and dogs are not allowed.

Members and associates may, subject to approval, hire the reception rooms for meetings and social functions. The charges for these are:
- Long room (will seat 100) ................. £30 for each occasion
- Damask room (will seat 50) .................... £20 for each occasion
- Common room and terrace .................... £20 for each occasion
- Dining room and kitchen ................... £10 for each occasion

A service charge of ten per cent is added to all accounts to cover gratuities to domestic staff.

For the convenience of members, four car-ports, outside 14 Princes Gate, have been rented by the College and may be hired at a cost of 10s 6d per 24 hours.

Enquiries should be addressed to The Royal College of General Practitioners 14 Princes Gate, London, S.W.7. (Tel. 01-584-6262). Whenever possible bookings should be made well in advance.
In the treatment of Dermatitis
Fucidin 'H' Ointment fills a definite need

Fucidin H Ointment offers the antipruritic/anti-inflammatory action of hydrocortisone combined with the rapid bactericidal action of Fucidin, minimising the risks of the adverse effects of the more potent steroids and the considerable risk of sensitisation caused by many topical antibiotics.

Fucidin H Ointment:
Sodium fusidate B.P. 2%
hydrocortisone acetate B.P. 1%
in a neutral ointment base.
available in tubes containing 10G & 25G.

Infected eczema on leg of 55 year old man
After 7 days' treatment with Fucidin H Ointment
Photographs from Leo Laboratories' Library of British Dermatological Case Histories, 1969

Full information available on request.
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