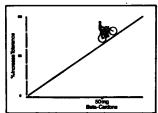


Beta-Cardone

Increased exercise tolerance.

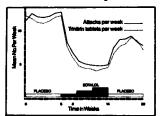
Beta-Cardone significantly prolongs the duration of exercise effort in patients with angina pectoris. The illustration below, based on six case studies, demonstrates this effect in patients exercised on a bicycle ergometer.

In this test the protective effect of Beta-Cardone was shown by a marked reduction in S-T segment depression throughout: at rest, at the point of pain, and after exercise.



Adepted from Postgrad. med. J. (1970) (Nov. Suppl.) 77

Fewer anginal attacks, reduced trinitrin dependence.



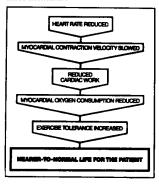
The increased exercise tolerance induced by sotalol results in fewer anginal attacks and decreased need for trinitrin. The graph summarises the results of a double-blind, crossover, multi-centre study involving 146 patients.

92% were given a dose of between 240 mg and 480 mg per day;93% reported fewer attacks during sotalol therapy and 71% had a reduction of 50% or more. Compared with the baseline period, the lowered attack rate was confirmed by the parallel reduction in the usage of trinitrin tablets.

Multicentre Study in Angine, Unpublished.

Beta-Cardone helps the anginal patient to live with his condition.

The anginal patient lives under the constant threat of painful attack. Beta-Cardone, with its pure beta-blocking activity, takes him step by logical step toward the enjoyment of a less troubled, more normal life.



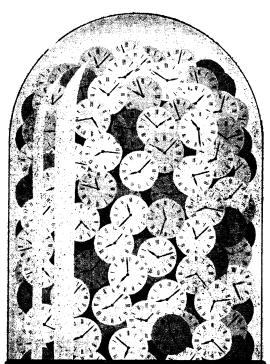
BETA-CARDONE preparations of sotatol hydrochloride are available as TABLETS 40 mg (basic NHS cost £2.93 per 100 tablet pack), TABLETS 80 mg (£4.35 per 100), and NUECTION 10 mg in 5 ml (£4.41 per 10 ampoutes)

	F-BLOCKADE	1.S.A.	LA
CHIPPRENOLOL	0	•	
PROPRANOLOL	Ö	_	Ŏ
PRACTOLOL	Ŏ		_
SOTALOL	Õ	-	

Beta-Cardone Beta blockade, pure and simple



DF Beta-Cardone is a trade mark of DUNCAN, FLOCKHART & CO. LTD. LONDON E2 SLA Full information is available on request.



timed-release iron

provides better absorption

FEOSPAN

'SPANSULE' CAPSULES

for the treatment of iron deficiency

Fcfol 'SPANSULE' CAPSULES for prevention of anaemia in pregnancy



Smith Kline & French Laboratories Limited Welwyn Garden City, Hertfordshire

'Feospan', 'Fefol' and 'Spansule' are trade marks Full information is available upon request 'Feospan' contains ferrous sulphate 'Fefol' contains ferrous sulphate and folic acid.





'For those patients who cannot or will not tolerate bran...



...the best alternative is Normaco

A high residue diet with added fibre in the form of unprocessed bran is rapidly being recognised as the most effective treatment for diverticular disease. However, there are patients who cannot tolerate bran or who find it unpalatable. And of course there are always those who will not take something unless it's 'medicine'. For them, the best alternative to bran is Normacol.

Normacol provides the bulk which is necessary to prevent segmentation of the sigmoid colon and effect a lowering of the intracolonic pressure. Symptoms can thus be rapidly relieved and bowel habits restored to normal.

*Painter NS, Paper read at the Annual Meeting of the Association of Surgeons of Great Britain and Ireland, Aberdeen 4th February 1973.

Normacol Standard brown coated granules containing Sterculia BPC 62% and Frangula BPC 1949 8% Normacol Special white coated granules containing Sterculia BPC 62% alone Normacol Antispasmodic orange coated granules containing Sterculia BPC 62% and Alverine Citrate 0.5%

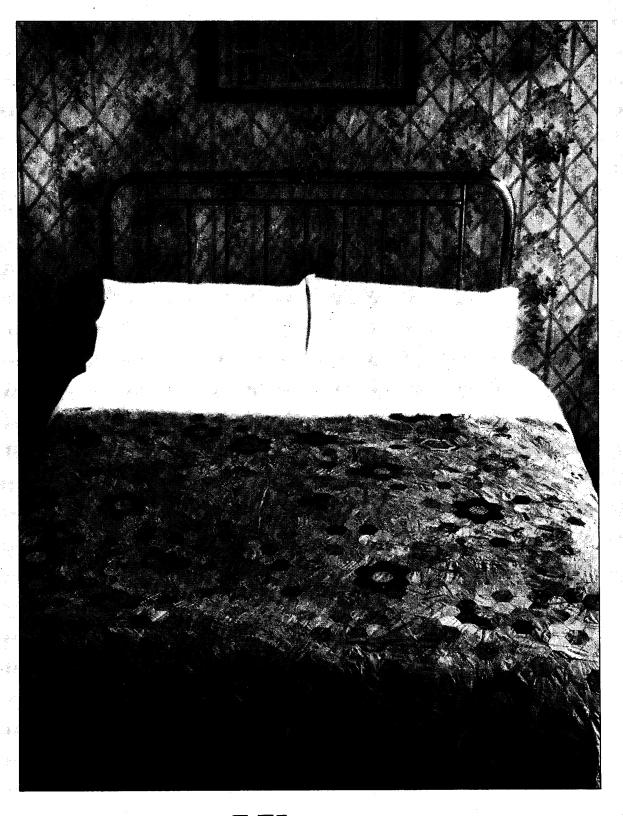
Normacol Diabetic brown coated granules is identical with Normacol Standard except for the absence of sugar

Further information and samples on request



NORGINE LIMITED 26-28 Bedford Row London WC1B 4RC

This bed contains over



Migen asthma immunisation made easy.

,000 causes of asthma.

This bed is alive. Crawling with Dermatophagoides pteronyssinus, the common house dust mite

The mite is found "... almost everywhere that human beings live, but particularly where they



sleep". Brit. med. J., (1969), 2. 723. It has also been identified as "...the most common cause of allergic asthma in this country, particularly in children". Brit. med. J., (1970), 2, 501.

The house dust mite is an extremely potent allergen. In fact it has been calculated that the inhalation of mite

material in an amount weighing less than one whole live mite would be capable of precipitating an

allergic reaction

The mite population lives on human skin scales. Each of us sheds about 5 g. of dander a week and 0.5 g.-1 g. of this accumulates in beds and bedding, an amount which can support up to 10,000 mites. For most people, this thriving subculture means little. But to the allergic asthmatic it could mean the difference between a dream and a nightmare.

v established that house dust is one of the mos

Avoidance is Impossible

In the home, it is virtually impossible to remove every trace of the mite. The ubiquitous creature exists in beds, carpets, curtains, cushions anywhere that human beings and domestic dust come together. Even immaculate dwellings produce dust samples rich in live mites, their excreta and dead remains – all potent allergens. This is why the most effective way of controlling house dust mite sensitivity is immunisation.

Migen-for the prevention of Asthma

So it does not simply treat the symptoms of asthmait prevents them. Immunisation against the powerful house dust mite allergen can raise the patient's overall level of tolerance. If he is multi-sensitive he may well find that he no longer reacts to contact with other allergens which have previously provoked attacks. And the stress caused by the fear of attack

Migen is the first treatment that gives you, the family doctor, real control over asthma.

Migen and Simplicity

There was a time when immunisation was both a complicated and lengthy business. Not so with Migen. Just six injections form a course of treatment for asthma and perennial rhinitis. With each syringe pre-filled to ensure easy administration and accurate

Migen and Safety

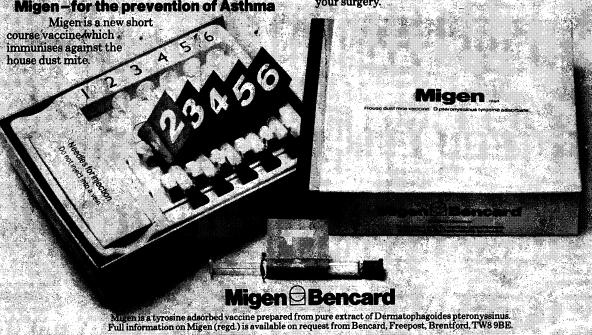
In Migen the active material is adsorbed on to tyrosine – a naturally occurring amino acid which is metabolised in the human body. The active material is therefore released slowly but completely for maximum effectiveness and minimum risk of adverse effects.

Diagnosis

Migen may usually be prescribed on the basis of a careful case history alone. A Diagnostic Aid has been devised to help identify, by case history, those patients who are most suitable for Migen treatment. If the diagnosis is still in doubt after the case study then the Migen Skin Test Kit may be used for confirmation. Both the Diagnostic Aid (which also includes notes for the guidance of patients) and the Skin Test Kit are available on request from Bencard.

Migen

Many products have been advocated for use in the treatment of asthma. Most have drawbacks that you and your patients suffer for the sake of some relief. Now Migen offers you an opportunity to treat the most common form of allergic asthma. From your surgery.



Some patients stayon barbiturates until the day they die

Every day in Britain three patients die after deliberately taking overdoses of barbiturates – a total of over 1,000 every year¹

Virtually all of these patients could have been transferred to Mogadon, which is much safer? but just as effective against insomnia?

The patients may still have tried to kill themselves. But with Mogadon few, if any, would have succeeded

Mogadon: far safer, far better

ROCHE

Mogadon is the trade mark for pharmaceutical preparations containing nitrazepam
1. Pharm. J., 1974, 212, 92. 2. Lancet, 1974, 1, 224. 3. Brit. med. J., 1969, 3, 23

Further information is available on request Roche Products Limited, 15 Manchester Square, London WIM 6AP



A seasonal reminder from Bencard

A reminder, that is, that the hayfever season is closer than you think. Make it a Pollinex season.

Recent clinical trial work¹ showed that a single threedose course of Pollinex is effective in the large majority of hayfever patients. It is considered that further benefits may ensue with each year's pre-seasonal Pollinex course.

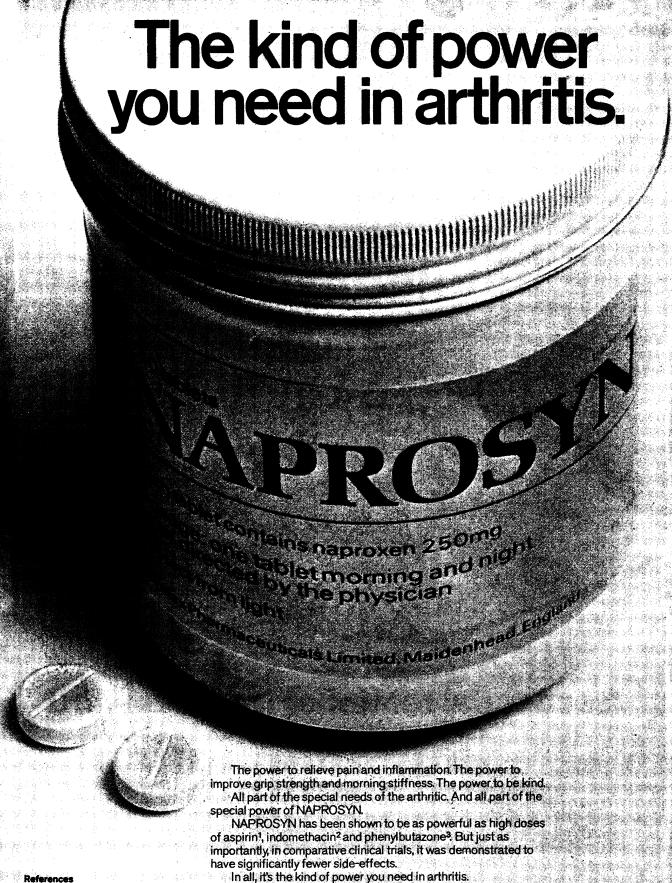
Combining safety and efficacy, Pollinex contains twelve grass pollens chemically modified and adsorbed on a tyrosine base to allow slow and complete release of active material, ensuring maximum effectiveness and minimum risk of side effects.

Pollinex consists of only three injections presented in disposable syringes pre-filled for accuracy of dosage and ease of administration.

Give your hayfever patients a trouble-free year. Remind them about Pollinex treatment now. Ask for a supply of Patient Recall Cards from Bencard, and give your patients the best New Year gift they could receive. In press.

PollinexPositive action in hayfever prevention

Further information is available from Bencard, Freepost, Brentford, England



References

1. Hill H.F.H. et al (1974) Ann. rheum.

2. Cochrane G.M. (1973) Scand J. Rheumatology Suppl. 2:89. 3. Rodriguez H.M. (1972) Proceedings NAPROSYN Symposium Mexico p. 90 NAPROSYN power. NAPROSYN. Powerful in arthritis. Kind to patients.

Further information on NAPROSYN (naproxen) is available on request. SYNTEX Syntex Pharmaceuticals Ltd., St. Ives House, Maidenhead, Berkshire,

twice daily

NAPROSYN



Prescribing Information

Presentation: NAPROSYN (naproxen) is a non-steroidal anti-inflammatory agent, developed by Syntex Research. It is unrelated to salicylates or the corticosteroid hormones. It is presented as a yellow half-scored tablet containing 250 mg of naproxen, inscribed NAPROSYN on one side, and SYNTEX on the other.

Indications: NAPROSYN is indicated for the treatment of rheumatoid arthritis, osteoarthrosis (degenerative arthritis) and

ankylosing spondylitis.

NAPROSYN has been shown to have striking anti-inflammatory properties when tested in classical animal test systems. In addition, it has marked analgesic and anti-pyretic actions. It exhibits its anti-inflammatory effect even in adrenalectomised animals, indicating that its action is not mediated through the pituitary-adrenal axis. It inhibits prostaglandin synthetase, as do other non-steroidal anti-inflammatory agents. As with other agents, however, the exact mechanism of its anti-inflammatory action is not known.

Dosage and Administration: The recommended starting dose (and usual maintenance dose) of NAPROSYN is 250 mg twice daily, usually given with the morning meal and about 12 hours later. Dosage adjustment within the range of 375 mg to 750 mg daily, maintaining twice daily administration may be required for long-term maintenance. As safety and efficacy studies in children are not yet complete, the

product is currently not recommended for use in children under 16 years of age.

Contra-indications: There are no known absolute contra-Indications

Special Precautions and Warnings: NAPROSYN has been found to be well tolerated by patients exhibiting dyspepsia with other similar agents. Nonetheless, episodes of gastro-intestinal bleeding have been reported in patients with NAPROSYN therapy, NAPROSYN should be given under close supervision to patients with a history of gastrointestinal disease

Due to the high plasma protein binding of NAPROSYN, patients simultaneously receiving hydantoins, anti-coagulants or a highly protein-bound sulphonamide should be observed for signs of

Occasional skin rashes and angio-oederna have been reported. Patients who have exhibited aspirin hypersensitivity in the past (usually as the angio-oedema/asthma syndrome) may exhibit the same phenomenon on NAPROSYN. The following additional occurrences have been reported with NAPROSYN but a casual relationship to

NAPROSYN has not been established: abdominal discomfort, epigastric distress, headache, inability to concentrate, insomnia, thrombocytopenia,

Sporadic abnormalities in laboratory tests (e.g. liver function tests) ave occurred in patients on NAPROSYN therapy but no definite trend

was seen in any test indicating toxicity.

Mild peripheral oedema has been observed in a few patients receiving NAPROSYN. Although sodium retention has not been reported in metabolic studies, it is possible that patients with questionable or compromised cardiac function may be at greater risk when taking NAPROSYN.

Teratology studies in rats and rabbits, at dose levels equivalent on a human multiple basis to those which have produced foetal abnormality a numan murriple basis to those which nave produced rocal abnormality with certain other non-steroidal anti-inflammatory agents, e.g. aspirin, have not produced evidence of foetal damage with NAPROSYN. As with other drugs of this type, NAPROSYN produces delay in parturition in animals. The relevance of this finding to human patients is unknown. However, good medical practice indicates minimal drug usage in pregnancy, and use of this class of therapeutic agents requires cautious classics for actiful base the series to the state of the series. balancing of possible benefits against potential risks to the mother and foetus.

Overdosage: Should a patient ingest a large number of NAPROSYN tablets accidentally or purposefully, the stomach may be emptied and usual supportive measures employed. Animal studies indicate that the prompt administration of activated charcoal in adequate amounts would tend to reduce markedly the absorption of the drug.

Phermaceutical Precautions: Protect from light. Legal Category: To be supplied on prescription only. Package Quantities: NAPROSYN is supplied in canisters of 250 tablets. (N.H.S. cost-14p per day).

Further Information: In addition to the excellent therapeutic efficacy demonstrated by NAPROSYN in comparative clinical trials, good tolerance has been demonstrated, even in patients exhibiting multiple intolerance to other commonly used non-steroidal

anti-inflammatory agents.
Product Licence Number PL/0286/0031B NAPROSYN (naproxen) is a registered trade mark Further information is available on request. PRODUCT LICENCE HOLDER.

Syntex Pharmaceuticals Ltd., St. Ives House, Maidenhead, Berks.





Powerful in arthritis. Kind to patients.



Detecto, the broad spectrum antibiotic for the routine treatment of respiratory tract infections.

Detecto combines the high power efficacy of three proven tetracyclines with low dose safety.

Detecto, the economic treatment for winter infections, costs less than 6p a day.

Deteclo

the routine antibiotic

Each tablet contains tetracycline 115.4mg, chlortetracycline 115.4mg, demethylchlortetracycline 69.2mg

Full information is available on request



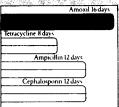
Lederle Laboratories
A division of Cyanamid of Great Britain Ltd.
Gosport Hampshire

*Trade Mark

in bronchitis highly effective sometimes vital



isten to the difference between Afm and other antibiotics



given significantly longer

periods of relief from acute exacerbations of chronic bronchitis than tetracyclines, ampicillin, and cephalosporm.(fig.1)1 The difference that makes

Amoxil more effective than ampicillin in the treatment of

> ne difference which takes over aere the tetracyclines have done all you an expect of them in bronchitis—so that significantly greater relief of all clinical symptoms can be demonstrated. The difference that allows Amoxil

to penetrate bronchial membrane barriers regardless

of the degree of inflammation.4 (fig. 2)

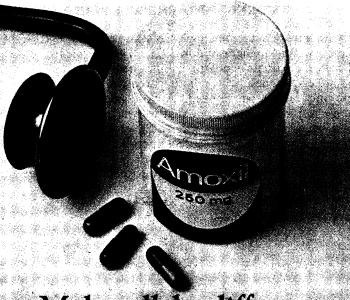
The difference in absorption

that means Amoxil can be taken t.d.s. with or without food6-which means it is simpler for patients to take properly. To these differences must be added Amoxil's safety and the fact that it is one of the least expensive therapies

for respiratory infections. No wonder doctors

everywhere are recognising

that Amoxil makes all the difference.



References

- 1. Chemotherapy,(1973), 18,(Suppl.) 19.
- 2. Brit. J. Dis. Chest, (1972), 66, 185.
- S.A.Med J. (1973), 47,717.
 Excerpta Medica I.C.S. (1974), No. 326,130.
 Practitioner, (1974), 212,123.
- 6. Excerpta Medica I.C.S. (1974), No. 326, 25.
- Pull prescribing information on Arrioxil (regd), amos veillin, is available from Bencard, Brentford, Maddlesex
- .l Comparative relapse rates in severe cases. (.2 Moderate bronchitic lung with emphysema

Makes all the difference in respiratory infections.

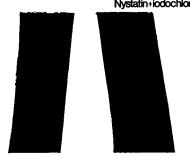


Is the problem in the Nystaform-HC zone?



NYSTAFORM·HC effectively controls dermatoses where bacterial and fungal (particularly monilial) infections occur, whilst promptly relieving the associated pruritus.

NYSTAFORM-HC





"...bronchitics

are at risk of developing lower respiratory illness and secondary bacterial infection following viral invasion"

Update Postgraduate Centre Series, Chronic Bronchitis (1973), 14.

Influenza immunisation helps everyone

Amongst the "at risk" patients, bronchitics are especially vulnerable. An immunisation programme can alleviate the additional strain on a practice during an influenza outbreak.1 It can significantly reduce the chance of hospital admissions among older people.2 Protecting your bronchitics now with Admune influenza virus vaccine will almost certainly reduce the number of their winter exacerbations. 1. Practitioner (1969), 202, 424 2. Modern Geriatrics (1971), 1, 156

Remember, the bronchitic is at risk every winter-not merely during an epidemic

Has your practice arranged an Admune immunisation programme this Autumn? To help you, surgery posters, patients' appointment and record cards (and full product information) are available on request.

Protect your bronchitics ADMUNE against flu with

The purely British flu vaccine



Scottish Medical Journal

Edited by W. R. Greig

This is a bi-monthly journal devoted to the publication of original investigations in all branches of medicine, review articles, historical subjects of medical interest, and clinical memoranda.

Published bi-monthly. Volume 20, 1975.

Annual subscription £5.00. U.S.A. \$15.00

Single numbers £1.00 U.S.A. \$3.50

Published under the E. & S. Livingstone imprint.

ORDER FORM

To: Longmans Group Ltd., Journals Division, 43-45 Annandale Street, Edinburgh EH7 4AT, Scotland.

Please enter my subscription to SCOTTISH MEDICAL JOURNAL.

I enclose remittance value made payable to Longman Group Ltd.

Registration No.: 872828 England



Longman 1724 - 1974

REMEDIAL HOLIDAYS IN THE PROPERTY



Your patients could benefit this winter from the warm thermal waters of LAKE HEVIZ. Inspected and recommended by British Rheumatologists. Bathing, treatment, etc. under medical supervision*.

16 Days all inclusive holiday in first class hotel, scheduled flights to Budapest FROM £134.

Send for brochure with fuller details.

Wakefield Fortune, 56 Haymarket, London, S.W.1.

Telephone: 01-930 4455 ATOL 277 BC

*SEE DAILY TELEGRAPH ARTICAL 5.9.1974 & THE ROYAL COLLEGE OF GENERAL PRACTITIONERS OCT. 1974

UNIVERSITY OF MANCHESTER Research Officer in the Department of General Practice

Applications invited from medically qualified candidates for this post, to make a comparative study of two groups of entrants to General Practice. One group will have received formal vocational training: the other will not have had such training. Appointment will be for three years. Opportunity exists to work for a higher qualification. Salary range p.a. £4,437 to £4,812 F.S.S.U. Further particulars and application form (returnable by December 9th) from the Registrar, The University, Manchester, M13 9PL. Quote ref. 235/74/RGP.

Am I too old at 36? After B.Sc. and diverse experience at home and abroad including industry, I qualified Leed 1970. Now completing vocational training scheme, I seek a partnership in 3-4 man practice, with a high standard of personal care. Training practice with general-practitioner hospital an added advantage. Eclectic leisure interests. Married. D.Obst. and M.R.C.G.P. Wynne, 5, Birchwood Drive, Rushmere, Ipswich.

GRAMPIAN HEALTH BOARD SOUTH DISTRICT

University of Aberdeen

VOCATIONAL TRAINING FOR GENERAL PRACTICE

Applications for twelve places in this approved three-year scheme are invited from medical graduates who wish to train for a career in general practice and who are fully registered on 1 August 1975.

Trainees will spend the first two years in Hospital Service Posts at Senior House Officer grade. These posts include experience in Casualty, Dermatology, E.N.T., Ophthalmology, Paediatrics, Obstetrics and Gynaecology. In the second year an elective period of three months is available for each trainee to spend in a hospital department of his or her own choice.

The third year will be spent mainly as an assistant in a local training practice from which two half-days per week release will be arranged for courses in psychological medicine and practice organisation, and for visits to other practices and to the social services relevant to the work of the family doctor.

Those wishing to be considered for the intake on 1 August 1975, should complete and return by 30 November 1974 an application form obtainable from:

The District Medical Officer, Grampian Health Board—South District, Foresterhill House, Ashgrove Road West, Aberdeen, AB9 8AQ.

Details of the training schedule will be sent out with the application form, but any enquiries about the scheme may be addressed to:

Dr Denis Durno, Regional Adviser in General Practice, c/o Department of General Practice, University Medical Buildings, Foresterhill, Aberdeen, AB9 2ZD.

Experienced English G.P., age 35, married, seeks partnership in congenial, semi-rural group practice in southern England. Modest income and workload preferred. Interim part-time considered. Box 108, Longman Group Ltd., Journals Division, Longman House, Burnt Mill, Harlow, Essex.

BARNET AREA HEALTH AUTHORITY BARNET/FINCHLEY HEALTH DISTRICT

Vocational Training Scheme For General Practice

BARNET GENERAL HOSPITAL

Applications are invited from Registered Medical Practitioners for up to four posts in this scheme, beginning December 1974. After an initial month in a selected general practice two years will be spent on a rotation of hospital posts at S.H.O. level. There will then be a further eleven months in general practice.

The hospital S.H.O. posts are: Accident and Emergency, Obstetrics, Geriatrics, Psychiatry.

There will also be opportunity to attend other hospital specialist departments, such as Dermatology, E.N.T. etc.

During the whole three years there will be regular meetings of the Trainee/Trainer group. The posts are recognised for the D.Obst.R.C.O.G. and the M.R.C.G.P. examinations. Married accommodation will probably be available.

Further details and application form obtainable from the Hospital Secretary, Barnet General Hospital, Wellhouse Lane, Barnet, Herts., to whom applications should be returned as soon as possible.

Readers are asked to mention *The Journal* of the Royal College of General Practitioners when replying to all advertisements.

Trainee vacancy in well organised group practice in Central London; all the usual accoutrements, domiciliary midwifery, family planning, developmental paediatrics, etc. Attached health visitor, appointments system. Planned training programme. Special interests encouraged—plenty of free time to attend half-day release courses, clinics, lectures and half-day release courses, clinics, lectures and also for leisure. Two of the principals—M.R.C.G.P. by exam—have special training in teaching, and hold clinical assistantships at nearby teaching hospitals. Post available 1 January 1975. Previous trainees available for reference. Usual N.H.S. terms.

Dr K. E. Schöpflin, 198 Cable Street, London, E.1 Tel. No: 01-790-2962

COLLEGE ACCOMMODATION

Charges for college accommodation are reduced for members (i.e. fellows, members and associates). Members of overseas colleges are welcome when rooms are available. All charges for accommodation include breakfast and are subject to Value Added Tax; a service charge of 12½ per cent is added. Members are reminded that children under the age of 12 years cannot be admitted and dogs are not allowed.

Charges are:	Members	Others
•	£	£
Single room	3.50	4.50
Double room	6.00	9.00
Flat 1	8.00 or 50.00 per week	10.00 or 60.00 per week
Flat 3	9.00 or 55.00 per week	12.00 or 70.00 per week

Charges are also reduced for members hiring reception rooms compared with outside organisations which apply to hold meetings at the College. All hirings are subject to approval and VAT is added.

Charges are:	Members	Others
_	£	£
Long room	30.00	40.00
Damask room	20.00	30.00
Common room		
and terrace	20.00	30.00
Kitchen	_	10.00
Dining room	10.00	10.00

Enquiries should be addressed to the Accommodation Secretary, Royal College of General Practitioners, 14 Princes Gate, Hyde Park, London SW7 1PU. (Tel. 01 584 6262). Whenever possible bookings should be made well in advance.

EPIDEMIOLOGY IN COUNTRY PRACTICE

by

W. N. Pickles

This classic book from general practice has not been available for many years.

A special facsimile of the 1939 edition has now been published by the Royal College of General Practitioners in a *limited edition* of 1,000 copies. Any profits will go to the college appeal.

Copies are available from the address below and orders will be dealt with in turn while stocks last.

Cheques should be made payable to the Royal College of General Practitioners and orders sent to: Bookpack Department, The Royal College of General Practitioners, Kitts Croft, Writtle, Chelmsford CM1 3EH. Price: £3 post free (£4 overseas), cash with order.

Burinex K

the only short-acting diuretic with built-in potassium supplementation

Burinex K is positively indicated as a diuretic

- * in patients undergoing concurrent treatment with digitalis
 - * in the treatment of chronic congestive heart failure
 - * for maintenance therapy

The time of administration can be suited to the daily routine of the ambulant patient. An early evening dosage allows the patient to retire to bed in a state of therapeutic dehydration --numinising nocturia and nocturnal disenses.

The short period of diuretic activity

allows for natural compensatory absorption of dietary potassium during the prolonged diuretic-free phase (some 31 hours per day).

Burmex K reduces the number of tablets the cardiac patient has to take, thus avoiding confusion and medication errors.



Burinex K is burnetanide. 6.5 mp; with slow release ristascrim chloride (573 mq).

Leo Laboratories Linuted,
Have July Harristories Have Maiste

Further information available on reques