ketoconazole

therapy ommon

Vaginal candidosis:	In all dermatological and in systemic fungal infections:
	1 tablet daily

2 tablets once daily (with food) for 5 days

(with food) until complete sympto-matic and mycological cure is obtained

Not all indications are as yet approved in all countries.

PRESCRIBING INFORMATION
Presentation: white, flat, half scored uncoated tablets marked "Janssen" on one side and k/200 on the reverse. marked "Janssen" on one side and k/200 on the reverse. Each tablet contains 200 mg ketoconazole. **Uses: Nizoral** is an orally active antimycotic for the treatment in adults, of vaginal candidosis, superficial and systemic mycoses including dermatophyte and yeast infections of the skin, hair and nails, yeast infections of the mouth and G.I. tract. Also maintenance treatment of systemic mycoses and chronic mucocutaneous candidosis and prophylaxis in "at risk" patients. In children: systemic mycoses and severe local infections where previous topical treatment has failed "at risk" patients. In children: systemic mycoses and severe local infections where previous topical treatment has failed. **Side-effects, precautions, contra-indications:** contra-indicated in pregnancy. For maximal absorption. **Nizoral** should be taken with meals. The use of agents which reduce gastric acidity (anti-cholinergic drugs, antacids, H₂ blockers) should be avoided and, if indicated, such drugs should be taken not less than two hours after **Nizoral**. Nausea, skin rash, headache and pruritus may occasionally be observed. Alterations in liver function tests have occurred in patients on ketoconazole, these changes may be transient. Cases of hepatitis have been reported with an incidence of about 1 per 10,000 patients. Some of these may represent an idiosyncratic adverse reaction to the drug. This should be borne in mind in patients on long-term therapy. If a patient develops jaundice or any symptoms suggestive of hepatitis, develops jaundice or any symptoms suggestive of hepatitis, treatment with ketoconazole should be stopped.



Janssen Pharmaceutica B-2340 Beerse, Belgium

Just published

ABC OF COMPUTING

Although computers are being widely used in medicine, their possibilities and limitations are still not clear to many potential users. This book, aimed at the non-expert, describes some of the uses of computers in medicine; because most doctors' involvement will be indirect, liaising with computer experts rather than designing systems themselves, the book concentrates on concepts rather than detailed descriptions of how computers work. It provides a useful introduction for the doctor who wants to know how computers can contribute to his practice of medicine.

Price: Inland £5.75; Overseas £8.00*; USA \$14.00* (Inland £5.25; Overseas £7.50*; USA \$13.00* to BMA members)

*including air mail postage

Payment must be enclosed with order

Order your copy now From: The Publisher British Medical Journal BMA House Tavistock Square London WC1H 9JR or any leading bookseller



iii

A different and rewarding opportunity for the pathologist.

BRITISH MEDICAL JOURNAL VOLUME 287

The Royal Air Force offers qualified doctors 3-to 5-year short service commissions (with opportunities for further service) in the speciality of pathology.

If you've worked in any speciality of pathology, whatever your level of experience, there could be a position for you in one of our hospitals at home or abroad.

If you've had no experience, and are without post graduate qualifica-

tions in pathology, we are able to offer you training recognised by the Royal College of Pathologists.

Your starting salary will be at least £13,494 (SHO) or

more depending on your experience.

A gratuity of £1,410 per year is paid to those leaving after completing a short service commission. The upper age limit on entry is 39.

For further information write to: Wing Commander P. L. Hickey MB BS, DObstRCOG, DAvMed, RAF,

Room 722, (724/MH/2)

First Avenue House

High Holborn, London WC1V 6HE, listing your present and/or intended

qualifications. You must be a British subject and should have been resident in the UK for the last five years before applying.

Formal application must be made in the UK.



RAF Officer



Oxford Medical Publications

Oxford Textbook of Psychiatry M. Gelder, D. Gath, and R. Mayou

This major new textbook deals with all the topics required by a general psychiatrist preparing for higher qualifications. It emphasizes principles fundamental to the sound practice of clinical psychiatry, and is up to date and readable. £35 paperback £20

Oxford Textbook of Medicine

Edited by D.J. Weatherall, J.G.G. Ledingham, and D.A. Warrell

'The Oxford Textbook succeeds as a work of reference. Indeed it is probably the best work now available in clinical medicine at this level. . . . They wanted to make this an original and striking textbook. They have succeeded.' British Medical Journal Two volumes illustrated £45

Antenatal and Neonatal Screening Edited by N.J. Wald

This book looks at screening for disease in the antenatal and neonatal periods. Priority is given to the screening of diseases which lend themselves to effective intervention. Illustrated £22.50

Autonomic Failure

A Textbook of Clinical Disorders of the Autonomic Nervous System

Edited by Sir Roger Bannister

'Perfection is hard to come by. This book is near enough to it for many cardiologists, neurologists, and general physicians to wish to have a copy, and for all medical libraries to require one.' British Medical Journal Illustrated £45

Exotica

A Further Miscellany of Clinical and Pathological **Experiences**

W.St. Clair Symmers

A collection of unusual clinical and laboratory experiences of the course and diagnosis of illness and injury, ranging from the commonplace to the exotic and the bizarre. Illustrated £8.95

Medical Diagnosis

From Student to Clinician

J. Gale and P. Marsden

This book presents a theoretical framework on which to build the skill of clinical problem-solving. Illustrated £17.50

The Malformed Infant and Child

R.M. Goodman and R.J. Gorlin

A unique guidebook covering 200 of the most common malformation syndromes, most of which are congenital and genetically determined. Illustrated £30 paperback £16

Oxford University Press

Major new books

Critical Care of the Obstetric **Patient**

Edited by Richard L. Berkowitz

568 pages illustrated hardback £45.00

This book contains detailed information about the diagnosis and management of serious, but relatively infrequent, conditions affecting pregnant women

It is invaluable in that it assembles in one volume relevant material from a variety of sources relating to the modern assessment and therapy of potentially fatal conditions which can arise in pregnancy

Much of the information has been gathered from nonobstetrical subspecialities and from previously unpublished data

This is the only book available which deals exclusively and in depth, with the very special problems of critically ill pregnant patients,

Contents include:

■ Fluid management in the massively bleeding obstetric patient Cardiac surgery in pregnant women The surgical approach to severe respiratory diseases during pregnancy Neurologic emergencies during pregnancy Drug intoxication and anaphylatic shock in the obstetric patient

Drugs and Pregnancy: Human teratogenesis and related problems

Edited by D.F. Hawkins

242 pages 6 illustrations 17 tables hardback £10.00

This is a book by clinicians for clinicians and will be of great benefit when decisions must be made on when and what drugs to prescribe to prednant patients

It gives basic guidance through the mass of drug information emanating from sources of varying usefulness, complexity and authenticity

- Section 1 deals with the principles of drugs and pregnancy
- Section 2 discusses the *practice* of giving drugs to pregnant patients

Drug Prescribing in Pregnancy (Current Reviews in Obstetrics & Gynaecology-7)

B. Krauer, F. Krauer and F. Hytten

192 pages illustrated paperback £9.95

This invaluable book provides the most up-to-date information available on the effects of drugs on a mother and her fetus

Part 1 deals with general principles of drug prescribing in pregnancy, followed by data summaries compiled from a wide-ranging review of the literature

Part 2 covers pregnancy and its effects on drug handling and includes a valuable section on characteristics governing drug transfer across the placenta

Part 3 is unique in bringing together all that is known about those drugs commonly prescribed in modern obstetric practice. It is completely concerned with what is known about drugs in pregnancy in humans as

Churchill Livingstone 🏙





GRUNE & STRATTON

PERSISTENT PAIN

NEW

Modern Methods of Treatment

Volume IV

Edited by S. Lipton and J. Miles

1983, 224pp., \$36.00/£20.00 (UK only)/ISBN: 0-8089-1579-7

From the Reviews of Previous Volumes:

"There is no doubt that this series will become one of the standard works on the problem and treatment of persistent pain..."

— Journal of Neurology, Neurosurgery and Psychiatry.

IMMUNOLOGY IN MEDICINE

NEW

A Comprehensive Guide to Clinical Immunology Second Edition

Edited by E.J. Holborow and W.G Reeves

1983, 676pp., \$88.00/£55.00 (UK only)/ISBN: 0-8089-1573-8

From a Review of the First Edition:

"It is excellent value for the price ... for it is a book that will be constantly referred to in a wide variety of clinical situations."

New Scientist

OTHER NEW TITLES INCLUDE

The Clinical Approach to Thalassaemia – Bernadette Modell and Vasili Berdoukas January 1984, 464pp., \$49.00/£30.00 (UK only)/ISBN: 0-8089-1621-1

Dialysis and Treatment of Renal Insufficiency – John C. Van Stone M.D. 1983, 400pp., \$45.00/£32.00 (UK only)/ISBN: 0-8089-1566-5

The Practical Management of Asthma – Edited by Arthur Dawson, M.D. and Ronald Simon, M.D. 1983, 320pp., \$39.50/£28.50 (UK only)/ISBN: 0-8089-1595-9

Pediatric Respiratory Disorders: Clinical Approaches – Edited by Eliezer Nussbaum, M.D. and Stanley Galant, M.D. 1983, 352pp., 137 illus., \$38.50/£27.50 (UK only)/ISBN: 0-8089-1571-1

Progress in Gastroenterology: Volume IV – Edited by (The late) George B. Jerzy Glass, M.D. and Paul Sherlock, M.D. 1983, 704pp., 136 illus., \$69.50/£49.50 (UK only)/ISBN: 0-8089-1555-X

Antimicrobial Therapy for Newborns: Practical Application, Second Edition – George H. McCracken, Jr., M.D. and John D. Nelson, M.D.

1983, 240pp., \$24.50/£17.50 (UK only)/ISBN: 0-8089-1565-7

Vascular Surgery: A Comprehensive Review – Edited by Wesley S. Moore, M.D. 1983, 976pp., 378 illus., \$89.00/£63.50 (UK only)/ISBN: 0-8089-1624-6

Urological Cancer – Edited by Donald Skinner, M.D. 1983, c.250pp., \$19.00/£13.50 (UK only)/ISBN: 0-8089-1610-6

Surgery for Congenital Heart Defects – Edited by J. Stark and M. de Leval 1983, 544pp., \$175.00/£95.00 (UK only)/ISBN: 0-8089-1161-9

Liver Transplantation – Edited by R.Y. Calne 1983, 375pp., \$60.00/£35.00 (UK only)/ISBN: 0-8089-1550-9

FOR FURTHER DETAILS CONTACT GRUNE & STRATTON

24-28 OVAL ROAD, LONDON, NW1 7DX 111 FIFTH AVENUE, NEW YORK, NY 10003, USA

New Books from WRIGHT · PSG

Postgraduate Textbook of Clinical Orthopaedics

by NIGEL HARRIS MA MB BCHIR FRCS, Consultant Orthopaedic Surgeon, St Mary's Hospital. With an International Editorial Advisory Board 272 x 210mm, 1048 pp, 1058 illustrations, case and jacket

0 7236 0638 2

£80.00

A Guide to Gastrointestinal Motility

Edited by James Christensen Professor of Internal Medicine, Iowa Medical College and David Wingate, Gastrointestinal Research Unit, London Hospital Medical College.

234 x 138mm, 272 pp, 110 illustrations, cased 0 7236 0691 9 £25.00

An Outline of Cardiology

J VANN JONES PHd MRCP and R BLACKWOOD MB MRCP. Practical and theoretical aspects of cardiology. An excellent revision for MRCP.

234 x 156mm, 192 pp, 149 illustrations, paper back

0 7236 0689 3 £6.95

Pye's Surgical Handicraft, 21st Edition

The Centenary Edition, to appear in March 1984. Edited by JAMES KYLE DSC MCH ERCS FRCS(Ed) FRCSI 234 x 156mm, 776 pp, 418 illustrations, paper back

0 7236 0694 3

about £15.50

Medical and Surgical Problems in Obstetrics

Edited by M BRUDENELL MB BS|Lond| FRCS|Eng| FROCG Consultant Obstetrician and Gynaecologist and P L WILDS MD Professor of Obstetrics and Gynaecology.

272 x 210mm, 336 pp, 36 illustrations, cased

272 x 210mm, 336 pp, 36 illustrations, cased 0 7236 0692 7 about £30.00

*Drug Use in Pregnancy

by L STERN, Professor of Paediatrics, Brown University.

0 86792 011 4

Cased

about £20.00

*Drug Treatment in the Elderly

Edited by R E VESTAL VA Medical Center, Boise. Concentrating on geriatric clinical pharmacology. 0 86792 008 4 Cased about £34.50 *ADIS Health Science Press, not available from WRIGHT PSG in Australia, New Zealand or Far East

Primary Care Geriatrics

A Case-Based Learning program
R J HAM MD American Geriatrics Society
An informative and practical approach to teaching.
352 pp, paper back
0 7236 7052 8 about £35.00

WRIGHT-PSG 823-825 BATH ROAD BRISTOL BS4 5NU Also in London and Boston (U.S.

MEDICINE FROM CAMBRIDGE

Textbook of Contraceptive Practice

Second Edition

MALCOLM POTTS and PETER DIGGORY

Attractively and informatively illustrated and completely rewritten to take account of the rapid developments of the last fifteen years, the new Textbook of Contraceptive Practice tackles the historical, social and political aspects of family planning as well as the clinical.

Hard covers £30.00 net
Paperback £12.50 net

Handbook of Psychiatry Volume 2

Mental Disorders and Somatic Illness

Edited by M. H. LADER

The latest volume in the *Handbook* deals principally with neurology and those medical disorders most closely related to psychiatry.

Contributors: D. P. Birkett; M. R. Bond; J. L. Crammer; J. Cutting; G. W. Fenton; M. F. Folstein; A. H. Ghodse; J. L. Gibbons; K. Granville-Grossman; B. J. Gurland; A. D. Isaacs; R. Kumar, M. H. Lader, P. R. McHugh; C. D. Marsden; H. G. Morgan; I. Oswald; D. Ricks; M. Victor.

Hard covers £30.00 net Paperback £12.95 net

Methodology in Evaluation of Psychiatric Treatment

Edited by T. HELGASON

This composite volume reviews and evaluates the various methods available for quantifying the success of psychiatric treatment, particularly in difficult areas such as social- and psychotherapy.

£17.50 net

Concept and Practice of Therapeutic Teams

Edited by H. DE CLERCQ, J. W. POSTON and JOAQUIN BONAL

These proceedings of the eleventh European Symposium on Clinical Pharmacy, held in Brussels in October 1982, focus on the concept of the therapeutic team. Contributors consider the work of therapeutic teams in fields such as parenteral nutrition, oncology, dermatology, epilepsy, internal medicine, nuclear medicine and drug selection. £17.50 net

Progress in Clinical Pharmacy V

Basic Science for the Practising Urologist

MICHAEL C. MAGEE

An authoritative review of the regulatory character of the nervous and endocrine systems as they act upon normal development and function in the reproductive and urinary tracts. On the clinical side, Dr Magee examines such disorders as Cushing's syndrome, the neurogenic bladder, hermaphroditism, and psychogenic impotence. £25.00 net

Interferons: From Molecular Biology to Clinical Application

Edited by D. C. BURKE and A. G. MORRIS

This comprehensive overview of interferon research looks at gene structure and cloning, the industrial-scale production of interferon, the role of interferon in disease, and its possible therapeutic use. £30.00 net

Society for General Microbiology Symposium 35



The British Council International Medical Courses

ADVANCED PAEDODONTICS

18-30 March 1984 in London/Newcastle upon Tyne

This course aims to review current clinical practice, prevention of dental disease and certain aspects of research in the field of paediatric dentistry. The first part of the course will be undertaken in the University of London and a second component will be held in the University of Newcastle. It will be directed jointly by **Professor G B Winter**, Head of the Department of Children's Dentistry at the Institute of Dental Surgery and **Professor J J Murray**, Head of the Department of Child Dental Health at the University of Newcastle. The course is designed for senior clinicians and academics involved in the practice of paediatric dentistry.

Fee £695 (Residential), £405 (Non-residential).

BREAST CANCER: AN INTERNATIONAL SEMINAR

8-14 April 1984 in Edinburgh

This seminar is designed to present the state of up-to-date knowledge on clinical aspects of human cancer of the breast. It will include ten sessions of three and a half to four hours which will present in depth consideration of selected topics, including the natural history of the disease, epidemiological factors, early diagnosis, prediction of spread, local and systemic treatment, and the management of advanced disease. The Directors of Studies will be **Professor A P M Forrest** and **Mr O Eremin** of the Department of Clinical Surgery in the University of Edinburgh. The seminar is open to surgeons, radiation or medical oncologists, pathologists and all others with special knowledge and experience of breast disease.

Fee £415 (Residential), £240 (Non-residential).

EPIDEMIOLOGICAL METHODS 29 April-11 May 1984 in Southampton

This course aims to provide an understanding of the basic epidemiological methods used in medical research. It will also cover some aspects of statistics that are particularly relevant to this field. Examples of epidemiological studies will include some from health services research as well as from the descriptive epidemiology of diseases and studies of the causation of disease. The Director of Studies will be **Professor W E Waters**, Professor of Community Medicine in the University of Southampton. The course is designed for clinical, industrial and administrative medical officers and public health officials, particularly those with medical qualifications. It may also be of use to others involved in socio-medical research. No previous knowledge of epidemiology or statistics will be assumed.

Fee £695 (Residential), £405 (Non-residential).

CHILDREN'S ORTHOPAEDIC SURGERY 12-19 May 1984 in Edinburgh

The aim of this course is to review current management of, and to present recent advances in, children's orthopaedic surgery. It follows the successful course held in Edinburgh in 1982. Topics to be discussed will include: congenital deformities, inflammatory and infectious diseases, neuromuscular disorders, analysis of gait, bone tumours, spinal disorders including scoliosis, and disorders of the hip, knee and foot. The Director of Studies will be **Professor S P F Hughes**. The course is intended for trained children's orthopaedic surgeons.

Fee £495 (Residential), £290 (Non-residential).

RECENT ADVANCES IN TROPICAL MEDICINE

3-9 June 1984 in Liverpool

This course will deal with recent advances in clinical practice, clinical epidemiology and therapeutics of the major tropical parasitic diseases. The relationship of laboratory science to clinical tropical practice with particular reference to immunodiagnosis, biochemical identification of parasites and the pharmacokinetics of some of the drugs used in tropical medicine will be covered. A morning will be devoted to the salient problems of tropical paediatrics. The course will be directed jointly by **Professor H M Gilles** and **Dr D R Bell** of the Liverpool School of Tropical Medicine. The course is designed for experienced physicians interested in new developments in tropical medicine, both in the clinical and research fields, and in various imported tropical diseases.

Fee £430 (Residential), £250 (Non-residential).

DIGITAL RADIOLOGY AND NUCLEAR MAGNETIC RESONANCE: IMPACT ON CLINICAL MANAGEMENT AND HEALTH CARE

3-15 June 1984 in Manchester

The aims of this course are: to present the current state of technological development in digital radiology and nuclear magnetic resonance; to discuss the impact of these imaging modalities in diagnostic and clinical management; to explore the impact of these imaging modalities on the discipline of clinical radiology, particularly with reference to teaching requirements and interdisciplinary relationships; and to consider the financial implications of high cost technology. The Director of Studies will be **Professor I Isherwood** of the Department of Diagnostic Radiology in the University of Manchester. The course is intended for senior clinical radiologists, heads of departments and medical officers concerned with health care administration.

Fee £615 (Residential), £360 (Non-residential).

ORAL AND MAXILLOFACIAL SURGERY 10-22 June 1984 in Glasgow

The aim of this course is to review modern methods of diagnosis and treatment of major deformities, traumatic and oncological conditions of the head and neck. Temporo-mandibular joint disease, aspects of infection and research problems will also be considered. Time will be set aside for discussion so that participants may share their experiences in the appropriate session. The Director of Studies will be Mr K F Moos, Consultant Oral Surgeon in the Plastic and Maxillofacial Unit at Canniesburn Hospital in Glasgow. The course is open to senior practising oral and maxillofacial surgeons and others involved in the specialty.

Fee £695 (Residential), £405 (Non-residential).

TOPICS IN PERINATAL PAEDIATRICS 3-11 July 1984 in Oxford

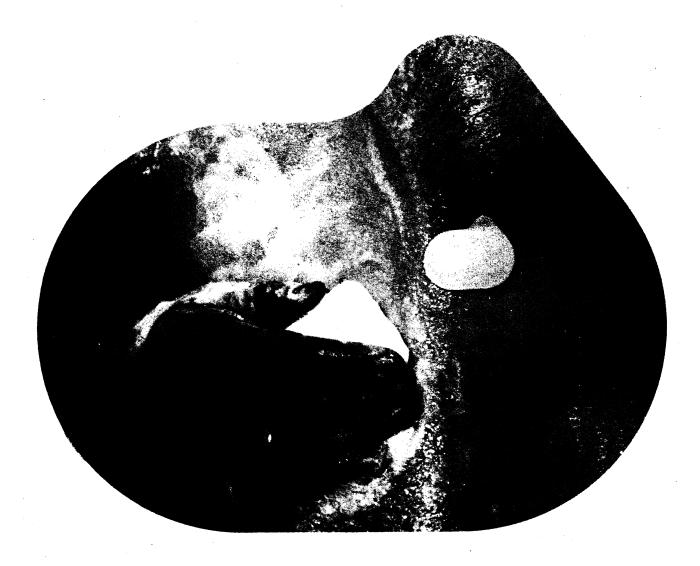
This course will examine five major topics in perinatal paediatrics: statistics, fetal medicine, respiration, the newborn baby's brain, and infection. There will also be two special presentations on psychological factors and social factors on the important topic of nutrition in the newborn. The course will be under the combined direction of **Dr David Baum**, Reader in Paediatrics, University of Oxford and **Dr David Harvey**, Senior Lecturer in Paediatrics at the Institute of Obstetrics and Gynaecology of the University of London. The course is aimed at paediatricians who are working in neonatal intensive care units in developed countries, but it would also be of interest to those working in neonatal units in developing countries.

Fee £415 (Residential), £240 (Non-residential).

FURTHER INFORMATION AND APPLICATION FORMS CAN BE OBTAINED FROM YOUR LOCAL OVERSEAS REPRESENTATIVE OF THE BRITISH COUNCIL OR FROM COURSES DEPARTMENT, THE BRITISH COUNCIL, 65 DAVIES STREET, LONDON W1Y 2AA.

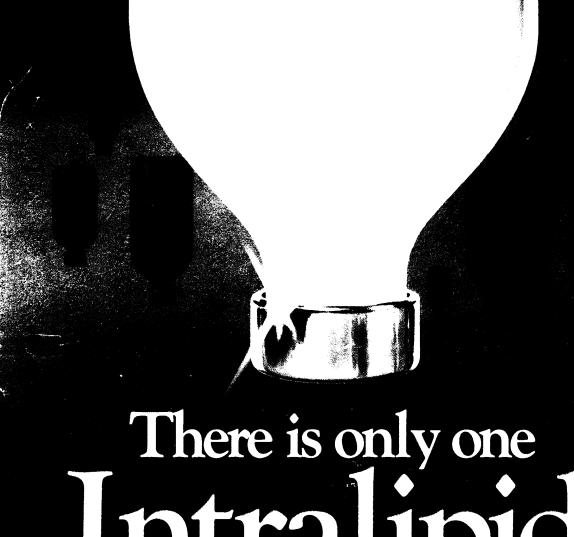
Transiderm-Nitro glyceryl trinitrate Average absorption rate: 5mg in 24 hours

24 hour control of angina pectoris through the skin



Prescribing information Presentation Transiderm-Nitro is a transdermal drug delivery system, comprising a self-adhesive, pink-coloured patch, containing a drug reservoir of glyceryl trinitrate BP. The Transiderm-Nitro patch has a contact surface measuring 10cm², and a glyceryl trinitrate content of 25mg, Indication Prophylactic treatment of attacks of angina pectons, as monotherapy or in combination with other anti-anginal agents. Mode of action Transiderm-Nitro is a novel drug delivery system designed to achieve a prolonged and constant release of glyceryl trinitrate. Glyceryl trinitrates by venous and arterial vasodilatation and redistribution of myocardial blood flow. Following the application of Transiderm-Nitro the plasma level of glyceryl trinitrate reaches a constant plateau within two hours, which is maintained for at least 24 hours. During the first hour after removal of the platch the platch as a deministration of the patch is to be applied every 24 hours. The average total mount of glyceryl trinitrate absorbed per patch in 24 hours is 5mg. It is recommended that the patch is applied to the lateral chest wall. The patch should be removed after 24 hours, and the replacement patch applied to a new area of skin. Allow several days to elapse before applying a fresh patch to the same area of skin. If acute attacks of angina pectoris occur, rapid acting nitrate preparations may be required. Efficacy and tolerability beyond 28 days "therapy have yet to be established. Side-effects Headache may occur and usually regresses after a few days. Relex tachycardia can be controlled by concomitant treatment with a beta-blocker. Postural hypotension, nausea and dizziness occur rarely. Allergic skin reactions, alocal mild tichingor burning sensation may occasionally occur. Upon removal of the patch, any slight reddening of the skin will usually disappear in a few hours. Prescutions in recent myocardiatinate roreasing doses of long-acting or all nitrates. Contra-indications Transiderm-Nitro should not be prescribed to





25 million infusions over 20 years of experience

A KabiVitrum Nutritional Product

KabiVitrum AB, S-112 87 Stockholm, Sweden



sodium fusidate

knows in staphylococcal infection

Prescribing Information.

Dosage: FUCIDIN TABLETS (250 mg sodium fusidate). 500 mg 3 times daily.

Adverse reactions and precautions: In some patients taking Fucidin, a reversible aundice has been reported, most frequently in subjects receiving intravenous therapy. In general, oral therapy should be instituted as soon as possible. If the jaundice persists, the drug should be withdrawn, following which the serum bilirabin will invariably return to normal. Fucidin is excreted mainly in the bile and liver function tests should be carried out in patients with liver dysfunction when used for prolonged periods and when administered in conjunction with other drugs which may compete for the same excretory pathway. Gastro-intestinal upset occurs in some patients taking oral Fucidin. This can be minimised by taking the tablets with food.

Product Licence Number: 0043/5000

Basic N.H.S. Price: For an adult £3.87 per day ex bottle of 100

Also available as Fucidin Suspension and Fucidin for Intravenous Infusion.

Leo Laboratories Limited
Longwick Road, Princes Risborough,
Aylesbury, Bucks. HP17 9RR Fucidin is a trademark