

# Nizoral<sup>TRADEMARK</sup>

(ketoconazole) tablets

# over 5 million prescriptions world-wide.

## Oral medication in antifungal therapy:



Doctors and patients around the world are discovering the modern simplicity of Nizoral oral therapy. Common but often problematic fungal infections can now be treated effectively and elegantly.

Typically, in *Candida* vaginitis, 2 oral tablets once daily for 5 days is all it takes today to effectively cure the problem.



**JANSSEN**  
PHARMACEUTICA

the drug discovery company

#### Prescribing Information

**Presentation:** white, flat, half scored uncoated tablets 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. **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, H<sub>2</sub>-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, treatment with ketoconazole should be stopped. Mild asymptomatic increases of liver enzyme levels, on the other hand, do not necessitate discontinuation of the treatment. Ketoconazole, when given together with cyclosporin A results in increased blood levels of cyclosporin A. It is important that blood levels of cyclosporin A are monitored if the two drugs are given concomitantly. Ketoconazole 200 mg once daily produces a transient decrease in plasma levels of testosterone. During long-term therapy at this dose, testosterone levels are usually not significantly different from controls. In rare instances, gynaecomastia has been reported.

# RECENT ADVANCES from Churchill Livingstone

Up-to-date reviews of topics of current interest and importance in medicine.

"Recent Advances is quite simply required reading" *The Lancet*  
 "... the standard ... is impeccable ..." *The Lancet*

## Recent Advances in Clinical Oncology-2

Edited by C. J. Williams and J. M. A. Whitehouse

1986 260 pages illus hardback £30.00

The most important areas of progress in clinical oncology have been covered by eminent authorities in this field.

## Recent Advances in Gastroenterology-6

Edited by R. E. Pounder

1986 384 pages illus hardback £28.00

This volume not only presents review articles but also describes areas of active research and clinical interest.

## Recent Advances in Dermatology-7

Edited by R. H. Champion

1986 266 pages illus hardback £28.00

Maintains the tradition of earlier volumes, containing papers that are entirely clinical along with those concerned with fundamental research.

## Recent Advances in Hepatology-2

Edited by H. C. Thomas and E. A. Jones

1986 206 pages illus hardback £38.00

Offers a practical update to all those concerned with patients with liver disease.

## Recent Advances in Epilepsy-3

Edited by Timothy A. Pedley and Brian S. Meldrum

1986 328 pages illus hardback £38.00

The latest volume in this successful series which forms a cumulative textbook providing a comprehensive review of thought and practice in epilepsy.

## Recent Advances in Radiology and Medical Imaging-8

Edited by R. E. Steiner and Thomas Sherwood

1986 266 pages illus hardback £36.00 approx

A consolidated view on some topics of particular recent interest.

## Recent Advances in Rheumatology-4

Edited by J. M. H. Moll and R. D. Sturrock

1986 272 pages illus hardback £40.00

A collection of clinically orientated review articles.

## Recent Advances in Sexually Transmitted Diseases-3

Edited by J. D. Oriel and J. R. W. Harris

1986 266 pages illus hardback £36.00

This latest volume encompasses many of the problems caused by sexually transmitted diseases.

Churchill Livingstone 

Robert Stevenson House  
 1-3 Baxter's Place  
 Leith Walk  
 Edinburgh EH1 3AF

## Appleton-Century-Crofts New Titles

### **Goldfrank's Toxicologic Emergencies,** 3rd Edition

*Lewis R. Goldfrank, Editor*

Extensive revision of a classic text featuring case studies and new material on alcohol abuse, environmental toxins, over-the-counter preparations and diagnostic testing.

Spring 1986 704 pages 8385-3140-7 £90.95 \$117.30

### **Intravitreal Surgery**

Principles and Practice

*G. A. Peyman and J. A. Schulman*

This superbly illustrated text spans generally accepted as well as more recent advances in techniques of intravitreal surgery. Contains up-to-date coverage of the anatomy, physiology, and pathology of the vitreous.

Spring 1986 640 pages 8385-4319-7 £133.75 \$172.50

### **Maxcy-Rosenau Public Health and Preventive Medicine,** 12th Edition

*J. M. Last, Editor*

Toxic shock syndrome, AIDS and health hazards of smoking for non-smokers are among the new topics covered in this substantially revised edition of a well-respected volume on public health practices.

Spring 1986 1600 pages 8385-6187-X £133.75 \$172.50

### **Spinal Injury,**

2nd Edition

*David Yashon*

Substantially revised and up-dated, this authoritative reference offers the latest techniques for the diagnosis and treatment of all aspects of spinal injury.

Spring 1986 384 pages 8385-8636-8 £74.85 \$96.55

### **Surgery of the Esophagus,**

2nd Edition

*R. W. Postlethwait*

New and improved drawings of operative procedures help illustrate this updated and enlarged authoritative reference. Also featured are updated graphs and tables, current literature review, and treatments. Comprehensive coverage is given on etiology, pathophysiology, symptoms, diagnosis and treatment for diseases of the esophagus.

Spring 1986 640 pages 8385-8724-0 £117.70 \$151.80

### **Thyroid and Parathyroid Imaging**

*M. P. Sandler, J. A. Patton and C. L. Partain*

Included in the text are comprehensive and practical descriptions of the latest imaging techniques used in the diagnosis and treatment of thyroid and parathyroid disorders. Management of the adult and pediatric patient, and the patient exposed to high dosage radioactive agents is discussed.

Spring 1986 416 pages 8385-8963-4 £80.25 \$103.50

Prices are correct at the time of going to press but may be subject to change.

**Appleton-Century-Crofts**

66 Wood Lane End,  
Hemel Hempstead,  
Hertfordshire HP2 4RG  
England



## Spring Book Collection

### **Gynaecological Oncology**

Edited by **C. P. Morrow**, Los Angeles; **G. E. Smart**, Edinburgh

1986. 75 figures, 110 tables. XIX, 277 pages. Hard cover DM 96,- (approx. £ 32.00) ISBN 3-540-15775-1

### **Handbook for the Academic Physician**

Edited by **W. C. McGaghie**, **J. J. Frey**, The University of North Carolina, Chapel Hill 1986. 37 figures. Approx. 415 pages. Hard cover DM 158,- (approx. £ 53.00) ISBN 3-540-96178-X

### **Headache**

By **R. C. Peatfield**, Leeds 1986. 15 figures. Approx. 160 pages. (Clinical Medicine and the Nervous System). Hard cover DM 112,- (approx. £ 37.50) ISBN 3-540-16204-6

### **Infectious Diseases in the Female Patient**

Edited by **R. P. Galask**, University of Iowa, Iowa City; **B. Larsen**, Marshall University, Huntington 1986. XIII, 264 pages (Clinical Perspectives in Obstetrics and Gynecology) Hard cover DM 224,- (approx. £ 75.00) ISBN 3-540-96181-X

### **Pathology of the Eye**

By **G. O. H. Naumann**, University of Erlangen-Nurnberg, Erlangen; **D. J. Apple**, University of Utah, Salt Lake City Translated from the German by D. J. Apple 1986. 544 figures in 1002 separate illustrations. Approx. 1032 pages Hard cover DM 720,- (approx. £ 240.00) ISBN 3-540-96044-9

### **Percutaneous and Interventional Urology and Radiology**

Edited by **E. K. Lang**, University of New Orleans 1986. 223 figures. Approx. 400 pages. (Clinical Practice in Urology). Hard cover DM 228,- (approx. £ 76.00) ISBN 3-540-15589-9

### **Sensory Disorders of the Bladder and Urethra**

Edited by **N. J. R. George**, **J. A. Gosling**, University of Manchester 1986. 64 figures. I-XIV, 182 pages. Hard cover DM 100,- (approx. £ 34.00) ISBN 3-540-15919-3

Springer-Verlag  
Berlin Heidelberg  
New York Tokyo

For further information please contact your Springer representative at 28 Lurke Street, Bedford, MK40 3HU, England

**Springer**



## H. K. LEWIS of GOWER STREET, LONDON

BRITAIN'S SPECIALIST MEDICAL BOOK CENTRE



### MEDICAL BOOKSHOP

Catalogues sent post free on request  
(Please state particular interests)

### AND LIBRARY

Annual Subscription from £ 12 00  
(available in U.K. only)  
(Reduced rates for multiple subscription)  
Prospectus post free on request

H. K. LEWIS & Co. Ltd., 136 GOWER STREET, LONDON WC1E 6BS  
Telephone: 01-387 4282                      Telegrams: Publicavit, London W.C.1

*Now available*

15th Edition

## ROXBURGH'S COMMON SKIN DISEASES

Revised by JOHN D. KIRBY, MB, FRCP

viii+432 pages

244 illustrations

Limp £10.00 net  
Cased £16.00 net

---

2nd Edition

## 1001 MULTIPLE CHOICE QUESTIONS AND ANSWERS IN SURGERY

Based on Bailey & Love's Short Practice of Surgery

By A. J. HARDING RAINS, MS, FRCS

viii+210 pages

£6.00 net

---

**H. K. LEWIS & CO. LTD.**  
136 Gower Street, London WC1

**New Books for Spring from John Wright****Immunocytochemistry 2nd Edition**

Edited by **Julia M Polak** DSc MD MRCPPath, Professor Endocrine Pathology, and **Susan Van Noorden** MA, Senior Scientific Officer, Histochemistry Unit, Royal Postgraduate Medical School, London.

A comprehensive account of recent progress made in this rapidly expanding discipline which provides a complete guide for laboratory use.

May 1986 234 x 156mm 736 pages colour & b/w illus hardback  
ISBN 0 7236 0870 9 UK net price £65.00

**Clinical Immunology of the Liver and Gastrointestinal Tract**

Edited by **D R Triger** MA BM BCH DPhil FRCP, Reader in Medicine and Honorary Consultant Physician, Royal Hallamshire Hospital, Sheffield.

Provides clinicians with a review of current knowledge and recent developments in these fields.

March 1986 234 x 156mm 252 pages illus hardback  
ISBN 0 7236 0782 6 UK net price £29.50

**Handbook of Endocrine Tests in Children**

**I A Hughes** MD FRCP MB BCH FRCP(Can), Reader in Paediatric Endocrinology, Senior Lecturer in Child Health and Honorary Consultant Paediatrician, University of Wales College of Medicine, Cardiff.

A unique guide to the appropriate tests to be carried out in children with suspected endocrine disorders, together with instructions for the performance and evaluation of such tests.

March 1986 216 x 138mm 168 pages illus paperback  
ISBN 0 7236 0719 2 UK net price £9.95

**Plus new editions of outstanding surgical texts . . .****Hamilton Bailey's Emergency Surgery 11th Edition**

Edited by **Hugh A F Dudley**, ChM FRCS(Ed) FRACS FRCS(Eng), Professor of Surgery and Director of Surgical Unit, St Mary's Hospital, London.

With contributions from a team of recognized experts.

Sound, clear and fully illustrated guidance on all aspects of emergency treatment.

March 1986 272 x 210mm 740 pages fully illus in colour & b/w hardback  
ISBN 0 7236 0799 0 UK net price £60.00

**Hamilton Bailey's Demonstrations of Physical Signs in Clinical Surgery 17th Edition**

Edited by **Allan Clain** MB(Cape) FRCS(Eng), Consultant Surgeon and Surgical Tutor, Dudley Road Hospital, Birmingham, Senior Clinical Lecturer, Medical School, Birmingham.

Based on the premise that there can be no substitute for detailed appraisal of the history of clinical signs.

May 1986 234 x 156mm c640 pages illus paperback  
ISBN 0 7236 0827 X UK net price £17.50  
ELBS edition in preparation ISBN 0 7236 0896 2 £7.00

**Self Assessment Questions and Answers on Clinical Surgery 2nd Edition Allan Clain**

An invaluable aid to revision based on the 17th edition of *Hamilton Bailey's Demonstrations of Physical Signs in Clinical Surgery*.

May 1986 c240 pages ISBN 0 7236 0828 8 UK net price £5.50

**Lee McGregor's Synopsis of Surgical Anatomy 12th Edition**

Edited by **G A G Decker** MB ChB FRCS(Eng), Principal Surgeon and Senior Lecturer, **J G Strijdom** Hospital and University of the Witwatersrand, Johannesburg assisted by **D J Du Plessis** ChM FRCS FACS FCS(SA) LLD, formerly Head, Department of Surgery and Vice-Chancellor, University of the Witwatersrand.

An extensive revision of this practical presentation of anatomical facts for the senior student and medical practitioner.

February 1986 186 x 123mm 644 pages illus paperback  
ISBN 0 7236 0801 6 UK net price £12.50

Order from your bookseller or in case of difficulty from the Publisher:

**TECHNO HOUSE  
REDCLIFFE WAY  
BRISTOL BS1 6NX, UK**

**WRIGHT**

# MUSIC AND MEDICINE

**Desmond O'Shaughnessy**  
MB, BS, BSC (MELB), FRCS (EDIN), FRACS

This privately printed book is now available to readers of the BMJ. Music and Medicine's chapters include: Two Great Hospital Benefactors; Vivaldi and Handel; Beethoven's friendship with Dr Franz Wegeler and notes on his deafness; the efforts of various doctors to treat Chopin's tuberculosis; Hector Berlioz's medical student days in the Paris Anatomy school; the friendship of Brahms and Billroth; Borodin, a pioneer champion of women in medicine; and Albert Schweitzer's Reverence for Life—60 pages with artistic illustrations.

Price £6 plus £1 packing and post or £1.50 overseas

Only available from the Publishing Manager,  
BMA House, Tavistock Square, London WC1H 9JR.  
Payment must be enclosed with your order.

# APPROPRIATE TECHNOLOGY

Many of the difficulties of Third World medicine—the effects of poverty, starvation, overpopulation, and political unrest—are beyond the individual doctor's control; but what the Western trained doctor practising in the developing world can and must do is to adapt his practice to compensate for the absence of sophisticated equipment, trained staff, and expensive drugs. Written by doctors and technicians with first hand experience of the problems, *Appropriate Technology* is a guide to the sensible choice and use of resources.

*The British Medical Journal has subsidised this title to make this information widely available at as low cost as possible.*

Price: Inland £2.50; Abroad £5.00/USA \$8.00  
BMA members (please quote membership number):  
Inland £2.00; Abroad £4.50/USA \$7.00

Despatched by air overseas

Payment must be enclosed with order

**Order your copy now**

From: The Publishing Manager, British Medical Journal,  
BMA House, Tavistock Square, London WC1H 9JR  
or any leading bookseller

## PUBLISHER'S ANNOUNCEMENT

C I B A  
F O U N D A T I O N  
S Y M P O S I A

now published and distributed  
by

J O H N W I L E Y & S O N S

John Wiley & Sons are pleased to announce responsibility for publication and worldwide distribution of the Ciba Foundation Symposia, with effect from Volume 119 onwards.

Backlist titles previously co-published by Pitman Publishing Ltd., and the Medical Education Division / CIBA Pharmaceutical Company, are also available from John Wiley & Sons with effect from March 1986.

A complete catalogue giving details of all volumes, including those forthcoming in 1986, is available from the publisher at the address below.

### World Dollar Price

All volumes are now priced in the UK at £27.50, and elsewhere at US\$47.50

### Special Offer

Back list volumes 80 - 101 are currently offered at up to 25% discount. Full details and order form are provided in the catalogue - send for your copy today!

### A Checklist of 1986 Volumes

**Biochemistry of macrophages**

Ciba Foundation Symposium 118,  
January 1986

**Synthetic peptides as antigens**

Ciba Foundation Symposium 119,  
March 1986

**Papillomaviruses**

Ciba Foundation Symposium 120,  
April 1986

**Silicon biochemistry**

Ciba Foundation Symposium 121,  
July 1986

**Calcium and the cell**

Ciba Foundation Symposium 122,  
July 1986

**Antidepressants and receptor function**

Ciba Foundation Symposium 123,  
August 1986

**Functions of the proteoglycans**

Ciba Foundation Symposium 124,  
September 1986

**Junctional complexes of epithelial cells**

Ciba Foundation Symposium 125,  
October 1986

**Selective neuronal death**

Ciba Foundation Symposium 126,  
December 1986

Write to the most convenient address below:

**Joanna Long, John Wiley & Sons Ltd.** Baffins Lane, Chichester, Sussex, England, PO19 1UD

**Julie Harrington, John Wiley & Sons Inc.** 605 Third Avenue, New York, NY 10158, USA

**RESUSCITATION****CARE OF THE CRITICALLY ILL****Second Edition**

D.K. BROOKS

This thoroughly revised and updated edition of *Resuscitation* takes into account the changes and advances which have been made in the investigation and treatment of the seriously ill and the important developments which have occurred, particularly in the field of therapeutics. An understanding of physiological and patho-physiological processes is never of greater importance than in resuscitation. This book covers the numerous problems relating to the seriously ill patient, including the salient changes in biochemistry and maintenance of physiological homeostasis, as well as methods of investigation and treatment. Where appropriate the scientific rationale for management and treatment is reviewed. There are many clear clinical case histories, the results of these are presented in illustrations and tables, and there is an extensive bibliography.

PUBLICATION MAY 1986  
464 pages boards ISBN 0 7131 4324 X  
£72.50 net

**PRACTICAL PAEDIATRIC PROBLEMS****Sixth Edition**

J.H. HUTCHISON and F. COCKBURN

This reasonably sized book supplies an up to date account of modern clinical practice in paediatrics, including the most recent diagnostic techniques and references to the relevant medical literature. The chapters dealing with the most actively growing areas, namely neonatology, oncology and marrow transplantation, genetic disorders and endocrinology have been extensively rewritten to include the most recent information in that particular field.

PUBLICATION MARCH 1986  
752 pages paper ISBN 0 85324 203 8  
£17.50 net

**A MANUAL OF NEONATAL INTENSIVE CARE****Second Edition**

N.R.C. ROBERTON

Neonatology has shown rapid advances since the publication of the first edition and the text has therefore been thoroughly revised. The second edition provides the busy doctor or nurse with precise instructions on how to diagnose and manage all the common neonatal problems likely to be encountered in a neonatal intensive care unit. '...this volume should be readily available in all special-care and intensive-care baby units and preferably carried by all those who regularly treat neonates'.  
*Lancet* (of the first edition)

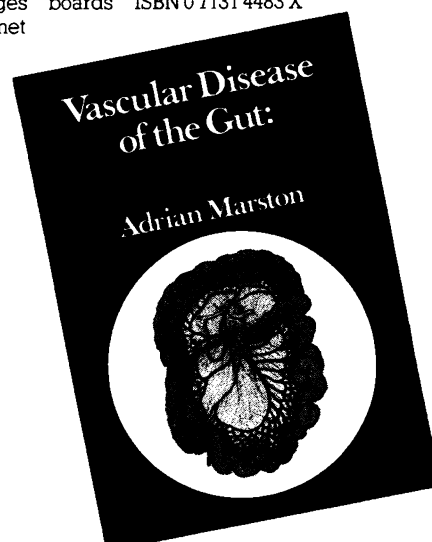
PUBLICATION MARCH 1986  
384 pages paper ISBN 0 7131 4484 X  
£10.95 net

**VASCULAR DISEASE OF THE GUT****PATHOPHYSIOLOGY, RECOGNITION AND MANAGEMENT**

A. MARSTON

Since *Intestinal Ischaemia* was published in 1977, the subject has expanded to the extent that a wider authorship is now required to include areas not covered in the original edition. The title has been changed to reflect what is essentially a new book, the only one in the subject which encompasses knowledge from all the medical fields which come into contact with vascular disease of the gut. Specialist contributors have provided chapters on the regulation and distribution of intestinal blood flow, the diagnosis and management of acute intestinal ischaemia, tests of viability, pseudomembranous colitis and infantile bowel necrosis. With many new illustrations and references to support the expanded text, this new book is intended not only for surgeons, but for gastro-enterologists, pathologists and research workers.

PUBLICATION MARCH 1986  
208 pages boards ISBN 0 7131 4483 X  
£42.50 net

**NEONATAL ANAESTHESIA AND PERIOPERATIVE CARE****Second Edition**

D.J. HATCH and E. SUMNER

Intended to keep all those involved in neonatal care well informed on medical and surgical problems of the neonate, this clearly and concisely written text provides comprehensive coverage of the physiology and anatomy of the neonate together with practical details of assessment, diagnosis and management of individual clinical conditions. Extensively revised and updated since the last edition, the information provided is supplemented by charts, X-rays, clear line drawings and references.

PUBLICATION MARCH 1986  
288 pages boards ISBN 0 7131 4494 7  
£33.00 net

**Edward Arnold**

41 Bedford Square, London, WC1B 3DQ

# JOURNAL OF MANAGEMENT IN MEDICINE

**The essential quarterly for all those involved in the  
management and administration of medical facilities**

The management of health care facilities is emerging as a discipline in its own right. As medical expertise increases, bringing with it the expansion of available options for action, so will the demand for high quality management. Where there is no choice, no decision-making process is necessary. With increasing choice, there will be debate and, inevitably, conflicting opinions on the courses of action which should be adopted. Such consideration and decision making is the essence of management.

Resources will always be finite, but the range of expertise, technology and equipment from which an individual establishment may select will continue to increase, while the demand for a high degree of competence in such selection is growing. Using resources effectively and efficiently is the province of the manager. The field is vast, ranging from the measurement of patient and staff satisfaction through career structuring, laboratory management, control of waiting times, the structure of union representation and negotiation, to the most appropriate form of budgeting and financial reporting. It covers the management of operating theatre facilities, the development and design of hospital and health centres, and the organisation of community care.

**The JOURNAL OF MANAGEMENT IN MEDICINE is the medium for the publication of original papers on all such topics and on all other aspects of health service management. The journal is destined to become the leading publication in the field and the natural home for contributions leading to advances in this rapidly developing subject. To register a subscription, simply complete and return the order form at the bottom of the page.**

## CONTENTS

Listed below are some of the papers which are scheduled for inclusion in the first two issues of the journal.

- |  |  |
|--|--|
| * Measuring the effect of training courses on the participants                             | * Management teams: have they a role now?                          |
| * Diagnostically related groups in hospital management                                     | * Introducing quality control techniques to surgery practice       |
| * Creating hospital environments that promote health                                       | * Preventing stress and promoting health for medical managers      |
| * Administration of outpatient records   | * Reducing demand for institutionalised care in a hospital setting |
| * Selection of locations for private hospitals   | * The measurement of need as related to high-cost equipment        |
| * Development and adaptation of a hospital cost and budgeting model for cross national use |  |

TO: THE SUBSCRIPTIONS DEPARTMENT, HENRY STEWART PUBLICATIONS, 88 BAKER STREET, LONDON W1M 1DL, UK (TEL: 01-935 2382)

Please record.....annual subscriptions (four issues) to **Management in Medicine**  
@ £45.00 per annum.

Our cheque/Sterling draft for £....., made payable to Henry Stewart Publications, is enclosed.

Name of Subscriber .....

Company/Organisation .....

Address.....

.....

.....Telephone.....

Signature.....Date.....

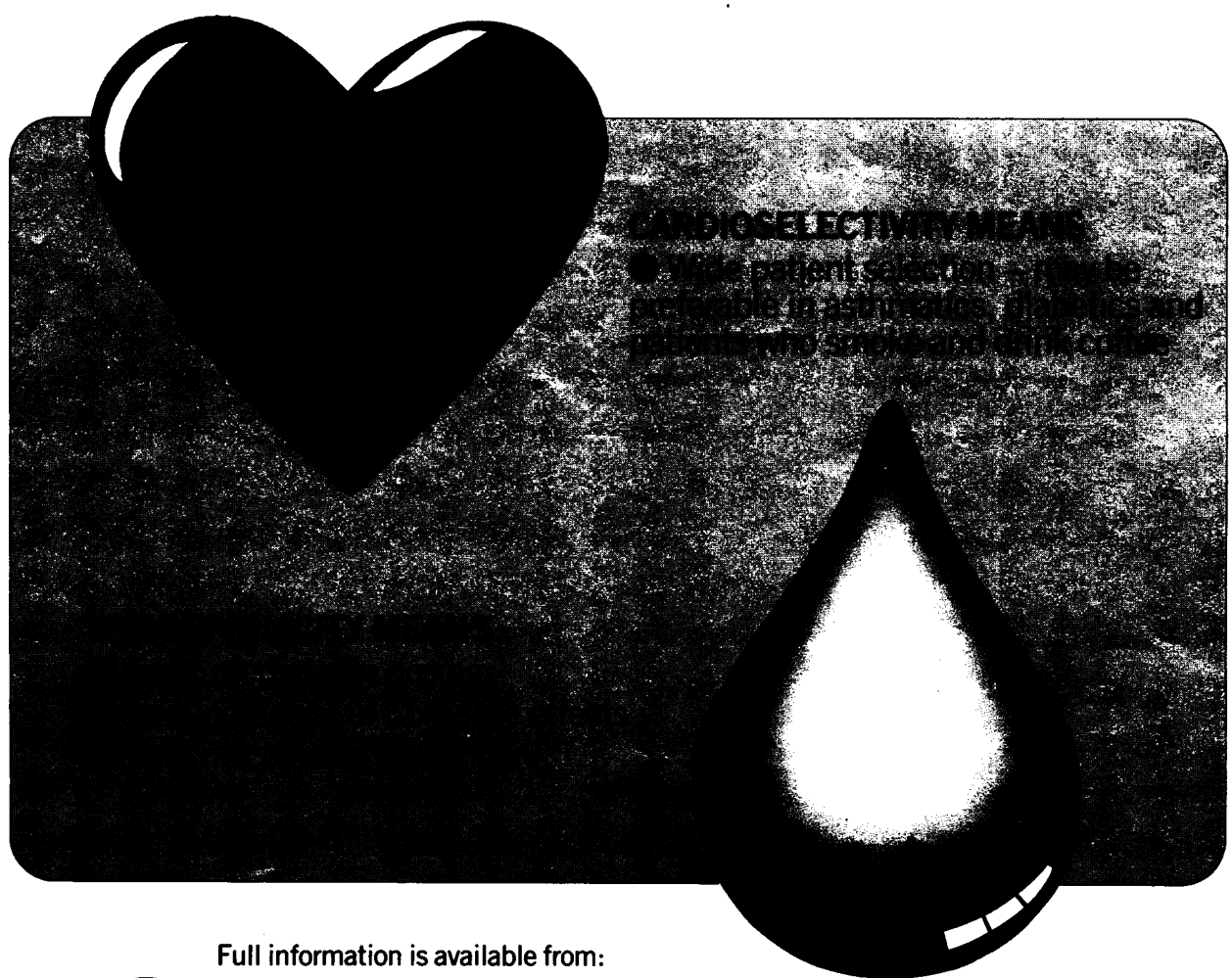


one tablet a day

# Tenormin

atenolol

the most cardioselective,  
hydrophilic beta-blocker available



**CARDIOSELECTIVITY MEANS**

• Wide patient selection — can be  
prescribed in asthma, diabetes and  
patients who are on oral contraceptives



Full information is available from:  
Imperial Chemical Industries PLC  
Pharmaceuticals Division  
Alderley Park, Macclesfield  
Cheshire, England

*'Tenormin' is a trade mark for atenolol.*

**Prescribing notes** **Contraindications:** Heart block. Co-administration with verapamil. **Precautions:** Untreated cardiac failure, bradycardia, renal failure, anaesthesia and pregnancy. Withdrawal of clonidine. **Side effects:** Coldness of extremities and muscular fatigue may occur. Sleep disturbance rarely seen. Rashes and dry eyes have been reported with beta-blockers — consider discontinuance if they occur. Withdrawal of beta-blocker should be gradual.