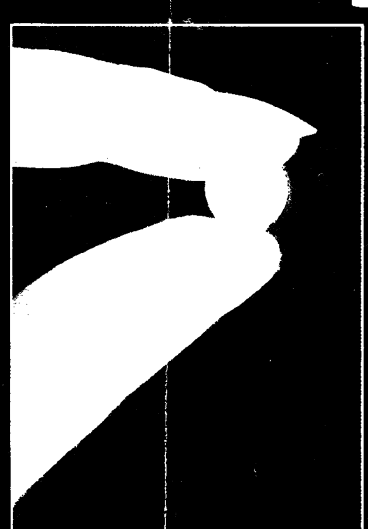
Nizoral

TRADEMARK

(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_2-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.

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If you needed an H_2 antagonist... which would you prefer to take?

Zantac
RANITIDINE

PRESCRIBING INFORMATION: DOSAGE AND ADMINISTRATION: THE USUAL ADULT DOSE IS ONE 150MG TABLET TWICE DAILY OR A SINGLE DOSE OF 300MG AT NIGHT TIME FOR DUODENAL ULCER. IT IS NOT NECESSARY TO TIME THE DOSE IN RELATION TO MEALS. ZANTAC DISPERSIBLE TABLETS SHOULD BE PLACED IN HALF A GLASS OF WATER (MINIMUM 75ML) AND STIRRED UNTIL DISPERSED BEFORE SWALLOWING. IN MOST CASES OF DUODENAL ULCER AND BENIGN GASTRIC ULCER, HEALING WILL OCCUR IN FOUR WEEKS. PATIENTS WITH A HISTORY OF RECURRENT ULCER MAY HAVE AN EXTENDED COURSE OF ONE 150MG TABLET DAILY AT BEDTIME. FOR REFLUX OESOPHAGITIS THE RECOMMENDED COURSE FOR ADULTS IS ONE 150MG TABLET TWICE DAILY FOR UP TO EIGHT WEEKS. **SIDE EFFECTS:** HEADACHES, DIZZINESS AND SKIN RASHES HAVE BEEN REPORTED. ANAPHYLACTOID REACTIONS HAVE BEEN SEEN RARELY. **PRECAUTIONS:** WHERE GASTRIC ULCER IS SUSPECTED, THE POSSIBILITY OF MALIGNANCY SHOULD BE EXCLUDED BEFORE THERAPY IS INSTITUTED. PATIENTS RECEIVING PROLONGED TREATMENT SHOULD BE EXAMINED PERIODICALLY. DOSAGE SHOULD BE REDUCED IN THE PRESENCE OF SEVERE RENAL IMPAIRMENT (SEE DATA SHEET). AS WITH ALL DRUGS, ZANTAC SHOULD BE USED DURING PREGNANCY AND NURSING ONLY IF STRICTLY NECESSARY. **CONTRA-INDICATIONS:** RANITIDINE IS CONTRAINDICATED FOR PATIENTS KNOWN TO HAVE HYPERSENSITIVITY TO THE DRUG. **BASIC NHS COST** (EXCLUSIVE OF VAT): 60 X 150MG TABLETS £27·43, 30 X 300MG TABLETS £27·43, 60 X 150MG DISPERSIBLE TABLETS £28·80. **PRODUCT LICENCE NUMBERS:** 0004/0279 (150MG), 0004/0302 (300MG), 0004/0298 (DISPERSIBLE).
ZANTAC IS A GLAXO TRADE MARK.
FURTHER INFORMATION IS AVAILABLE ON REQUEST FROM: GLAXO LABORATORIES LIMITED, GREENFORD, MIDDLESEX UB6 0HE.

Glaxo 1985

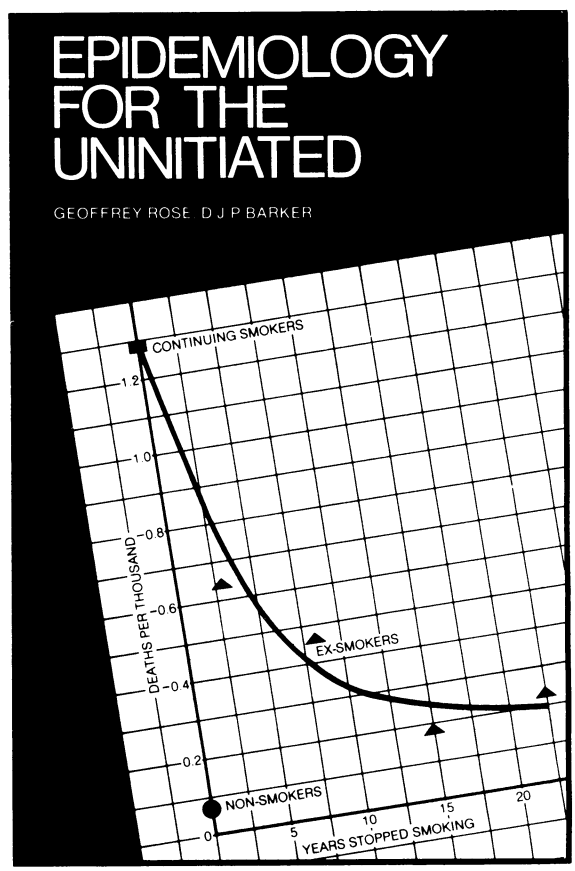
PUBLISHED 11 FEBRUARY 1986

EPIDEMIOLOGY FOR THE UNINITIATED

GEOFFREY ROSE, D J P BARKER SECOND EDITION

Get a working knowledge of epidemiology

No one would expect to understand a disease without knowledge of its clinical findings and pathology, but a surprising number of doctors remain ignorant of another important aspect – the study of disease in relation to populations. Epidemiology has its own techniques of data collection and interpretation and its necessary jargon of technical terms, and in *Epidemiology for the Uninitiated* Professors Geoffrey Rose and David Barker guide the novice expertly through the theory and practical pitfalls. The second edition of this popular *BMJ* handbook has been revised to include further details of epidemiological methods and some of their more dramatic applications, such as the investigations on the Spanish cooking oil epidemic, and AIDS.



Price: Inland £3.95; Abroad £5.50;
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BMA members; Inland £3.45; Abroad £5.00;
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Payment must be enclosed with order.

Reviews of the first edition

". . . all physicians [should] ensure that their hospital library has this book, and that they themselves read it."
Med J Aust 1981; **1**: 665

"A reading of this book . . . should provide a sound basis in epidemiological techniques for any intending researcher."
NZ Med J 1980; **91**: 73

BOOKS FROM THE BMJ

Order from The Publishing Manager, British Medical Journal, BMA House, Tavistock Square, London WC1H 9JR *or any leading bookseller*

The British Council International Medical Courses

PSYCHOGERIATRICS: THE CLINICAL AND ORGANISATIONAL PSYCHIATRY OF THE ELDERLY

13-25 July 1986 in Nottingham/Oxford

The course aims to review current practice in the clinical psychiatry of old age; recent clinical, laboratory and sociological developments, measurement of need, organisation of services and their evaluation.
The course will be directed by **Professor T H D Arie** who is head of the Nottingham University Department of Health Care of the Elderly.
Emphasis throughout will be both on current practice and on research.
The course is designed primarily for psychiatrists, but doctors and members of other health professions with the requisite background would be welcome.
Fee: £775 Residential only.

ANAEROBIC INFECTIONS: CLINICAL AND LABORATORY ASPECTS. AN INTERNATIONAL SEMINAR

31 August-6 September 1986 in London

This seminar aims to provide participants experienced in anaerobic bacteriology with the opportunity to discuss current clinical problems and newer laboratory techniques.
Oral and dental infections, infections of the central nervous system, cardio-vascular infections, anaerobic pleuropulmonary infections, abdominal infections, gastrointestinal infections, infections of the genital tract, therapy, prophylaxis, anaerobes in veterinary medicine.
The seminar will be jointly directed by **Professor A M Geddes** of the Department of Communical and Tropical Disease at East Birmingham Hospital and **Dr Soad Tabaqchali,** Reader in Medical Microbiology at St Bartholomew's Hospital Medical College, University of London.
Fee: £585 Residential.

GROWING POINTS IN ENDOCRINOLOGY AND DIABETES

12-24 October 1986 in Newcastle Upon Tyne/ Edinburgh

The aim is to review important recent advances and current concepts in these major fields, with lectures, discussion groups and demonstrations for participants. There will be ample time devoted to discussion of the main topics and opportunity for members to present their own work and views at selected sessions.
The Directors of Studies will be **Professor Ivan D A Johnston**, University Department of Surgery, **Professor K G M M Alberti**, University Department of Medicine, University of Newcastle upon Tyne and **Professor C R W Edwards**, Professor of Clinical Medicine, University of Edinburgh.
The major topics under review will be:
Type I Diabetes: diagnosis, classification and prevention.
Chronic complications of diabetes: pathophysiology, management, implantable pumps, pancreatic transplantation.
Endocrine Pathology: recent advances in diagnosis and management.
Parathyroid disorder
Reproductive endocrinology
Endocrine function in psychiatric disease
Hormones and obesity
Thyroid disease: immunological aspects.
Pituitary and Adrenal Disorders: treatment and management.
The seminar is intended for doctors and surgeons at consultant or senior registrar level and scientists of equivalent standing.
Fee: £775 Residential.
Applicants are advised to apply before the end of June 1986.

SEXUALLY TRANSMITTED DISEASES

26-31 October 1986 in London

The aim of this course is to examine in depth a series of topics of importance in clinical practice and to review recent advances in diagnostic techniques and anti-viral therapy in the management of sexually transmitted disease.
The joint Directors of Studies will be **Professor M W Adler and Dr A Mindel** of the Academic Department of Genito Urinary Medicine, The Middlesex Hospital Medical School, University of London.
The course is designed for specialists in genito urinary medicine, dermatovenereology, infectious and communicable diseases. Applicants should be of consultant standing or senior scientists.
Fee: £550 Residential.

EXPANDING HORIZONS OF DIAGNOSTIC ULTRASOUND

9-21 November 1986 in London

This course is designed to explore recent developments in the clinical applications of diagnostic ultrasound. The potential and limitations of the technique will be illustrated and the relationship of ultrasound to other diagnostic imaging methods will be discussed.
The course will be jointly directed by **Dr H B Meire,** Consultant Radiologist at King's College Hospital, London and **Dr P N T Wells,** Chief Physicist at Bristol General Hospital.
Applicants should be of consultant or senior registrar status or should be senior paramedical personnel. Applicants should preferably have one or two years' experience of applied clinical ultrasound.
Fee:£895 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.

The British Council

one tablet a day
Tenormin
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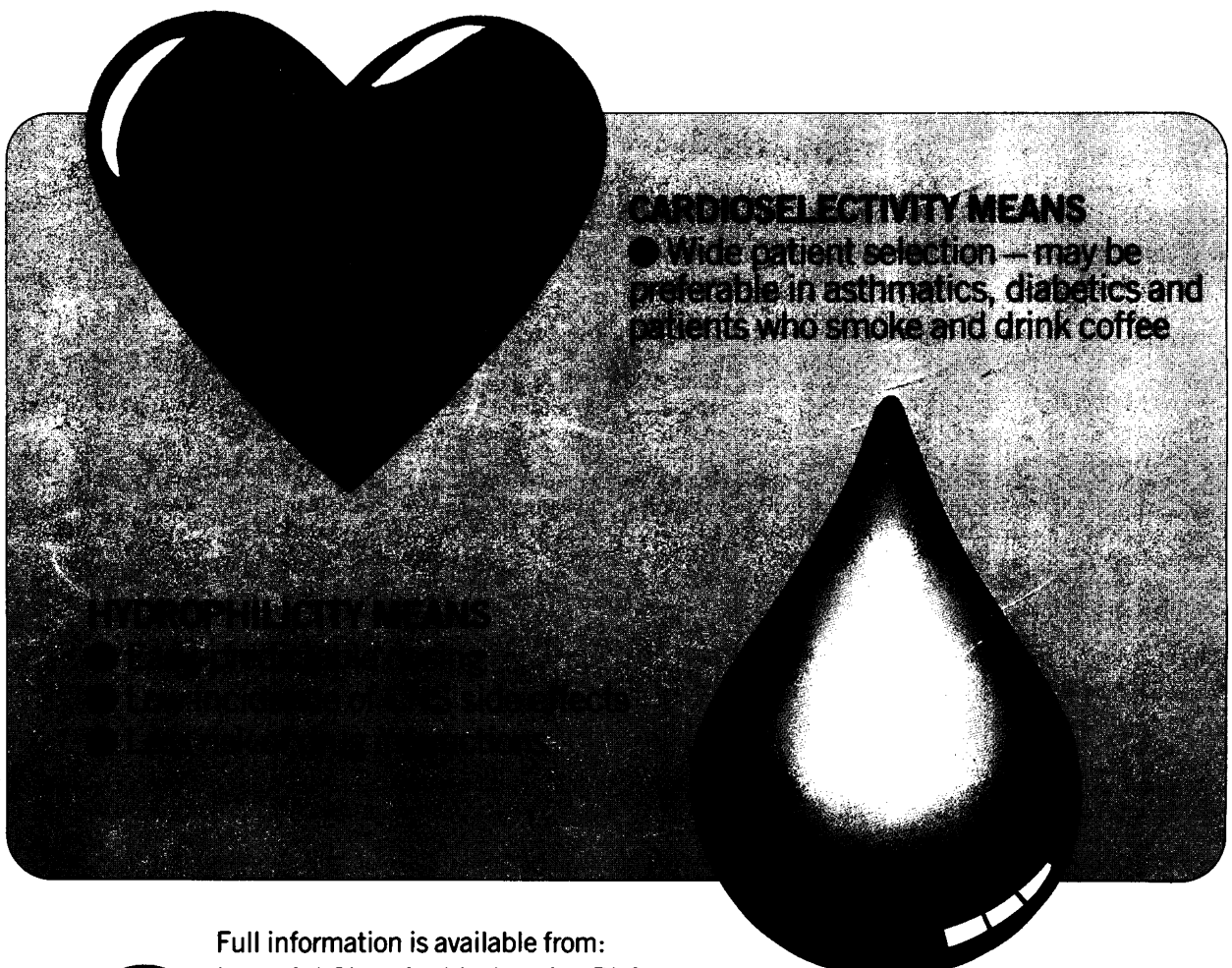
the most cardioselective, hydrophilic beta-blocker available



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.