

200,000 WONDROUS SPECIES

T. rubrum



In the world of bacteria and bacterial infections clinicians feel quite at home. Strangely, this is not usually the case in the world of fungi and fungal infections. With its 200,000 species it seems like a complex domain.

Yet only some 100 of them are pathogenic to man. And clinically they can be classified in three main fields:

C. albicans

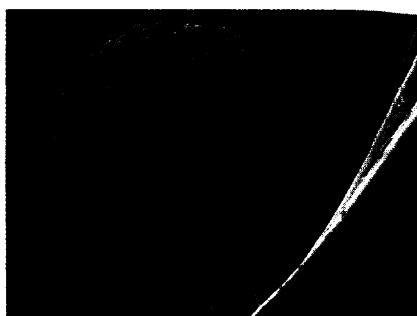


I. THE "KERATINOUS" MYCOSES: prototypes are the tinea infections whose battlefield is the keratinous skin and the nails, and whose causative agents belong to the dermatophytes;

II. THE "MOISTENING" MYCOSES: prototypes are vaginal candidosis and oral thrush. These can only develop in moist environments and are invariably caused by yeasts;

III. THE "SYSTEMIC" MYCOSES: these develop in the internal organs when the general or regional immunity is defective; although predominantly caused by yeasts, "modern" pathology increasingly encounters rather more specific fungi... *Aspergillus* — not a yeast but a fungus all on its own — is the dominant example.

*Aspergillus
niger*



Thus a complex world looks a lot simpler. Which can likewise be said of modern antifungal therapy:

Sporanox^{*}

itraconazole

SHORT AND SIMPLE ORAL THERAPY

standard dose in dermatology: 1 capsule (100 mg) once daily for 15 days
standard dose in gynaecology: 2 x 2 capsules (400 mg) for 1 day only

^{*} Trademarks: SPORANOX, SEMPERA, SISTIZOL, TRISPORAL.

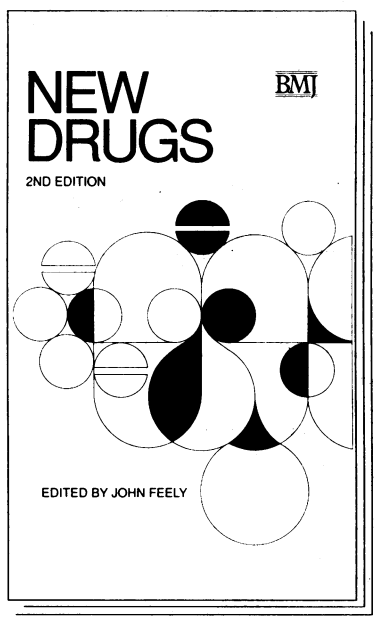
JANSSEN
PHARMACEUTICA
2340 Beerse, Belgium
the drug discovery company

Properties: Sporanox (itraconazole), a triazole derivative, is orally active against infections with dermatophytes (*Trichophyton* spp., *Microsporum* spp., *Epidermophyton floccosum*), yeasts (*Candida* spp., *Pityrosporum* spp.), *Aspergillus* spp. and various other yeasts and fungi. **Indications:** Sporanox (itraconazole) is indicated for vulvovaginal candidosis, pityriasis versicolor, dermatophytoses, fungal keratitis and oral candidosis. **Dosage and administration:** Vulvovaginal candidosis: 2 capsules (200 mg) morning and evening for 1 day,

Pityriasis versicolor: 2 capsules (200 mg) once daily for 7 days. - Tinea corporis, tinea cruris, tinea pedis, tinea manus: 1 capsule (100 mg) daily for 15 days; highly keratinized regions, as in plantar tinea pedis and palmar tinea manus, require 1 capsule (100 mg) daily for 30 days. - Oral candidosis: 1 capsule (100 mg) daily for 15 days. - Fungal keratitis: 2 capsules (200 mg) once daily for 21 days. **Contra-indications:** Sporanox (itraconazole) is contra indicated during pregnancy. **Warnings and precautions:** Although clinically

Sporanox (itraconazole) has not been tested in patients with hepatic dysfunction. It is advised not to give Sporanox to patients with a known history of liver disease. **Mothers:** It is recommended not to breast-feed infants while taking Sporanox (itraconazole). **Children:** Sporanox (itraconazole) should not be given to children under 12 years of age. **Interactions:** Sporanox (itraconazole) should be taken with food.

What's best for patients?

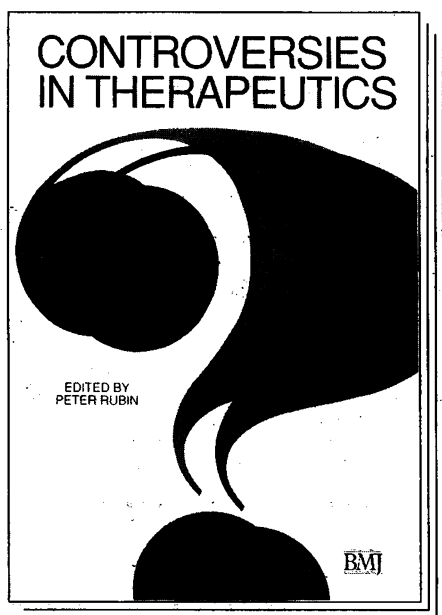


New drugs are continually being developed and knowledge about existing drugs is constantly expanding, so it is essential, but difficult, for doctors to keep up to date with the latest developments. *New Drugs* describes the most important therapeutic advances of the past decade and discusses the drugs that will be in common use in the 1990s. Completely revised and updated, this second edition has been expanded to include 11 additional chapters. Its coverage of practical aspects of drug use, avoidance of adverse reactions and interactions, and prescribing at extremes of age makes it an invaluable guide for busy practitioners who want to get the best out of the new drugs currently available.

Chapters include: Adverse reactions to drugs • Calcium antagonists • Diuretic treatment • Antiarrhythmic drugs • Insulin • Lipid lowering drugs • Antidepressant drugs • Centrally acting drugs • Controlling symptoms in advanced cancer

Second edition April 1991

UK £14.95; Abroad £18.00 (BMA members £13.95 or £17.00)



Doctors do not always agree on what is the right treatment even for quite common conditions. Often definitive clinical trials have not been performed and no one knows for sure the best way to treat. *Controversies in Therapeutics* looks at some problems that arise in general practice. For each one it offers two different approaches; and Peter Rubin, professor of therapeutics and consultant physician at the University Hospital of Nottingham, provides an editorial comment on these which summarises the prevailing views and helps you to make up your own mind. Written by academic experts with everyday clinical experience, *Controversies in Therapeutics* is a must for all physicians and general practitioners—both those who think they know it all and those who know they don't.

Chapters include: Role of diet in treating atopic eczema • Risks of dependence on benzodiazepine drugs • Thrombolysis and the general practitioner • Depression in childhood • Theophylline in the management of airflow obstruction • Management of constipation

January 1991

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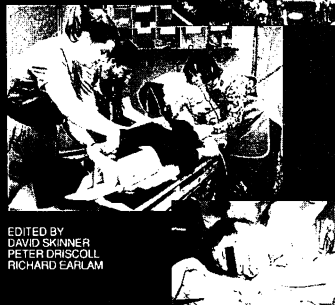
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EDITED BY
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Suddenly it happens: can you cope?

Injury is an enormous problem in Western society. It is the commonest cause of death among those aged under 35, and about 100 people die each week in road traffic accidents in Britain. Hospital staff have to manage about 500,000 patients with injury who are admitted each year, often with multiple injuries requiring urgent treatment.

The *ABC of Major Trauma* is a comprehensive guide to the early management of the multiply injured patient. All immediately life threatening problems are dealt with, the chapters being written by experts in all of the relevant specialties and by doctors who have day to day experience of treating patients with major injuries in the accident and emergency department. Also covered are the handling of accident victims and their transport to hospital and how to deal with major accidents. Practical guidance is clear and dogmatic to avoid delay in urgent treatment and is relevant to all medical, paramedical, and nursing staff who are concerned with the management of patients from the moment of injury to eventual discharge.

March 1991

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The second edition of the *ABC of Resuscitation* incorporates the latest standards and guidelines for cardiopulmonary resuscitation issued by the Resuscitation Council (UK) in 1989. The are three new chapters—one on trauma, one on resuscitation in late pregnancy, and one on avoiding HIV infection—and throughout, recommendations have been updated where necessary and other revisions have been made in view of current theory and practice. Written by members of the Resuscitation Council (UK) and other invited experts, the new edition of *ABC of Resuscitation* offers the most up to date information and advice on this vital aspect of health care.

Review of the first edition

"This book represents a major achievement on the part of the Resuscitation Council and the *British Medical Journal* and must be essential reading for every practising doctor, and especially those in the 'front-line' of pre-hospital care." *BASICS, Journal of the Association for Immediate Care*

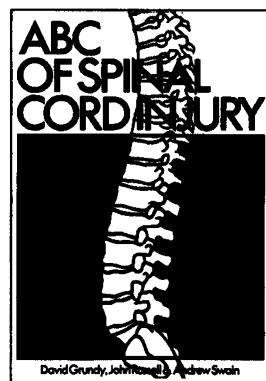
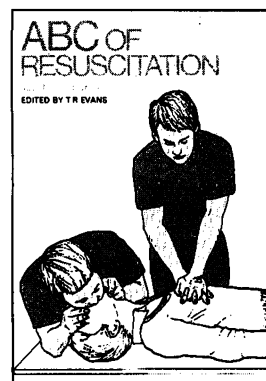
Second edition 1990

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In spinal cord injury correct management from the outset is vital to prevent further damage. But what is the correct management? The *ABC of Spinal Cord Injury* sets it out step by step: how the injured patient should be moved from the scene of the accident; the assessment of his injuries; transfer to a spinal treatment centre; immediate medical problems and later complications; and the specialised nursing, physiotherapy, and occupational therapy that are essential in helping the patient and his family adjust to what may be a lifetime of disability. A valuable introduction to a topic that non-specialists need to know more about.

Third impression 1990

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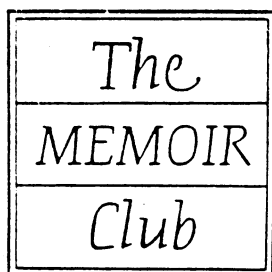
by Sir Reginald Murley



When Sir Reginald Murley became president of the Royal College of Surgeons in July 1977 he was described in the *Daily Telegraph* as a "redoubtable standard bearer" and as "one of the dwindling number of old style 'surgical characters'." In *Surgical Roots and Branches* he gives a lively account of the development of this character, from boyhood and student days at Barts to the six and a half years he spent in the "university of life"—as a medical officer in maxillofacial units in the second world war.

Sir Reginald has also been described as a "firebrand" with "political muscle." Not afraid to say what he thinks or to act on his beliefs, he has successfully fought many battles with the authorities over such issues as delay and inefficiency in

implementing hospital building programmes. He describes these campaigns not only in detail but with gusto, and throughout the book, whether recalling people, places, politics, or surgical practice, he keeps the promise that he makes in his introduction: to provide a narrative that is "as entertaining and informative as possible—not forgetting a little homespun philosophy."



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Calculate with confidence

CIA software

Confidence Interval Analysis (CIA) is a computer program that takes the sweat out of calculating confidence intervals. Devised by Martin Gardner, professor of medical statistics, MRC Environmental Epidemiology Unit, University of Southampton. The program is menu driven with easy access to each chapter and to the method required within each chapter. Topics covered include calculating confidence intervals for:

- means and their differences
- proportions and their differences
- regression and correlation
- non-parametric analyses

For each method relevant intermediate statistics and the required confidence interval are produced on the screen. Complete with its own manual, the program may also be used in conjunction with the book *Statistics with Confidence*, which provides numerous worked examples. The software is available for IBM compatibles on either a 5¼" or a 3½" disk.

Price: £65.00. Educational establishments, research institutes, and the NHS — £45.95. Prices include VAT in the UK and air mail despatch abroad.

The book *Statistics with Confidence – Confidence intervals and statistical guidelines* is available price £7.95 in the UK and £9.50 abroad (BMA members £7.45 and £9.00, respectively)

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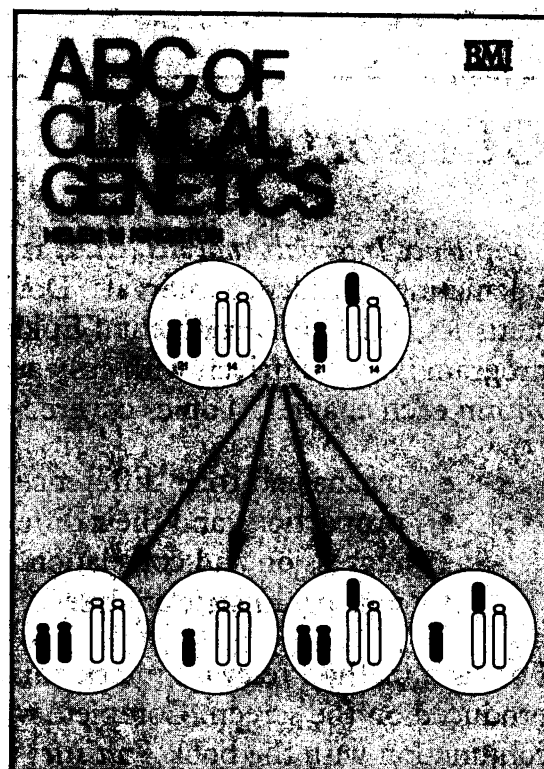
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Genetics is a subject fundamental to medicine, but rapid advances in recent years may make the subject complex and confusing to clinicians and paramedical staff outside the specialty. Nevertheless, the demand for genetic investigation and counselling is increasing, and these services need to be offered by clinicians other than clinical geneticists. In the *ABC of Clinical Genetics* Helen Kingston, consultant clinical geneticist at St. Mary's Hospital, Manchester, reviews basic concepts of inheritance in mendelian, chromosomal, and multifactorial disorders; outlines the investigation and management of genetic conditions; and illustrates the application of recombinant DNA technology to clinical practice. Implications of genetic diseases for relatives are also considered, together with the ethical and human dilemmas that face doctors and patients and their families.



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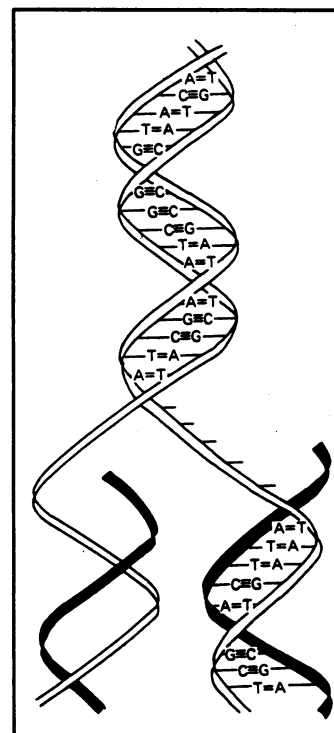
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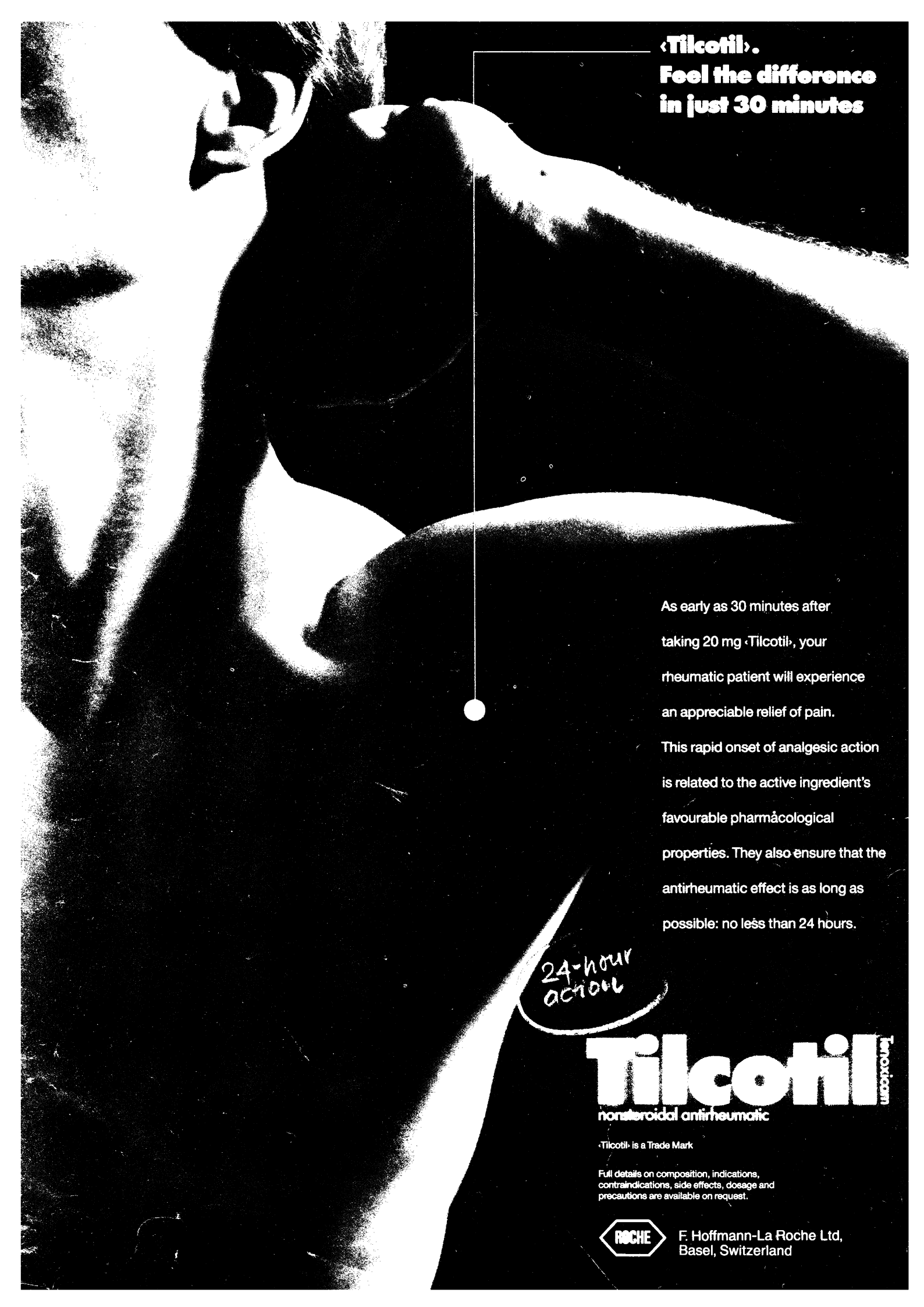
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