

a troublesome problem
in modern gynaecology

"Pill"-vaginitis

oral contraceptives create the ideal environment
for *Candida albicans* to develop

The modern approach:

Nizoral^{TRADEMARK}

ketoconazole

**Just 2 oral tablets daily
with a meal
for 7 days.**

Each tablet contains 200 mg ketoconazole, a broad-spectrum antifungal agent. It is effective against a wide range of fungi, including *Candida albicans*, the most common cause of vaginal yeast infections. Nizoral is also effective against a wide range of systemic mycoses (including dermatomycosis, as well as candidiasis of the skin, hair and nails, yeast infections of the mouth and throat).
Nizoral is the treatment of systemic mycoses and chronic mucocutaneous candidosis and vulvovaginitis 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, 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, 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 normal. In rare instances, gynaecomastia has been reported.

JANSSEN
PHARMACEUTICA
B-2340 Beerse, Belgium



Heceta lighthouse, Oregon, USA

Prescribing Information

Presentation Vials containing 500mg, 1g or 2g of cefotaxime sodium. **Indications** Infections before identification of the organism. Infections caused by bacteria of established sensitivity, including chest infections, septicaemia, urinary tract infections, soft tissue infections, obstetric and gynaecological infections, bone and joint infections, meningitis, gonorrhoea. **Dosage** Claforan is administered i.m. or i.v. **Adults:** Usually 2-6g daily (see full prescribing information). For infections caused by sensitive *Pseudomonas* spp., doses of more than 6g daily are usually required. **Children:** 100-150mg/kg/day in 2 to 4 divided doses. Up to 200mg/kg/day may be given in very severe infections. **Neonates:** 50mg/kg body weight daily in 2 to 4 equally divided doses. In cases of severe infection, divided daily doses of 150-200mg/kg have been given. **Dosage in renal impairment** Reduced dosage is only required in severe renal failure (GFR < 5ml/min = serum creatinine approx. 751 µmol/l) when, after an initial loading dose of 1g, the daily dose is halved without change in frequency of dosing. **Contra-indications** Known allergy to cephalosporins. **Precautions** Cephalosporin antibiotics may usually be given safely to patients who

are hypersensitive to penicillins, although cross reactions have been reported. Special care is indicated in patients who have had an anaphylactic response to penicillin. Patients with severe renal dysfunction — see previous. Cephalosporin antibiotics at high dosage should be given with caution to patients receiving aminoglycoside antibiotics or potent diuretics such as frusemide. At recommended doses, enhancement of nephrotoxicity is unlikely with Claforan. A false-positive reaction to glucose may occur with reducing substances. Claforan should not be mixed in the syringe with aminoglycoside antibiotics. The safety of Claforan in human pregnancy has not been established. **Side effects** Adverse reactions are rare and generally mild and transient, but include diarrhoea (pseudomembranous colitis has been rarely reported), candidiasis, rashes, fever, eosinophilia, leukopenia, transient rises in liver transaminase and alkaline phosphatase, transient pain at the site of injection and phlebitis. **Product licence holder and number** Roussel Laboratories Ltd., Broadwater Park, North Orbital Road, Uxbridge, Middlesex UB9 5HP. 0109/0074. **Package quantities and basic N.H.S. price** Vials of 500mg, 1g and 2g in packs of 10. One gram vial £4.95. **Date of preparation** November 1984.

ROUSSEL



35 Boulevard des Invalides,
75007 Paris, Cedex 07, France

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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.

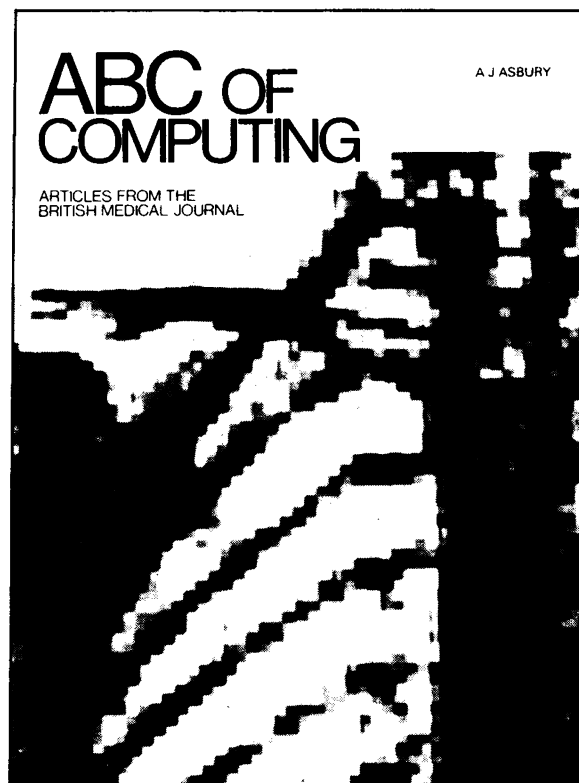
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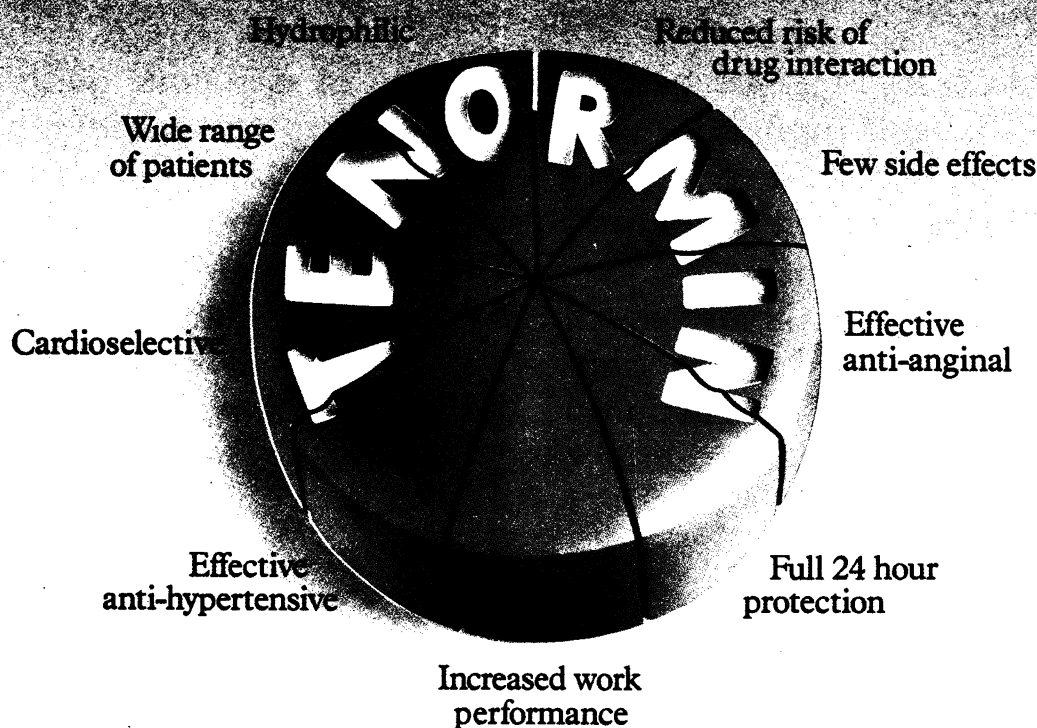
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'Tenormin' Prescribing notes:

Presentation: 'Tenormin' tablets containing atenolol 100mg are round, bi-convex, orange and film coated. **Uses:** Management of hypertension and angina pectoris. **Dosage:** Hypertension: One tablet daily. Angina: 100mg daily in single or divided doses. **Contraindications:** Heart block. Co-administration with verapamil. **Precautions:** Untreated cardiac failure, bradycardia, renal failure, anaesthesia and pregnancy. Clonidine withdrawal. **Side Effects:** Coldness of extremities and muscular fatigue. Sleep disturbance rarely seen. Rashes and dry eyes have been reported with beta blockers—consider discontinuance if they occur. Cessation of therapy with beta blockers should be gradual. **Pack size and Basic NHS cost:** 'Tenormin' 28s £6.98 **Product Licence Number:** 'Tenormin' 0029/0122.

Full prescribing information is available on request to the Company



Stuart Pharmaceuticals Ltd
Carr House, Carrs Road
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'Tenormin' is a trademark

