

**Rapid, two-step
automatic elution**

Safe positive pressure system

Technetium 99m Sterile Generator

**Convenient,
well-shielded eluate
vial container**

**Easy to lift
and handle**

**Reliable performance and
consistently high yields
from our unique
generator column, proved
over many years**

**Effective shielding,
minimizing radiation
dose to the user**

**Reliable service and
supply. Despatched on
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Introducing our second generation generator



The Radiochemical Centre Amersham

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In West Germany: Amersham Buchler GmbH & Co KG, Braunschweig. Tel: 05307-4693-97

Diseases of Connective Tissue

*The Proceedings of a Symposium organized by
The Royal College of Pathologists*

Edited by D. L. Gardner

The cells—Fibroblasts • Chondrocytes • Synoviocytes • The muscle cell • **Extracellular materials**—Collagens • Collagen and elastin fibres • Basement membrane • Proteoglycans of cartilage • **Disease mechanisms**—Diseases of the collagen molecule • Molecular abnormalities of collagen • Lysosomes and the connective-tissue diseases • **Genetic disease**—HLA system and rheumatic disease • Replacement therapy in the mucopolysaccharidoses • Genetic disease and amyloid • **Inflammation and fibrosis**—Rheumatoid arthritis—a virus disease? • Systemic lupus erythematosus—an autoimmune disease? • Hepatic cirrhosis—a collagen formative disease? • Fibrosis of lung—an environmental disease? • **Kettle Memorial Lecture**—Atherosclerosis—disease of old age or infancy? • **Structural and metabolic disease**—New knowledge of connective tissue ageing • New knowledge of osteoarthritis • New knowledge of intervertebral disc disease • New knowledge of the pathogenesis of gout • New knowledge of chondrocalcinosis • **A consensus**—Connective tissue diseases: A consensus

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The Publisher, *Journal of Clinical Pathology*, B.M.A. House, Tavistock Square, London WC1H 9JR

Ambulatory Blood Pressure Recorder

Light, compact one-piece unit weighs only 25 ounces.

The Remler patented Ambulatory Blood Pressure Recorder has been in use for more than ten years by leading physicians and research institutions throughout the world. It is a proven, easy-to-use system that relieves the doctor of the time-consuming traditional auscultatory procedure.

Now, by miniaturizing circuits and components, we have produced a smaller and easier to wear *single-unit* version.

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Remler Company

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DISCOVERY—

In 1929, the pure crystalline digoxin was isolated from *digitalis lanata* by Wellcome research workers.

Digitalis lanata



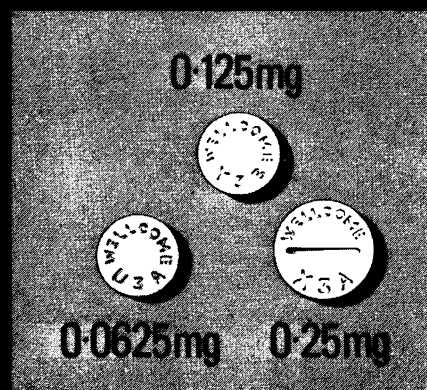
Wellcome production at Dartford, Kent

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Tablet equivalence has been maintained by the highest standards of manufacture.

FLEXIBILITY—

The LANOXIN tablet range (plus the PG Elixir and Injection) offers greater flexibility of dosage.



LANOXIN

TRADE MARK

Wellcome research into practice

Full prescribing information about Lanoxin (digoxin) is available on request.
Wellcome Medical Division, The Wellcome Foundation Ltd., Berkhamsted, Herts



Peptic Ulcer News

"We compared cimetidine with conventional medical treatment. Carbenoxolene was chosen for patients under 60, but because of its potential side effects – namely, hypokalemia, fluid retention and hypertension – older patients were given Caved-(S).

In the patients under 60 cimetidine was slightly more successful in producing ulcer healing than carbenoxolene.

In patients over 60 there was no appreciable difference in gastric ulcer healing rates between the Caved-(S)-treated and cimetidine-treated groups. Caved-(S) used in the dosage employed in this study, however, is only a quarter of the price of cimetidine, and may have fewer side effects."

Morgan AG et al (1978) *BMJ*, 2, 1323-1326

Caved-S contains Deglycyrrhizinated Liquorice., Bism. Subnit., Alum. Hydrox., Mag. Carb., Sod. Bic., Frangula., and is indicated in the treatment of peptic ulcers.

The usual adult dose for the treatment of peptic ulcers is 2 tablets 3 times daily, and for duodenal ulcers this may be increased to 2 tablets 6 times daily. For prophylaxis, half this dose is used, and children should be given half the adult dose.

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Full prescribing information is available to the medical profession on request.

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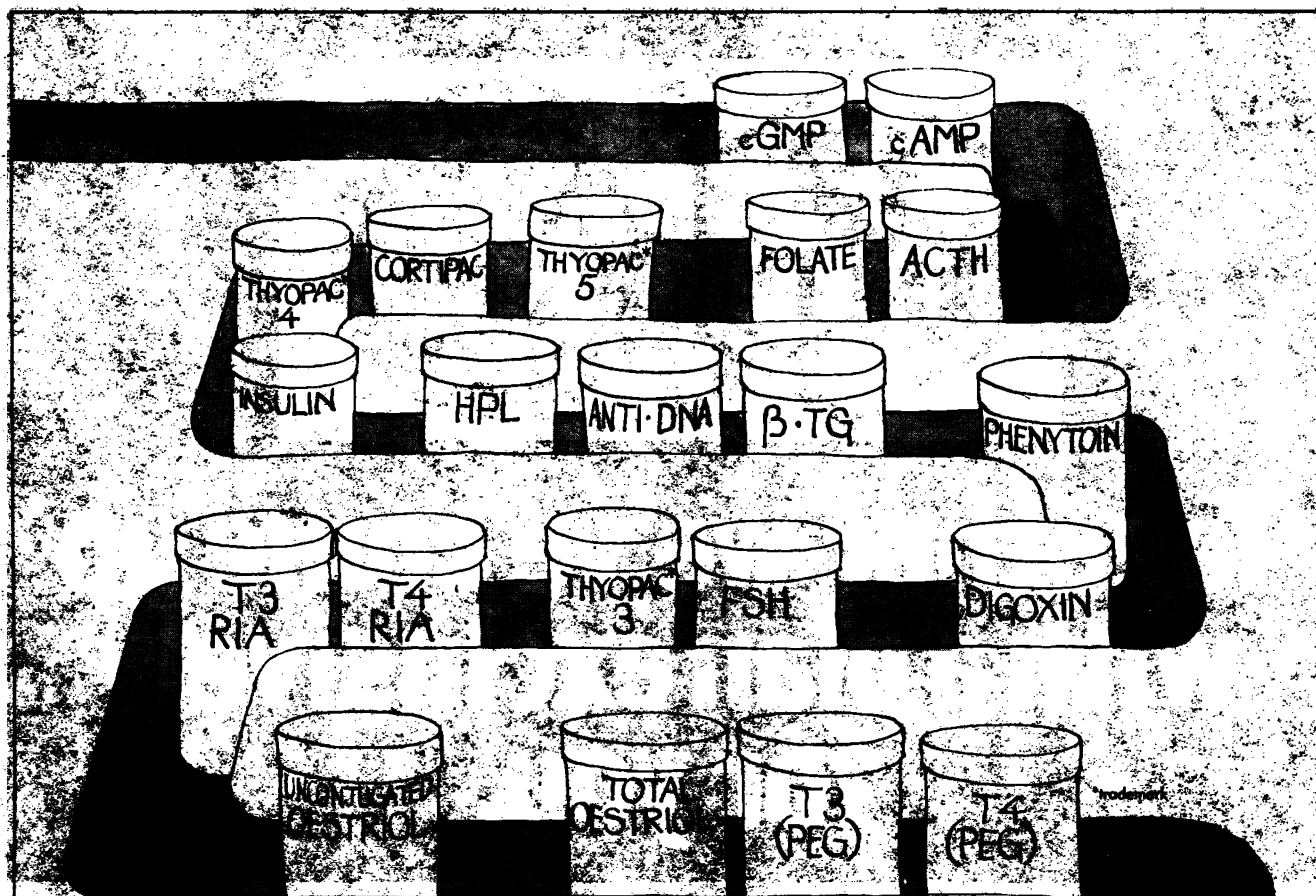


The main laboratories at Lincoln's Inn Fields

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(I am under 65 years of age)

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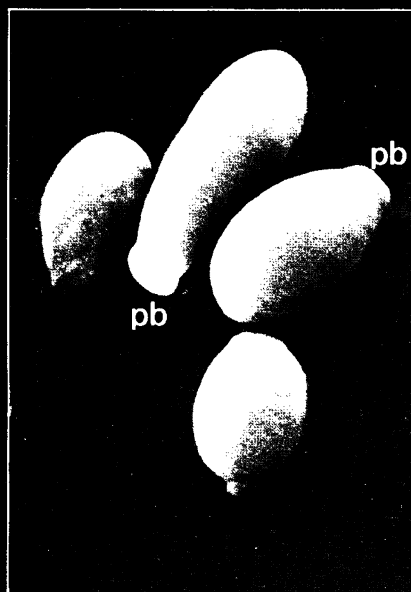
Hospital Address (if applicable)

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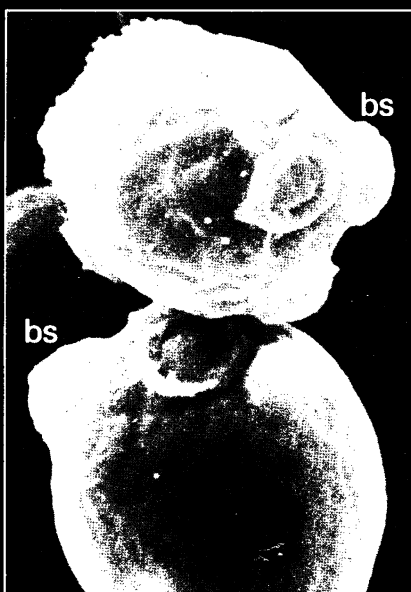
My existing policy expires on BMJ 1/79

the fungicidal breakthrough

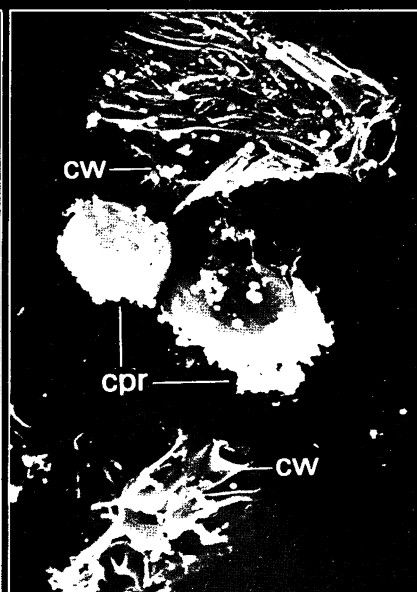
Scanning Electron Microscopic photographs of *Candida albicans* before and after treatment with miconazole.



1. Untreated cells appear as isolated yeast forms in an oval shape and with a smooth surface showing the formation of polar buds (pb).



2. Upon exposure to a fungistatic dose (10^{-7} M) of miconazole the cells tend to cluster. Budding becomes disorganized with visible budding scars (bs) that are randomly distributed over the surface of the cells.



3. Treatment with a fungicidal dose of miconazole causes the cell wall (cw) to burst. Vesicles of cytoplasm disintegrate and adhere to the surface of yet unbroken cells (cpr). (The interior of the cells is completely lytic).



the standard fungicidal treatment

Daktarin

miconazole nitrate 2 % w/w

*highly effective
in all fungal infections*

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or from :
Janssen Pharmaceutical Ltd.
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PL/0242/0016, 17, 47, 48, 52

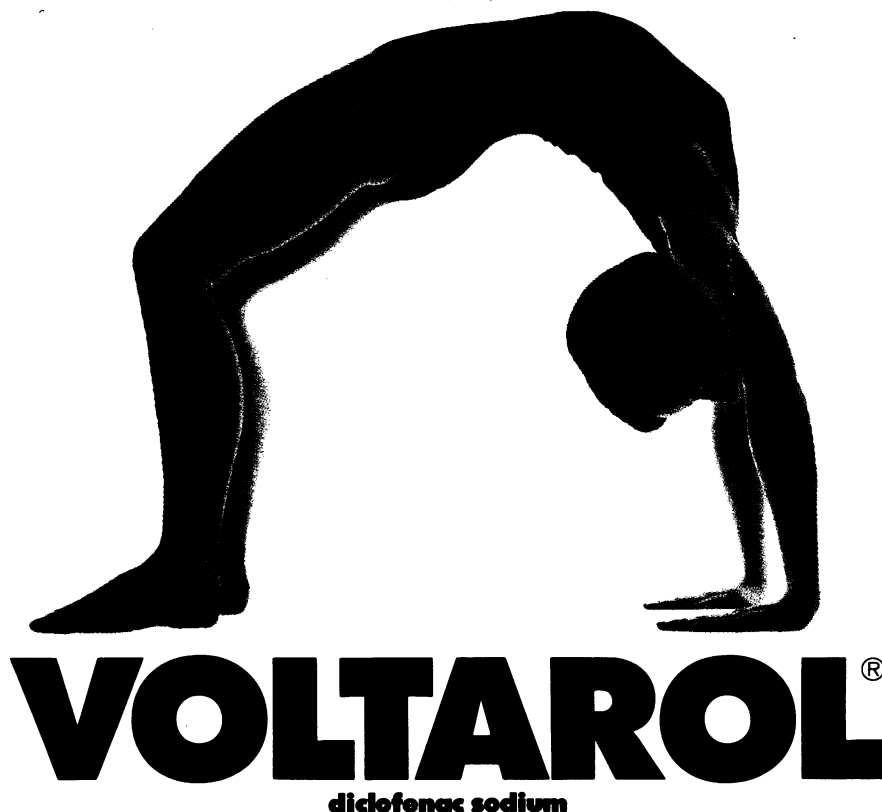
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Presentation Tablets containing 25mg diclofenac sodium, circular, slightly biconvex with bevelled edges, yellow enteric coated, approximately 7mm diameter, imprinted Geigy on one side.

Mode of action Voltarol is a non-steroidal agent with marked analgesic/anti-inflammatory and antipyretic properties. Like most other drugs in this class, it is an inhibitor of prostaglandin synthetase.

Indications Rheumatoid arthritis, osteoarthritis.

Dosage Oral: In adults the initial dosage is 25-50mg 3 times daily, depending on the severity of the condition. Maintenance dose should be reduced to the minimum amount that will provide continuous therapeutic control, usually 1 x 25mg tablet three times daily.

Dosage in children has not yet been established.

The tablets should be swallowed whole, with a meal.

Contraindications Peptic ulcer.

Voltarol is contraindicated in asthmatic patients in whom attacks of asthma, urticaria or acute rhinitis are precipitated by aspirin or other non-steroidal anti-inflammatory agents with prostaglandin synthetase inhibiting activity.

Precautions Voltarol should not be prescribed during pregnancy, unless there are compelling reasons for doing so.

Patients with a history of peptic ulcer, haematemesis, or melaena, or with severe hepatic or renal insufficiency, should be kept under close surveillance.

Voltarol has been reported to depress

salicylate levels, and vice versa; the clinical relevance of this phenomenon is not yet clear.

Warnings & side-effects Initially, some patients may complain of epigastric pain, nausea and diarrhoea, headache and slight dizziness. These side-effects are often transient, disappearing with continuation of medication.

Occasionally skin rash, peripheral oedema and abnormalities of serum transaminases have been reported.

Very rarely peptic ulcer and haematemesis or melaena have been reported, mainly in patients with a history of such disorders, or who were receiving concomitant anti-rheumatic medication.

Accidental overdose There is no known antidote to Voltarol and the treatment is

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Pharmaceutical precautions Storage - protect from moisture.

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Further information Pharmacodynamic studies have shown no potentiation of oral hypoglycaemic and anti-coagulant drugs.

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