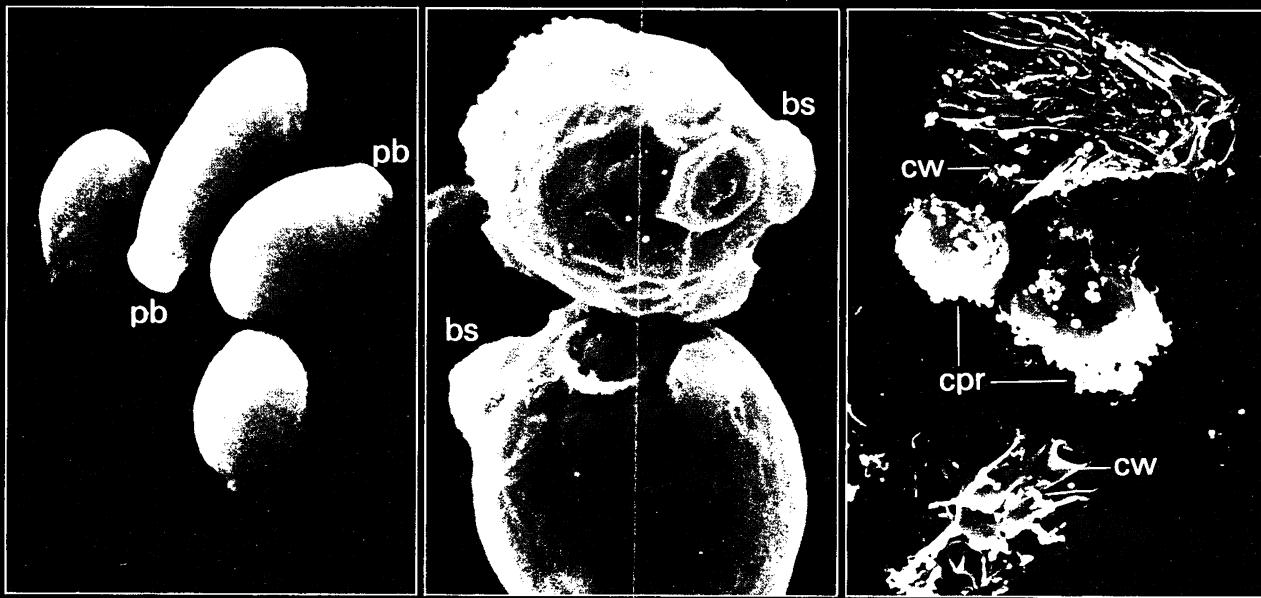


# the fungicidal breakthrough

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<sup>®</sup>

miconazole nitrate 2 % w/w

*highly effective  
in all fungal infections*

further information available on request from :



**Janssen Pharmaceutica**  
2340 Beerse, Belgium.

or from :

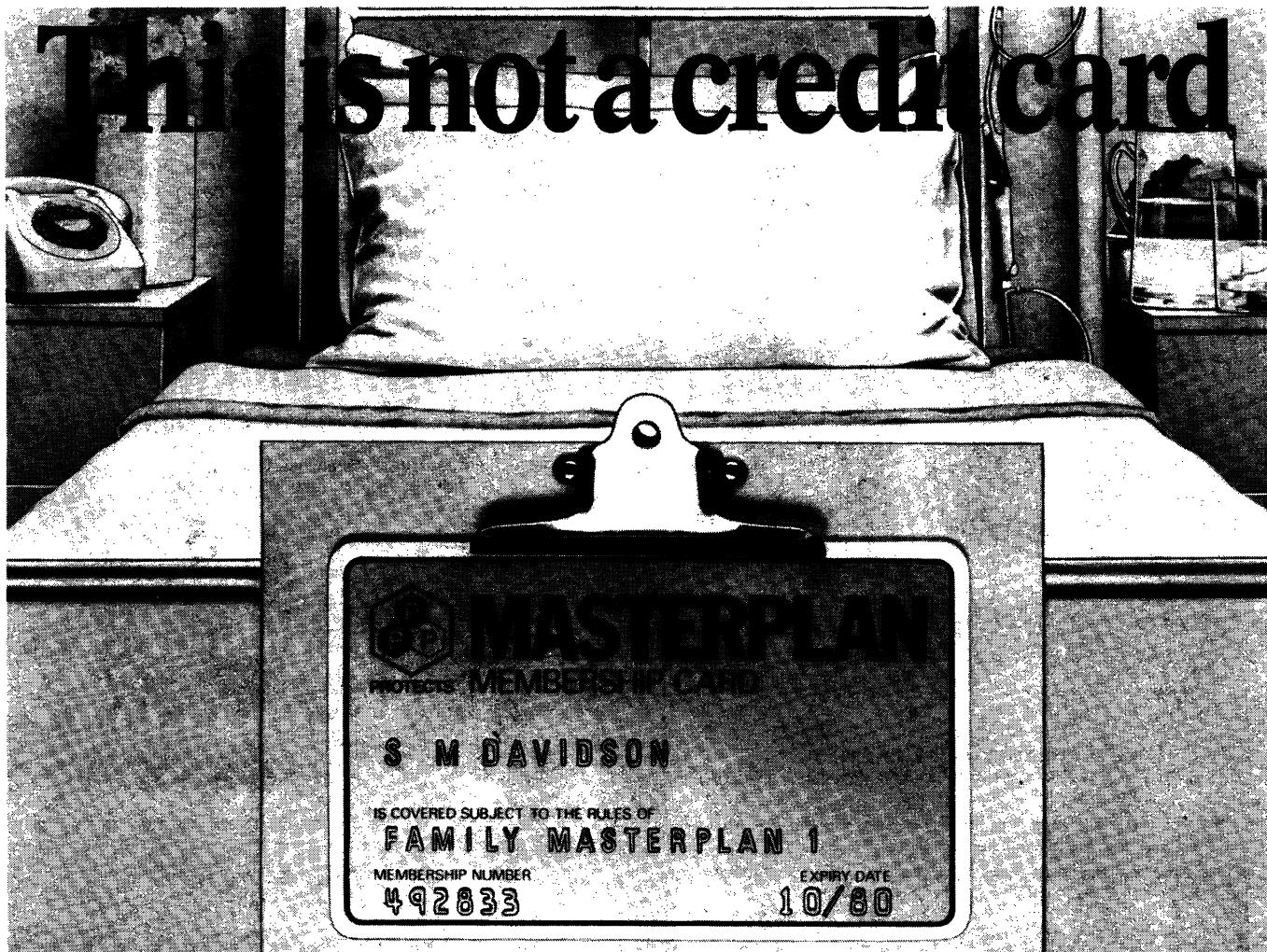
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Trade Marks : Brentan in Denmark and Spain, Daktar in Germany, Daktarin in all other countries.

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1. Brit. Med. J., 618, 2, 1977  
2. Acta med. scand., 119, 193, 1973  
3. J. Int. Res., 104, 3, 1975

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