

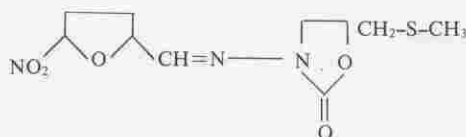
Contact dermatitis from Nifuratel

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Macmiror® is the Italian trade name for preparations containing Nifuratel.



[N-(5 nitro-2 furfurilidene) -3 amino-5 metilmercaptometil-2 ossazolidinone]

There is an ointment, tablet or vaginal suppository, marketed as an antimycotic and antitrichomonas agent. We have seen one case of contact dermatitis from Nifuratel; such a case has not been reported previously.



A 43-year-old man, after only one application of Macmiror ointment, developed marked oedema of the penis and scrotum with early phimosis (see Fig. 1). It began approximately 5 h after application of the ointment. He also had periorbital oedema and erythema with mild scaling. He had applied the ointment on the advice of a gynaecologist, as complementary therapy to that being received by his wife, who had been undergoing therapy for about 15 days with Macmiror vaginal suppositories. During this period, the couple had continued to have normal sexual relations without using any contraceptive.

The epicutaneous tests carried out with the standard European series of the ICDRG and Macmiror ointment gave a positive result only to Macmiror ointment +++ (48 h).

We tested the components of Macmiror ointment at a concentration of 1% in acetone. The results are shown below:

	48 h
Xalifin 15	-
Methyl para-hydroxybenzoate	-
Propyl para-hydroxybenzoate	-
Glycerin	-
Propylene glycol	-
Triethanolamine	-
Nifuratel	+++

The first sensitising contact with the allergen occurred during intercourse with his wife who was being treated with Macmiror vaginal suppositories. The single application of the ointment to the penis apparently represented the eliciting exposure which produced the severe allergic reaction.

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