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Otolaryngology - Head & Neck Surgery

## TRICHOPHYTON MIXTURE

### Substance Information:

A fungus. Includes *T. rubrum*, *T. mentagrophytes*

The dermatophyte fungus *Trichophyton* exhibits unique immunologic properties by its ability to cause both immediate and delayed type hypersensitivity

### Adverse Reactions:

Asthma, rhinitis.

According to this study, the presence of fungal infection seems to be an important determinant in hypersensitivity to *Trichophyton* whether or not the subject is asthmatic and/or allergic. Since a greater proportion of patients with nonallergic asthma - in whom the rate of severe asthma was also higher - showed positive skin tests to *Trichophyton* extracts in this study, the authors believe that patients with severe, intrinsic asthma should be examined for signs of fungal infection and tested to determine immediate hypersensitivity to dermatophyte antigens

### Occupational Exposure:

None