

Majocchi's Granuloma

Tinea granulomatosa de Majocchi

Aline Lopes Bressan¹
João Carlos Macedo Fonseca³

Roberto Souto da Silva²
Maria de Fátima G. Scotelaro Alves⁴

Abstract: We report the case of a man of 45 with superficial dermatophytosis longtime inadvertently treated with antibiotics and corticosteroids with subsequent progression to the deep form, known as granuloma Majocchi. Treatment with orally terbinafine was successful.

Keywords: Adrenal cortex hormones; Granuloma; Mycoses

Resumo: Relata-se o caso de um homem de 45 anos com dermatofitose superficial de longa data, tratado, inadvertidamente, com corticoide e antibiótico, com progressão subsequente para a forma profunda, conhecida como granuloma de Majocchi. O tratamento com terbinafina VO foi curativo.

Palavras-chave: Corticosteroides; Granuloma; Micoses

Tinea corporis is a dermatophyte infection of the skin of the trunk and extremities (most commonly), usually restricted to the stratum corneum. Its most prevalent pathogen worldwide is *Trichophyton rubrum*.²

Deep infections rarely form abscesses and ulceration and are usually restricted to the immunocompromised. This condition is known as Majocchi's granuloma (Figures 1 and 2). Its progression may be facilitated by the use of topical or systemic corticosteroids. However, immunosuppression may not be found in some cases of deep dermatophytosis, as in the case of our patient. Its evolution resulted from intermittent and incorrect use of corticosteroids and antibiotics due to wrong diagnosis of psoriasis, eczema and impetigo.

Direct examination and culture of scales or



FIGURE 1: Erythematous scaly lesions with violaceous papules and nodules on the back of the hand; some with eroded surface and crusts

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¹ Graduate degree in Dermatology, Pedro Ernesto University Hospital - Assistant physician, Dermatology Ward, Pedro Ernesto University Hospital - Rio de Janeiro (RJ), Brazil.

² Specialist in Dermatology by the Brazilian Society of Dermatology. Assistant physician, Outpatient Clinic of General Dermatology, Pedro Ernesto University Hospital - Rio de Janeiro (RJ), Brazil.

³ MSc and PhD in Dermatology - Professor of Dermatology, Pedro Ernesto University Hospital - Rio de Janeiro (RJ), Brazil.

⁴ Ph.D. in Dermatology - Professor of Dermatology responsible for the Division of Dermatopathology at Pedro Ernesto University Hospital - Rio de Janeiro (RJ), Brazil.



FIGURE 2: Area of edema and erythema in the forearm, with papules and crusts on the top

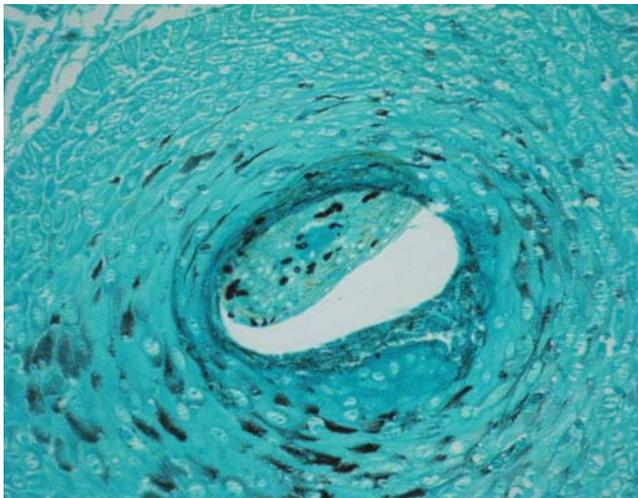


FIGURE 3: Grocott (10X magnification): hyphae and spores (blackened traces) within the hair follicle

secretion identify the fungus and pathology;³ see Figure 3, which displays the granuloma with hyphae in the stratum corneum and hyphae or arthroconidia in the hair follicle.

The patient was treated with terbinafine 250mg/day for 1 month, with resolution of the condition. □

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MAILING ADDRESS / ENDEREÇO PARA CORRESPONDÊNCIA:

Aline Lopes Bressan

Rua Cachambi, 34/402 – Méier

20775-182 Rio de Janeiro - RJ, Brazil

Phone.: (21) 2201-3590

E-mail: alinebressan@ig.com.br

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