

MAJOCCHI'S GRANULOMA CAUSED BY TINEA VULVA: STATE OF THE ART OF THIS RARE ENTITY

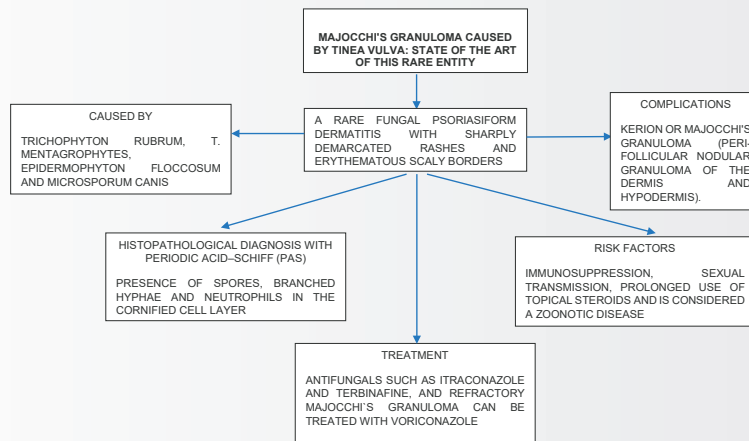
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INTRODUCTION

Vulvar dermatophytosis or tinea is considered a rare fungal pathology, caused by microorganisms such as *Trichophyton rubrum*, *T. mentagrophytes*, *Epidermophyton floccosum* and *Microsporum canis*. This condition presents as a psoriasiform dermatitis with sharply demarcated rashes and erythematous scaly borders. The diagnosis is made with periodic acid–Schiff (PAS), which shows the presence of spores, branched hyphae and neutrophils in the cornified cell layer. Usually triggered in patients under immunosuppression, sexual transmission, prolonged use of topical steroids and is considered a zoonotic disease. May result in complications such as Kerion or Majocchi's granuloma (peri-follicular nodular granuloma of the dermis and hypodermis).



Majocchi's Granuloma Workup

METHODOLOGY

A search was carried out on April 2021, in the PubMed, LILACS, ProQuest and Clinical Key databases, limiting to results between the years 2005 to date, the MESH terms used were (Vulva) AND (Majocchi's Granuloma).

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RESULTS

Four case reports were found of patients under 30 years old, one of them diagnosed with vulvar Majocchi's Granuloma due to infection of *Trichophyton mentagrophytes* and *Trichophyton rubrum*, three of them were immunocompetent patients and a woman used topical steroids for approximately 5 years. Due to difficulties with the clinical diagnosis and the absence of follicles in the biopsies performed for PAS, the patients were treated empirically with antibiotics, corticosteroids or acyclovir, subsequently they received antifungals such as itraconazole and terbinafine with therapeutic success. An association with contact with pets, shave with razor and vulvar sweating was found.

CONCLUSION

Understand the differential diagnosis and the potential complications of this pathology is the key to obtain an effective treatment. Vulvar sweating, contact with pets and use of razor should be investigated. This encourages the publication of new cases to obtain accurate data on the comprehensive management of this condition.

KEY WORDS

Vulva
Majocchi's
Granuloma
Tinea