

CUTANEOUS GRANULOMAS AFTER COSMETIC EYEBROW MICROPIGMENTATION AS A POTENTIAL MARKER OF SYSTEMIC SARCOIDOSIS: A CASE REPORT

INTRODUCTION

Sarcoidosis is a systemic granulomatous disease characterized by non-caseating granulomas, with cutaneous lesions occurring in up to 30% of patients and sometimes representing the initial manifestation.

CASE REPORT

👩 54-year-old woman

💉 Cosmetic eyebrow micropigmentation



1.5 years later

Bilateral eyebrow pruritus, erythema, and edema



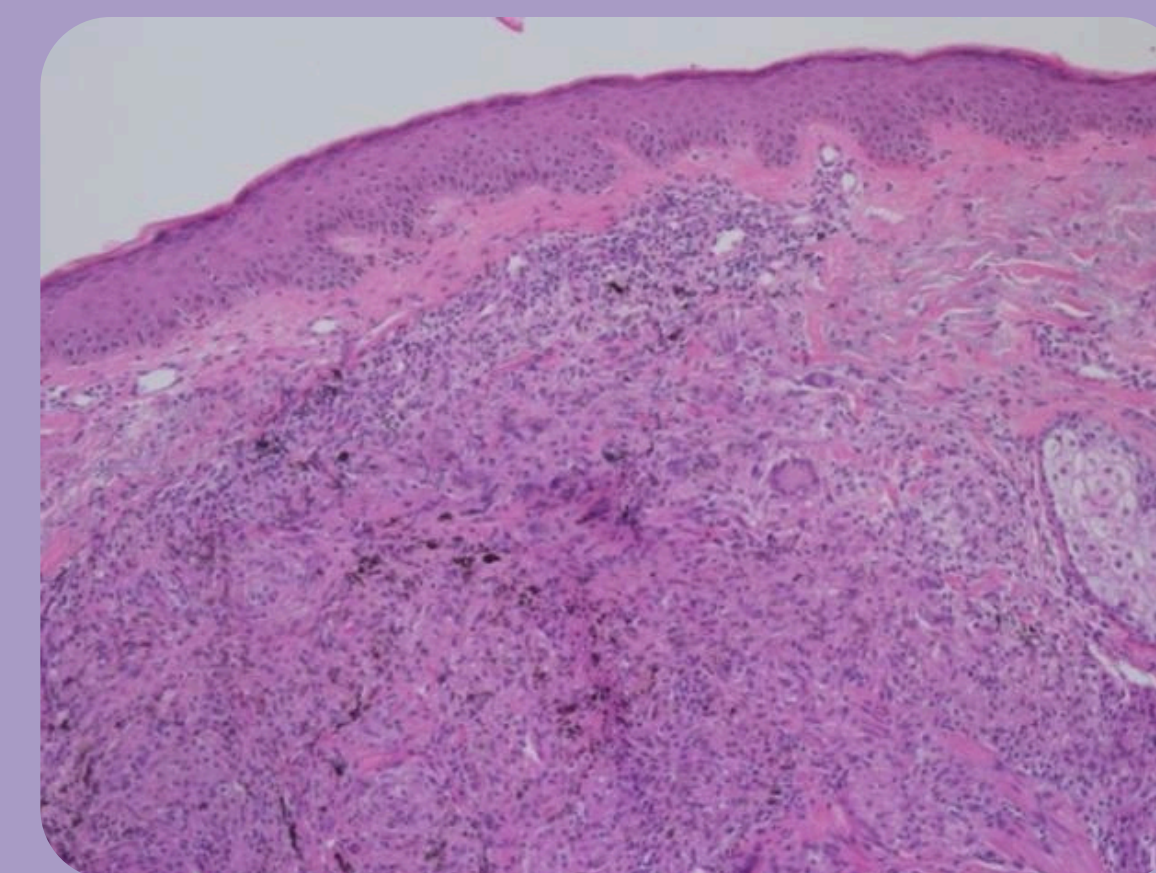
Authors: Ana V. Coppoli-Silva, et. al

DIAGNOSTIC FINDINGS



Histopathology

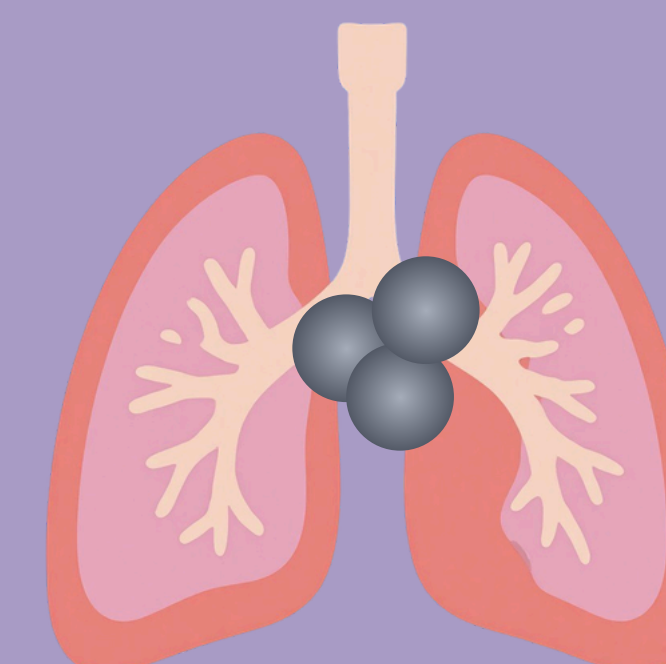
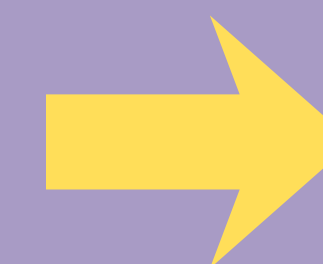
- Non-caseating dermal granulomas
- Pigment deposits in granulomas (H&E ×100)



(H&E ×100)

Systemic evaluation

- Elevated ACE
- HRCT: mediastinal lymphadenopathy
- Pulmonary involvement



TREATMENT

Topical therapies



No response

Systemic corticosteroids



Partial response

Methotrexate → Azathioprine



Improvement



CONCLUSION: Granulomatous reactions in micropigmentation may represent the first manifestation of systemic sarcoidosis.