Trichoscopic Clues to Griscelli Syndrome

Manuscript Info

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Manuscript History
Received: xxxxxxxxxxxxxxx
Final Accepted: xxxxxxxxxxx
Published: xxxxxxxxxxxxxxx

Key words: -
dermoscopy,griscelli syndrome, pediatrics, silvery-gray hair, trichoscopy

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Abstract

Griscelli syndrome is a rare autosomal recessive disorder characterized by pigmentary dilution of the skin and hair,

associated with various systemic manifestations resulting from underlying genetic mutations. We report the case of a 5-year-old girl with no significant medical history who was admitted to the pediatric department for evaluation of hemophagocytic lymphohistiocytosis. She was noted to have gray hair, eyelashes, and eyebrows since birth. Trichoscopic examination revealed hypopigmented hair shafts lacking pigment clumps but displaying regularly spaced pigment clusters arranged in a discontinuous linear pattern, findings consistent with Griscelli syndrome.

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Figures and legends:

Figure 1: (A) Silvery-gray hair, eyelashes, and eyebrows. (B) Hypopigmented macule on the back(blue arrow).

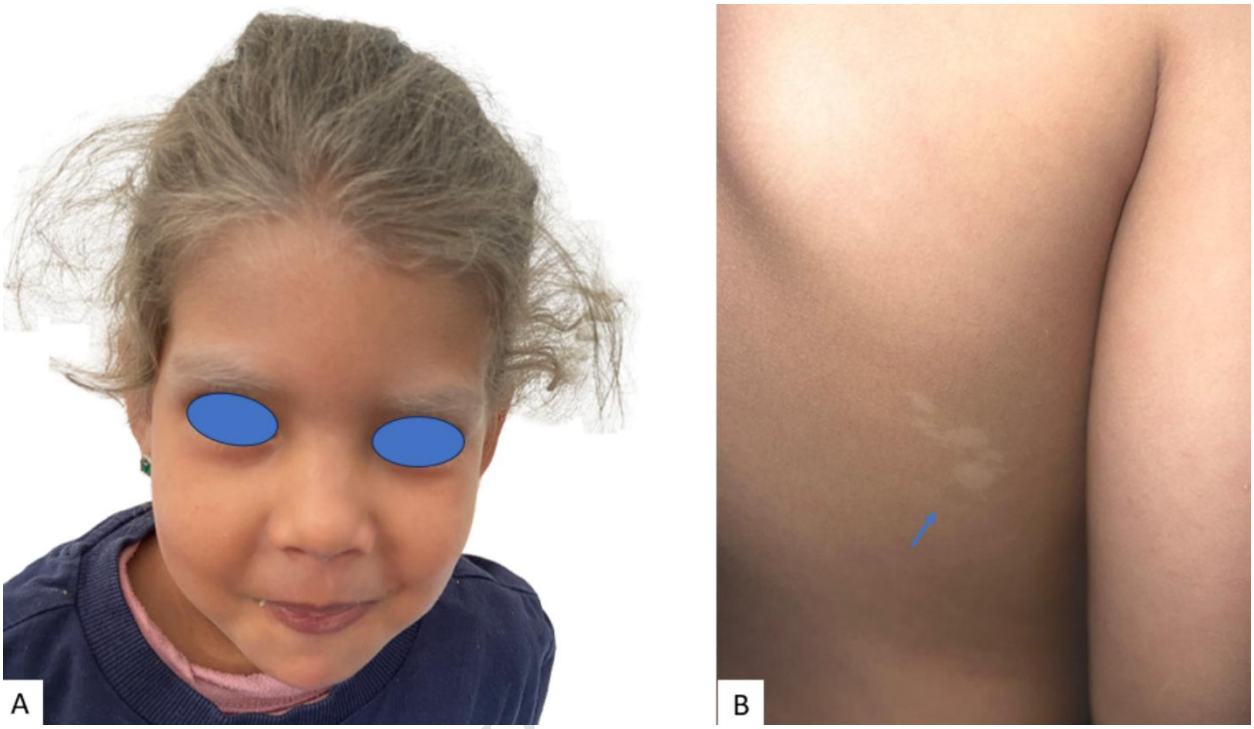

Figure 2: Dermoscopy of hypopigmented hair shaft (blue arrow) with regularly spaced pigment clusters arranged in a discontinuous linear pattern (orange arrow).

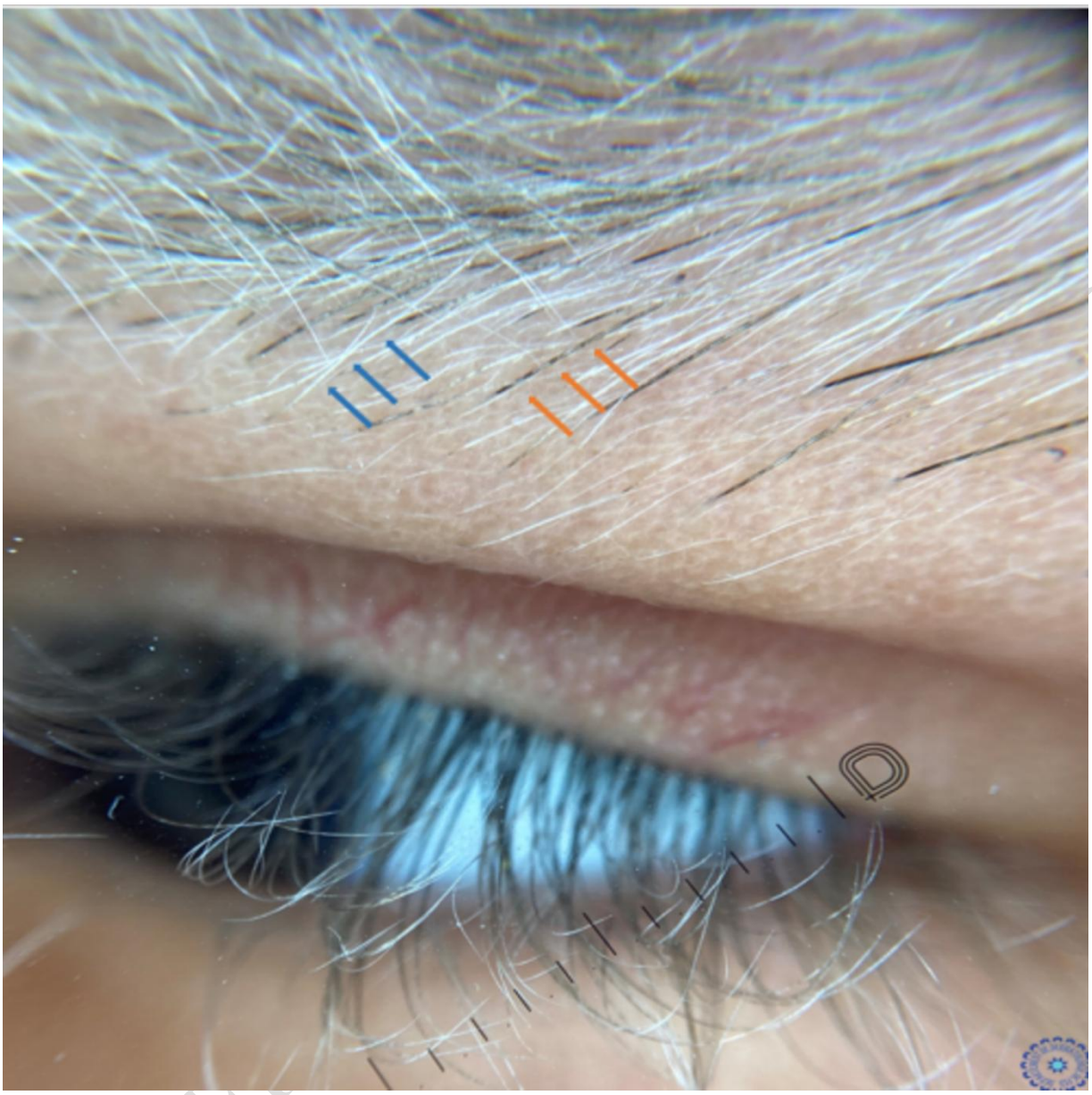

Figure 3: Dermoscopy of the hair shafts reveals short longitudinal pigmented lines arranged in a linear distribution (orange arrow).