

Monocular nystagmus in a patient with alternating hemiplegia of childhood

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Monocular nystagmus is a rare condition that occurs in limited number of disorders, such as spasmodic nutans, multiple sclerosis, and alternating hemiplegia of childhood (AHC).¹ AHC is a neurodevelopmental disorder characterized by intermittent hemiplegic episodes with variable neurologic features.²

We present a 1-year-old infant with episodes of alternating hemiplegia and tetraplegia. He had onset at 7 months of life with monocular nystagmus (video). Neurologic examination was also notable for choreic and dystonic movements. Genetic sequencing confirmed mutation 2443G>A (p.Glu815Lys) in the *ATPIA3* gene. Treatment with flunarizine has led to improvement with decreasing frequency and duration of episodes.

Author contributions

J. Tello: drafting and critical revision of manuscript. I. Ruiz: acquisition of data. L. Herrera: analysis and interpretation of data, critical revision of manuscript. A. Miranda: analysis and interpretation of data (molecular analysis). P. Alid: acquisition of data. M. Troncoso: critical revision of manuscript.

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Disclosure

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