



PAEDIATRIC DERMATOLOGY

## LINEAR AND WHORLED NEVOID HYPERMELANOSIS: AN UNUSUAL PIGMENTARY ALTERATION.

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**Background:** Linear and spiral nevoid hypermelanosis is a sporadic pigmentation anomaly which manifests itself during the first weeks after birth, with a gradual progression and further stabilization. Clinically, it can be distinguished by hyperpigmentation that follows a Blaschkoid pattern, giving a linear and spiral appearance. It may be associated with some congenital neurological alterations. Its physiopathology is not fully understood although recently an KITLG gene mosaicism has been associated. Diagnosis is confirmed by histopathology being the most relevant characteristic a basal diffuse hyperpigmentation with absence of pigment incontinence and melanophages.

**Observation:** We present the case of a 6 years old female student. As an only relevant history she had generalized convulsive crisis, absence type, with treatment with magnesium valproate. She presented a disseminated dermatosis. It affected trunk on both sides, principally posterior on mid and lower segments, with a predominance on extensor surfaces. Constituted by multiple hyperpigmented macules, light Brown color, with irregular limits, some in a linear configuration measuring up to 5 inches of length and some in spiral, following a Blaschkoid pattern. It started during the first months of life with progressive expansion of the lesions and stabilization at 3 years old, with no associated symptoms. Treatment was based with emollients and multidisciplinary with the Neurology department.

**Key message:** This case is of clinical relevance because it is an alteration that is overlooked during physical examination but carries a great importance due to the other alterations that can be associated with it, in this case with convulsive crises. Furthermore, it is important to recognize it from other pigmentary alterations that may require a different treatment or further evaluation.

