



GENETICS AND GENODERMATOSES

IDIOPATIC LOCALIZED ANHIDROSIS: A RARE SYNDROME

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Introduction: Harlequin syndrome is a dysautonomic syndrome of the face secondary to an unilateral dysfunction of the sympathetic system, most often benign and idiopathic, nevertheless an organic cause must be sought and eliminated.

Case report: Our patient is 21 years old, without significant pathological history, consults for hypersudation and asymmetric erythema of the face, lateralized on the right side, this disorder observed since childhood, during sports efforts and more frequently in hot season, Moreover, the patient does not report other signs including ocular, neurological and no history of cervicothoracic surgery or arterial catheterization.

On the dermatological examination there are no abnormalities, no asymmetry of the face, the examination of the cranial pairs in this case the facial nerve was unscathed.

In order to objectify the disorder communicated by the patient, a stress test was carried out, and erythema of the right hemiface, the hemichic and right upper limb, was noted, more pronounced in the orbital area, where it is finely telangiectatic, with hypersudation contrasting with the absence of erythema and sweat on the contralateral side, after the diagnosis of the harlequin syndrome, a cervicothoracic MRI was requested and doesn't shoes any anomalies

Conclusion: The harlequin syndrome is expressed most often after an effort and following exposure to heat, as has been reported by our patient. It is a rare dysautonomous phenomenon of the cervicothoracic sympathetic system, which is most often idiopathic especially if the occurrence is early, the presence of neurological associated or cardiovascular signs must suggest an underlying cause. in order to preserve the aesthetic concern, the patient was offered periodic injections of botulinum toxin on the healthy side.

