Relationship between infrared skin radiation and muscular strength tests in patients affected by Emery-Dreifuss muscular dystrophy.


Abstract

Considering that infrared thermography is presented as a diagnostic technique for non-invasive, non-ionizing, fast and easy to use imaging and Emery-Dreifuss muscular dystrophy is a clinical condition that seems to be related to changes in the emission of infrared radiation at the skin level due to its neurodegenerative character, we have conducted an investigation by infrared thermography and the use of functional strength tests in the lower limbs in a family of 4 affected members of Emery-Dreifuss muscular dystrophy to try to establish a relationship between the evolution of the disease and the emission of infrared radiation in this pathology at the lower limb level and provide a more general view of this disease for a better evaluation and monitoring of the disease.

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KEYWORDS: Emery-Dreifuss; Strength tests; Thermography

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