

Mini Review Open Access

Clinical Commentary: About Acupuncture and Electroacupuncture in Advances in Muscle Weakness

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Keywords: Numerous measures treatment; Weakness; Metabolic diseases; Traditional chinese medicine

There are numerous measures treatment for the study of muscle weakness and a number of reviews of these assessment instruments and therapies are been conducted. This is a commentary about efficacy of treatment with acupuncture and electro acupuncture in muscle weakness. Weakness is a decrease in the strength in one or more muscles, in the strictest sense, the medical definition of weakness refers to loss of muscle strength. Weakness may be generalized or may affect one muscle or muscle group exclusively. Diseases of the neuromuscular system, injuries, metabolic diseases, and toxins can all cause of measurable muscle weakness. Many studies investigate the effectiveness the Acupuncture and other therapies of the Traditional Chinese Medicine to these problems [1-6]. These studies represent research focusing on different levels of inquiry and on different features of the complex neural feedback system that are manifested in the robust relationships between several behavioral, psychological, physiological, and health processes.

Acupuncture in Traditional Chinese Medicine is based on ancient Chinese philosophical beliefs regarding the flow of vital energy through the body along the discrete pathways termed meridians [4,7]. Acupuncture treatment, specific points along these meridians are utilized to balance the energy flows within the body. The meridian system shows constellations of acupoints that have common therapeutic effects in acupuncture for the specific symptoms of body parts, and it is used to explain the remote effects of acupuncture treatment. Understanding the essence of the meridian system helps us in developing an understanding of the interconnections that underlie a disease [8]. However to understand the physiologic mechanism of the acupuncture, some studies report that the technique cause inhibition in the dorsal horn, which can activate or inhibit certain points of the body that stimulate the release of opioids such as serotonin [9,10]. Further investigation explored the role of central neurotransmitters in mediating acupuncture analgesia, including catecholamine's and serotonins [5]. These neurotransmitters released produce various effects, such as analgesic, muscle relaxant, anti-inflammatory, mild anxiolytic and antidepressant. The Electroacupuncture is based on conventional acupuncture, with the additional application of an electric pulse in the acupoints in order to strengthen the effect. This technique is used because it may improve the electrical stimulus certain physiological reactions and/ or other produce different might obtain a faster analgesic and anesthetic that manual acupuncture [5,11,12]. However, Schliessbach et al. [13] compared both procedures in 45 healthy volunteers to assess Pressure Pain Detection Thresholds. These authors state that electroacupuncture produces a higher Pressure Pain Detection Thresholds elevation than does manual acupuncture during needle application, but by the time of needle withdrawal, the two stimulation modalities no longer differ significantly.

The basis with Acupuncture diagnosis and treatment is based on a different understanding of illness and health from Western medicine and can appear unfamiliar. The role of Acupuncture is to analyze imbalances of distinct elements in the human body that can result in pathology.

Competing Interests

The author declares no competing interests.

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Received November 28, 2015; Accepted March 28, 2016; Published April 05, 2016

Citation: Comachio J (2016) Clinical Commentary: About Acupuncture and Electroacupuncture in Advances in Muscle Weakness. J Mult Scler (Foster City) 3:168. doi:10.4172/2376-0389.1000168

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J Mult Scler (Foster City) ISSN: 2376-0389 JMSO, an open access journal