



Neurometric computed response in auriculoacupuncture - cases report

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Background

Modern science seeks for a constant investigation over the mechanisms and basis of the neurophysiological acupuncture effects. This study brought together the auriculoacupuncture and neurosciences.

Objective

To evaluate and report on the neurofunctional reactions associated with the autonomic nervous system by auriculoacupuncture stimulus.

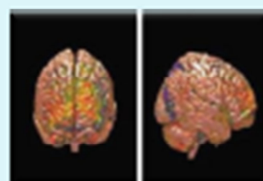
Methodology

The study was done in 3 volunteers, both sexes. We conducted the examination DLO (Lying-Lifted-Orthostatic) and with computerized equipment for neurometry, in the moments, 15 minutes, 24 and 48 hours after application. Semi-permanent needles for auriculoacupuncture was used in the acupoints: *shen men*, autonomic nervous system and kidney. The volunteers initially feature physiological deficiency, anxiety and severe adrenal stress with physical and emotional exhaustion.

Results

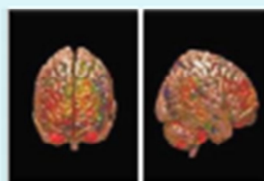
After 15 minutes of application of the needles there were positive changes. After 24 hours showed significant improvement in anxiety and adrenal stress. After 48 hours was registered an improvement almost all the neurophysiological parameters evaluated by neurometry. Was visually perceptible neuroimaging record during the stimulus by auriculoacupuncture.

Moment 0

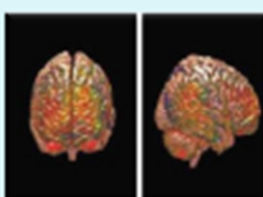


movement:
dorsal decubitus

Moment 48 hours

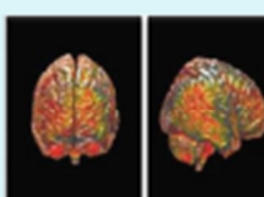


Moment 0

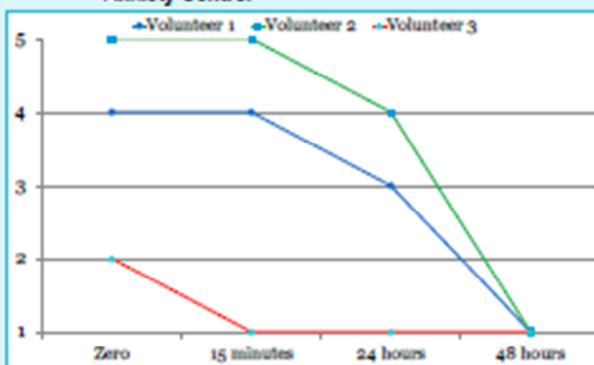


movement: up

Moment 48 hours

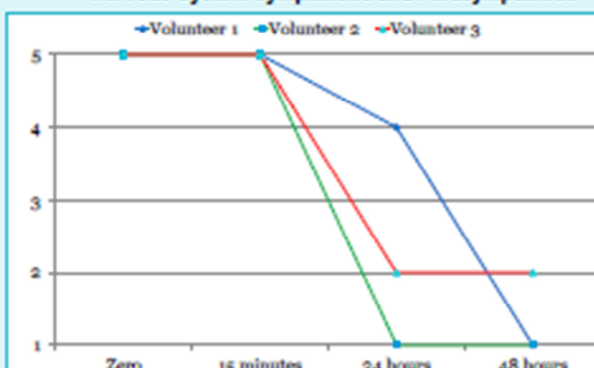


Anxiety Control



1 - Acceptable; 2 - Light; 3 - Moderate; 4 - Serious; 5 - Severe

Nervous System Sympathetic and Parasympathetic



1- Satisfactory; 2- Adrenergic sympathetic activity; 3- Autonomic limit; 4- Susceptibility to pain, distress; 5- Exhaustion, nervous tension

Conclusion

There was improvement in all parameters evaluated by neurometry after auriculoacupuncture stimulation in acupoints, showing a satisfactory manner unleashed the neurophysiological response.