

The Effect of an osteopathic Liver Treatment on energetic measurement Values of Acupuncture Meridians

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Abstract

Traditional Chinese medicine postulates that energy is flowing through the different meridians located within the human body. Several authors within the osteopathic medicine reports that physiological processes are not only mediated by the different arterial, venous, lymphatic and cerebrospinal flows within the body but also through bio-energetic flows.

Objective

This study aims to know whether an osteopathic intervention, besides the proven impact on mechanical, neurological, vascular and metabolic basis, also has an immediate impact on electromagnetic basis through measurement of energy levels on the several acupuncture meridians.

Methods

A group of patients (n=37) with altered energy levels on the liver meridian were submitted to an osteopathic examination. Twenty two within this group were subjected to an osteopathic treatment. The energy levels of the entire group of patients were measured before and after the osteopathic examination and treatment with the Acugraph®. The results were noted using a Microsoft Excel 2003 software package. Statistical tests were carried out using SPSS for Windows 16.0 (SPSS, Chicago, IL, USA) statistical software package for pc or using EPI Info version 6 (USD, Stone Mountain, GA) and were considered statistically significant when $p < 0.05$ or in case of multiple comparisons, when $p < 0.05/n$ (Bonferroni correction)

Results

Statistically significant differences were noticed for the mean energy level between baseline and post-examination and this for the entire group of patients. The mean energy levels between baseline and post-examination, baseline and post-intervention are significantly different within the 22 patients of the intervention group. Between post-examination and post-intervention no significant differences were observed. The mean energy levels between baseline and post-examination, baseline and post-intervention and post-examination and post-intervention are significantly different within the 15 patients of the control group. Afterwards the 37 patients were stratified by sex. On baseline and post-examination 37 patients were used. On post-intervention these patients were split in an intervention (n=22) and control group (n=15). Men and women showed no differences in

mean energy level on baseline and post-examination. Within the 22 patients who underwent intervention no statistical significant differences were observed in mean energy level on post-intervention between men and women, nor in the control group.

Conclusion

This study shows that an osteopathic examination leads to an immediate change of energy levels measured on the acupuncture meridians. An osteopathic treatment on the other hand has a tendency to lead to some sort of normalization towards the mean of the energy levels on the acupuncture meridians. Finally, gender does not have any effect on the energy levels of the acupuncture meridians.

Keywords: Visceral osteopathy, Energy, Electro-acupuncture