

Accepted Manuscript

Title: Shiatsu as an adjuvant therapy for depression in patients with Alzheimer's disease: A pilot study

Authors: Giuseppe Lanza, Stella Silvia Centonze, Gera Destro, Veronica Vella, Maria Bellomo, Manuela Pennisi, Rita Bella, Domenico Ciavardelli



PII: S0965-2299(17)30941-X
DOI: <https://doi.org/10.1016/j.ctim.2018.04.013>
Reference: YCTIM 1841

To appear in: *Complementary Therapies in Medicine*

Received date: 23-12-2017
Revised date: 24-4-2018
Accepted date: 30-4-2018

Please cite this article as: { <https://doi.org/>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Shiatsu as an adjuvant therapy for depression in patients with Alzheimer's disease: a pilot study.

Giuseppe Lanza, MD PhD^{a*}, Stella Silvia Centonze, BSc^b, Gera Destro, MD^c, Veronica Vella, MD PhD^{b,d}, Maria Bellomo, MD PhD^b, Manuela Pennisi, MD PhD^e, Rita Bella, MD^f, and Domenico Ciavardelli PhD^{b,g}

^a Oasi Research Institute – IRCCS, Troina, Italy

^b School of Human and Social Science, University “Kore” of Enna, Enna, Italy

^c Centro diurno Alzheimer, Ospedale “Michele Chiello”, ASP 4, Piazza Armerina, Italy

^d Department of Clinical and Molecular Bio-Medicine, Endocrinology Unit, University of Catania “Garibaldi-Nesima Medical Center”, Catania, Italy

^e Spinal Unit, Emergency Hospital “Cannizzaro”, Catania, Italy

^f Department of Medical and Surgical Sciences and Advanced Technologies, Section of Neurosciences, Azienda Ospedaliero Universitaria Policlinico Vittorio Emanuele, Catania, Italy

^g Centro Scienze dell’Invecchiamento e Medicina Traslazionale – CeSI-Met, Chieti, Italy

*** Corresponding author:** Dr. Giuseppe Lanza, MD PhD

Oasi Research Institute – IRCCS. Via Conte Ruggero, 73 – 94018, Troina, Italy

Phone: +39 0935 936948 – Fax: +39 0935 936694 – e-mail: glanza@oasi.en.it

Highlights

- We first evaluated the effect of Shiatsu in depressed patients with Alzheimer's disease (AD).
- 2. Shiatsu significantly reduced depression in a sample of mild-to-moderate AD patients
- Neuroendocrine-mediated effect of Shiatsu may modulate mood and affect neural circuits

Download English Version:

<https://daneshyari.com/en/article/8563391>

Download Persian Version:

<https://daneshyari.com/article/8563391>

[Daneshyari.com](https://daneshyari.com)