

Hypothesis

Hypothesis on how Distance External Qi Therapy works

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Highlights

Distance External Qi Therapy (DEQT) is a form of Distance Intention Healing. Though it is getting popular, there is still no clear explanation on how it works. This article highlights the plausibility of supporting the mechanism of DEQT with the theory of quantum entanglement, and cited above provide plausible explanations and support for how DEQT works. We look forward to in-depth discussions on the mechanism of DEQT therapy from all parts of the world.

Abstract: Distance External Qi Therapy (DEQT) is a form of Distance Intention Healing. Though it is getting popular, there is still no clear explanation on how it works. This article highlights the plausibility of supporting the mechanism of DEQT with the theory of quantum entanglement.

Keywords: Qi, external qi therapy, quantum entanglement, information medicine, information therapy

Abbreviations:

EQT, External Qi Therapy; DWQT, Distance EQT; IHD, Intention Host Device;

Competing interests:

The authors declare that there is no conflict of interest.

Citation:

Kean Hin Ooi. Hypothesis on how Distance External Qi Therapy works. TMR Theory and Hypothesis 2021, 4(4): 544-548.

Executive Editor: Xin Ren, Mengmeng Wang

Submitted: 12 November 2021, **Accepted:** 18 November 2021, **Online:** 30 November 2021.

Introduction

Qigong Therapy can be divided into two categories. One is self-healing, where participants learn how to practice to improve their health. The other is External Qi Therapy (EQT). Participants only need to receive external qi from a qigong therapist and do not need to practice any exercises. EQT can be done locally or non-locally [1-3]. Distance EQT (DEQT) is generally considered as one of the methods of Distance Healing Intention [4].

The lockdown brought by coronavirus pneumonia all over the world has inadvertently popularized online interactions. Qigong teaching and Distance External Qi Therapy (DEQT) are two of them. The coronavirus pandemic will eventually be resolved, but due to the convenience, online activities will continue to develop. The popularity of online practice reflects that similarity in experiences felt by practitioners on-site and online. Though online practices are common now, there is still no clear explanation of how they work.

Common definitions of qi are "life force", "bioenergy", "vital energy" or simply "energy". In recent years, some research papers proposed that the qi of the human body can be measured at terahertz (terahertz) frequency, and pointed out that the main component of qi is an electromagnetic wave distributed in the terahertz band, which is a kind of energy [5]. From the perspective of modern physics, energy is limited by time and space. If qi is defined as a kind of energy, it cannot explain how DEQT works. The experiments where external qi emitted on-site to generate light (photons), infrared (heat), electromagnetic wave (field energy) can be regarded as the experiments of converting X energy (qi) into Y energy (photons, electromagnetic waves, etc.) [6]. A simple infrared detector can detect the infrared emitted from a human body 10 meters away. It is difficult to convince physicists that an on-site external qi experiment could prove that information can be converted into energy.

Energy will be absorbed or transformed as it travels, the longer the distance the bigger the loss. To avoid the confusion brought by the common definitions of qi, this article defines DEQT as a form of distance healing intention. That implies it is not the commonly defined qi that works, but the information or the intention of the mind.

Theoretical background

Einstein's $E=mc^2$ explains that energy and physical matter can be transformed into each other, but can information be transformed into energy or physical matter? In DEQT, the most important thing to explain

is where the energy to heal the lesion comes from. The studies of mind-matter interaction also face a similar question.

In 1871, James Maxwell proposed that information could be converted into energy. In 1961, Rolf Landauer proposed that information was physical [7]. The paper Information-Energy Conversion and Generalized Identity Verification shows that a 0.3 μm -diameter particle can be forced by information to climb up a spiral staircase-like electric field against gravitational force [8]. The energy obtained by the particle is greater than the energy added to it, which shows a new basic principle of "information to heat engine" that converts information into energy.

William Tiller points out in Intention Host Device Research Introduction that Consciousness = Information $\leftrightarrow$ Energy $\leftrightarrow$ Physical Matter, which implies consciousness is a form of information and information can be converted into energy and vice versa. The paper claims that consciousness is a form of information, and information can be transformed into energy [9].

Tiller supports his statement by quoting four experiments conducted by his Intention Host Device (IHD). It is a specially designed electronic oscillator that can store and playback recorded intention (information). The intention emitted according to given instructions by meditation practitioners was recorded by the device and played back subsequently during the experiments.

The first experiment showed how the intention played back by IHD increased the pH of water within 72 hours; the second experiment showed how IHD reduced the pH of water within the same duration. The first experiment was successfully replicated in 10 locations in Europe and the United States. The third experiment showed that compared with the control group, the IHD successfully accelerated the chemical activity of alkaline phosphatase (a liver enzyme) in vitro by 25% to 30%. In the fourth experiment, the ATP/ADP ratio of *Drosophila* larvae increased by 15%-20% compared to the control. This proves that information is a substance that can be recorded and played back repeatedly. The reproducibility of these experiments, where active human intervention was excluded, increases the credibility of the claim that intention/ information can make changes to the physical world. Qigong scholar Pang Heming @ Pang Ming's Three Levels Theory of Matter also puts forward the hypothesis that information can be transformed into energy and physical matter [10].

Empirical data

Quantum entanglement occurs when two separate

entities become strongly linked in a way that cannot be explained by classical physics. In 2017 Pan Jianwei proves that two twin photons can change simultaneously even if they are separated by 1,200 kilometers [11]. The separated twin photons can be located anywhere, but all changes are synchronized, regardless of any medium. Similarly, in the case of DEQT, the author proposes that it is the intention/information from the healer that entangles with the image of the subject to bring changes; the image of the subject is the “identical twin” of the subject.

In the paper Can Our Minds Emit Light at 7300 km Distance? A Pre-Registered Confirmatory Experiment of Mental Entanglement with a Photomultiplier Tressoldi confirms that human minds can entangle with a photomultiplier tube at a distance [12]. The research successfully replicated the results observed in the previous two experiments. Participants viewed some images of the Rhine Institute, its bioenergy laboratory, and related photomultiplier tubes to facilitate the focus of intention on a photomultiplier tube located about 7,300 kilometers away. The paper provides strong support for how DEQT works. This is similar to the mechanism of quantum entanglement: the photos of the institute shown to the participants represent the institute, and the information emitted by the participants is entangled with the information represented by the photos, and the equipment in the remote institute reacts. These experiments proved that it is the intention/information that works, not energy. It also proves that information/intention emitted can reach a distant subject and cannot be shielded.

In a double-slit experiment, single particles, such as photons and electrons, pass one at a time through a screen containing two slits. If either path is monitored, a particle seemingly passes through one of the slits, and no interference will be formed. However, if neither slit is monitored, a particle will appear to act like a wave and passes through both slits simultaneously to form an interference pattern.

From 2014 to 2016, Dean Radin conducted online double-slit experiments, reporting how human minds have changed the wave characteristic of particles [13]. 1,479 people from 77 countries participated in 2,985 online tests, and 5,738 controls were run by a computer that simulated human participants. The results of the studies imply that human consciousness can affect the structure of the real physical world without contact. From anywhere in the world, a person's intention can affect the state of a particle's wave function.

Discussion

Tiller conducted a randomized controlled trial for the treatment of depression in 2005 with his IHD [14]. The

success of this trial led him to launch The Globally Broadcast Autism Intention Experiment in 2012. In the experiment, an imprinted IHD with its intention statement is played back to a computer through which a list of the 44 names and addresses scrolls continuously. The scrolling time is 44 minutes so that each name and address is exposed for 1 minute per cycle [15]. The report concluded that “at the four-month level, both children and parents are joyful at the positive results experienced to date and the annual financial costs per family are less than those incurred with their annual cell phone costs.” The report points out that the human mind or conscious information is not limited by time and space. Tiller named this novel treatment method Information Medicine.

Information Therapy was created by the author in 2016. The idea of information therapy came from The Globally Broadcast Autism Intention Experiment conducted by Tiller. However, there is a major difference with Information Medicine [16]. Information Therapy is based on the hypothesis that quantum entanglement is the mechanism of how DEQT works. Instead of the subject's name and address, the facial photo is used, since it provides a better resemblance. Information Therapy has been applied to many diseases with varying degrees of success. The initial results of autism and dementia are the most encouraging.

Information Medicine and Information Therapy are two forms of DEQT, and their effectiveness depends to a large extent on the operator's ability to stay focused. Some of Radin's early double-slit experiments were to measure the brainwave changes of participants simultaneously, and those studies have proven that the higher the ability to focus, the better the effect. Consciousness and the double-slit interference pattern: Six experiments reports that “meditators produced effects 2.5 times as large as those produced by nonmeditators” [17]. Since many qigong participants are now practicing online, the author believes research on DEQT would be further developed, not only on human therapy but also on the treatment of flora and fauna.

Concluding remarks

Online training, DEQT, Information Medicine, and Information Therapy all have great potential for development. DEQT can be applied to living organisms too. The reports cited above provide plausible explanations and support for how DEQT works. We look forward to in-depth discussions on the mechanism of DEQT therapy from all parts of the world.

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