

Integrative Medicine Healing Approach –A Company Analysis of Tennant Institute for Integrative Medicine

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ABSTRACT:

Purpose: Integrative Medicine is the healing-oriented medicine which takes care of the holistic treatment for mind, body, spirit and furthermore amending all aspects of lifestyle wherever necessary. The Tennant Institute for Integrative Medicine does the treatment based on both the conventional or western medicine along with complementary medicine therapies which is true to the nature of integrative medicine therapy. The cells of our body need sufficient amount of voltage in order to function properly and for regeneration. This is the basis on which the therapy is built upon.

Approach: The study throws light into the mechanisms which allows us to have healthy cells through lifestyle amendments, usage of supplementary devices such as BioModulator®, consumption of supplementary health products by the institute for cell activation and rejuvenation.

Result: The studies show that a wide range of physical health and mental health issues can be cured to an extent with the administering of this therapy. The therapy has brought in worth noticing results where the conventional western medicine had lost hope as in the life of Dr. Jerry Tennant. Even animals have benefitted a lot with the treatment by the institute. The notice worthy fact about the methodology is that it does not incur any side effects and heals the body naturally using physics.

Originality/Value: The ABCD conceptual analysis reveals new pathways for the enhancement and reachability of the methodology.

Paper Type: Conceptual Research

Keywords: Integrative Medicine, Encephalitis, Cellular Therapy, BioModulator, BioTransducer, Voltage, Scalar Energy, Biofield, Lyme disease, ABCD Analysis

The Senergy Medical Group works in association with Dr. Jerry Tennant the famous doctor who invented his own health system which is rooted in the concepts of energy healing and cellular therapy. He himself is the testimony for the healing as he got cured from encephalitis by practising this health system when the conventional or western medicine had lost hope. In this health system he uses the help of specific devices and supplementary medicines for the cell activation.

About the Founder

Dr. Jerry Tennant is the founder of The Tennant Institute for Integrative Medicine which is a Private Expressive Association as defined by the Supreme Court of the United States and is recognized by the Internal Revenue Service¹.

He got encephalitis and bleeding disorder in 1995 which led to eventually loss of memory. His physicians had given up and at this juncture he himself began to find solution for curing his illness. He thought of the basic principle in making a single cell function properly and came to the conclusion that cells must have enough voltage to work. The condition called disease is associated with the loss of voltage of the cells. He found out how to measure the voltage of a cell and keep it at optimum level and this in turn paved way for him to heal himself naturally².

Based on his own personal experiences he has authored several books such as “Healing is Voltage”, “Healing Eye Diseases”, and Acupuncture Muscle Batteries and Healing is Voltage™.

¹ <https://tennantinstitute.com/private-expressive-association/>

² <https://tennantinstitute.com/dr-tennant/#health-journey>

He had made noteworthy contributions in the field of Ophthalmology and has been acknowledged with numerous awards such as “Philip Corboy Award for contributions to ophthalmology”, “Hawaiian Eye Society Award for Excellence”, and “Lifetime Achievement Award” by the Academy of Comprehensive Integrative Medicine.

He was instrumental in redesigning European lenses in order to eliminate defects and was awarded patents for his designs. He holds over thirteen patents for medical devices.

Dr. Tennant’s Health Protocol

The doctors at the Tennant Institute strongly believe that body has the capability to heal itself with the help of the constant regeneration of good cells. The three key components necessary for the regeneration of healthy cells as per his protocol are:

- Sufficient voltage
- Complete nutrition
- Elimination of Toxins

At the Tennant Institute, he has developed a four-step protocol that should be practiced on a daily basis at specific recommended frequencies which can reset the body’s battery system and add proper voltage back into our cells. The protocol uses the help of devices developed by Dr. Tennant such as the Tennant BioModulator® and Tennant BioTransducer®³.

The electric current property of the cell is attributed to the enzyme namely cytochrome oxidase [1]. Albert Szent-Gyorgyi considered proteins as the major building blocks in living cells and discovered that these proteins exhibited electrical conductivity [2, 3]. The electrical conductivity of the protein is widely dependent on the hydration level [4]. Seventy percent of all living cells are said to be composed of water molecules and hence water is vital for the transmission of electric current [5].

The planet earth’s surface is electrically conducive [6, 7]. When the human body is in direct contact with the earth’s surface it neutralizes reactive oxygen species and as a result, reduces inflammation [8]. The evidence for the impact of grounding in reducing inflammation has been documented with infrared medical imaging [9]. The same can be justified with the observation of the count of white blood cells [10]. The working principle of earthing lies in the fact that through grounding the human body permits negatively charged antioxidant electrons from the earth to enter the body which eventually neutralizes positively charged free radicals at the inflammation area [9]. Scientific evidences have proven the fact that electrons from the Earth flows into the human body while grounding [11].

Studies show that nerves do send signals in the form of electricity with the help of ions [12]. It is also observed that Transcutaneous Electrical Nerve Stimulation (TENS) applied at a particular frequency X produces a different outcome than that applied at a frequency Y on an equivalent patient population [13]. Several clinical studies have been done for establishing the relationship between injury, electrical activity and the healing process [14]. The studies have proven the importance of grounding the human body and the factors which help in the active functioning of body cells and regeneration of body cells.

Voltage Level of Cells

Human cells are designed to run at about -20 millivolts (or pH of 7.35). The body has the ability to heal itself of many ailments when your cells reach -50 millivolts. The factors that can drain the voltage level of the human body cells are

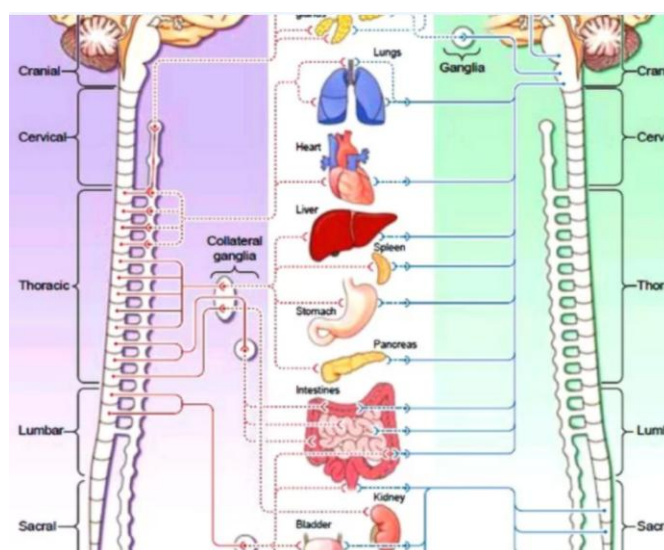
1. The teeth are considered as the circuit breakers of our body. Hence, we have to take extreme care about dental infections.
2. If toxins are present in the body, it can cause harm and lower the voltage of the body. They can cause the cells not to reproduce and gets the voltage level reduced.
3. If scars are present, they can make hindrance for the energy pathways with the human body.
4. Thyroid receptors are present on every cell of the human body and if they are not optimized a large portion of the voltage will be lost from every circuit present in the body.
5. Emotions always keep the energy level low in the human body.

In the Tennant Institute the knowledge of Eastern and Western medicine and special tools including the Tennant BioModulator® and Tennant BioTransducer® are used to restore and maintain your health.

³ <https://tennantinstitute.com/dr-tennant-protocol/>

Services Offered

- As it is difficult for travelling to Irving for consultation telemedicine facility is facilitated by the institute.
- Patients are provided packages such as Energetic Appointments, Energetic Exam and Treatment, and Advanced Energetic Exam and Treatment
- The fatigue caused by chronic illness is treated whose symptoms include unexplained exhaustion, loss of memory and concentration, headache, joint and muscular pains and sleeplessness. The treatment includes Baseline voltage measurements, heavy metal testing, medical examination, Tennant Scalar Emotional Tuning, Tennant-Faldmo Scalar Detox, Oxygen therapies, supplement recommendations and prescription for Tennant BioModulator® and BioTransducer®.
- At the Tennant Institute a number of tools are used for generating scalar energy and sound frequencies in order to find and repair disturbances in the energetic biofield of the body.
- Neural therapy is a gentle, healing technique developed in Germany that involves the injection of local anesthetics into autonomic nerve ganglia (grouping of nerves), peripheral nerves, scars, glands, acupuncture points, trigger points, and other tissues.



Ganglia

- **Cranial Nerve Sequencing:** Cranial Nerve Sequencing makes the cranial nerves and muscles associated with them work in harmony which eventually makes the body energy efficient. The major benefit of this is breathing through the nose which helps to filter out toxins and supplies more oxygen to the body which helps in the healing.

The entire nervous system can be categorized into many parts. There is the cortex of the brain and the brainstem. Twelve cranial nerves originate from the brainstem which is very much important for the day-to-day routine. These nerves play vital roles for the signal messaging for the voluntary as well as involuntary muscles associated with blinking, breathing, swallowing, digestion, and so on. Hence these nerves are always active and need an adequate supply of energy at all times.

- **Tennant-Faldmo Scalar Detox:** Toxins are foreign substances that enter our body that can destroy the cells at a faster rate than the rate at which new cells are formed. Toxins can be microbial such as viral or bacterial, airborne, chemical, and heavy metal toxins. At the institute, identification is done for the source of hypersensitivities in the body and treats them with the help of digitized antidote frequencies for more than four hundred toxins. The antidotes are applied using scalar energy.

- **Thyroid Management:** The Thyroid Stimulating Hormone(TSH) is a hormone synthesized and secreted by the pituitary gland. The TSH test came into existence in 1972. The TSH acts like a messenger sent to the thyroid gland for releasing T4. With the help of many nutrients, the cells convert the T4 into T3. Using the TSH test alone for diagnosis of thyroid disorders is not reliable as TSH may many a time be shown as normal still the patient may be hypothyroid.

- **Vascular and Oxygen Therapy**

Exercise is one of the key factors for increasing the voltage and oxygen level in the body. By partnering with Vasper, Dr. Tennant has combined scalar and frequency technologies for recharging the body. Through this patients, experience improved sleep, increased mobility, weight loss, increased athletic performance, and

improved vascular function. The Vasper machine used for the purpose allows for a two-hour, full-body workout in only twenty-one minutes.

Conditions Treated

- **Emotional Trauma:** They are the result of past occurrences in life and it clearly indicated that your cells are on low voltage. The symptoms include flashbacks, trouble connecting to near and dear ones or co-workers, headaches, chest pain, nausea, feeling moody, anxious, sad, overwhelmed, irritated, sensitivity to loud noises, smells, trouble sleeping, changes in appetite, and trouble in enjoying things you used to like.
- **Difficult Healing:** Most of us might have experienced a wound in our life and for some, it gets healed in a simple and rapid process but it may leave a visible scar.
- **Autoimmune Diseases:** The disorders in the immune system may cause abnormally low activity or over activity of the immune system. If it is overactive then it may cause damages to its own tissues. If it is low then vulnerability to infections is at a high risk.
- **Chronic Pain:** Pain is always linked to tissue damage. It is one of the body's responses for preventing further damage to the tissues. People feel pain when a signal travels through nerve fibres to the brain for interpretation.
- **Chronic Fatigue:** Many of us misinterpret fatigue as mere tiredness, but it is much more than that in reality. In fact, fatigue may lead to a condition wherein a person is unable to get out of bed in the morning and he or she is unable to fulfil his or her daily duties and responsibilities. Fatigue may be classified as physical or mental. Both of these may occur simultaneously at certain stages. Excessive physical strain may lead to mental fatigue over a period of time. The symptoms of physical fatigue may be the inability to do physically hard things which would have been usually done with ease. Symptoms of mental fatigue may be a decrease in concentration level, feeling sleepy always, and difficulty in staying awake during work time.
- **Lyme disease:** Lyme disease is caused by the bacteria, *Borrelia burgdorferi* which is transmitted to humans through a bite from an infected black-legged or deer tick.

Testimonials

The testimonials include cases of migraine disappearing even in a single session of the therapy where in balancing the ANS and cranial sacral system with the help of specific devices. A patient with crushed tibia could walk within three weeks of treatment with the Tennant BioModulator®. An athlete suffering from mouth trauma could get relieved from the pain in the first session itself and could eventually avoid root canal treatment for the loosened teeth with the help of BioModulator® therapy. Besides these there are several noteworthy testimonials of treatments for lower back pain, shoulder pain, fibromyalgia, and immobility in the wrist with the help of BioModulator® therapy.

Qualitative Analysis using ABCD Analysis

The Advantages, Benefits, Constraints, and Drawbacks of the institute are listed below:

Advantages

- Uniqueness in the treatment methodology incorporating western methodologies along with BioModulator®
- Testimony for the effectiveness of the therapy by Dr. Jerry Tennance himself which adds value to the integrity of the treatment
- Telemedicine facility provided
- Minimal or no side effect

Benefits

- Treatment does not incur cost again and again as the device purchased once can be used for ever
- Positive feedback and testimonials from the patients
- Therapy highly beneficial for chronic illness
- Patients gain the benefit of overall treatment instead of treating a particular illness
- Supplementary products by the institute for cell activation and regeneration

Constraints

- The therapy is very novel and reachability is not achieved among the public
- Data sets are to be generated about the treatment in order to show the potential of the therapy to the scientific world.
- The institute is physically not available all-round the globe.

- More and more studies to be conducted for substantiating the impact of dental infections on the proper functioning and regeneration of cells in the human body.

Drawbacks

- As the therapy is very much novel reachability to the public domain is lacking. The therapy is mainly known to researchers who are working on this domain.
- Being a natural therapy with minimal intervention of medicines the people will look at it with lots of apprehensions.
- Lack of physical presence of centers for the institute globally.
- Lack of programmes for generating qualified practitioners in the therapy.

Recommendations and Future Prospects

It is scientifically proven that through grounding electron flow happens towards the human body which helps in the curing of diseases. Our ancestors had a natural lifestyle in coherence with mother Earth that cured them of major inflammations. It is up to us to go through the pages of history and find out the potentials of the natural lifestyle practiced by our ancestors with this regard. As this area of research is an emerging topic many studies with substantial data sets should be made available for the world to know the potential of the domain area of study under consideration.

The therapy is at present practiced by a handful of members from the team of Dr. Jerry Tennant. Training sessions are to be provided by the institute in order to nurture future army of practitioners. The availability of treatment centres all over the world will enhance the reachability of the therapy and would certainly help for the overall wellbeing of the society.

REFERENCES

- [1]. Cope, F. W. (1975). A review of the applications of solid state physics concepts to biological systems. *Journal of Biological Physics*, 3(1), 1-41.
- [2]. Szent-Györgyi, A. (1941). The study of energy-levels in biochemistry. *Nature*, 148(3745), 157-159.
- [3]. Szent-Györgyi, A. (1957). Bioenergetics [epigraph for" Part II: Biological Structures and Functions"].
- [4]. Gascoyne, P. R., Pethig, R., & Szent-Györgyi, A. (1981). Water structure-dependent charge transport in proteins. *Proceedings of the National Academy of Sciences*, 78(1), 261-265.
- [5]. Zheng, J. M., Chin, W. C., Khijniak, E., Khijniak Jr, E., & Pollack, G. H. (2006). Surfaces and interfacial water: evidence that hydrophilic surfaces have long-range impact. *Advances in colloid and interface science*, 127(1), 19-27.
- [6]. Williams, E. R., & Heckman, S. J. (1993). The local diurnal variation of cloud electrification and the global diurnal variation of negative charge on the Earth. *Journal of Geophysical Research: Atmospheres*, 98(D3), 5221-5234.
- [7]. Anisimov, S. V., Mareev, E. A., & Bakastov, S. S. (1999). On the generation and evolution of aroelectric structures in the surface layer. *Journal of Geophysical Research: Atmospheres*, 104(D12), 14359-14367.
- [8]. Oschman, J. L. (2009). Charge transfer in the living matrix. *Journal of Bodywork and Movement Therapies*, 13(3), 215-228.
- [9]. Oschman, J. L. (2007). Can electrons act as antioxidants? A review and commentary. *The Journal of Alternative and Complementary Medicine*, 13(9), 955-967.
- [10]. Brown, D., Chevalier, G., & Hill, M. (2010). Pilot study on the effect of grounding on delayed-onset muscle soreness. *The Journal of Alternative and complementary Medicine*, 16(3), 265-273.
- [11]. Applewhite, R. (2005). The effectiveness of a conductive patch and a conductive bed pad in reducing induced human body voltage via the application of earth ground. *European Biology and Bioelectromagnetics*, 1(1), 23-40.
- [12]. Vallath, R. (2015). The biology of electricity. *i wonder*, (1), 17-23.
- [13]. Martellucci, J. (2015). Basic Concepts in Electricity and Electrotherapy. In *Electrical Stimulation for Pelvic Floor Disorders* (pp. 61-74). Springer, Cham.
- [14]. Kloth, L. C. (2005). Electrical stimulation for wound healing: a review of evidence from in vitro studies, animal experiments, and clinical trials. *The international journal of lower extremity wounds*, 4(1), 23-44.